CITY OF BETHEL

City Council Meeting Agenda, December 16, 2025 – 6:30 PM

Website: https://www.cityofbethel.org/council

Location: Council Chambers, City Hall, 300 Chief Eddie Hoffman Highway, Bethel

Council Members: Mayor Rose Henderson, Vice-Mayor Teresa Keller, Mark Springer, Alicia Miner, Pamela Conrad, Kelsi Kime, Greg Schiedler

Zoom Meeting Link: https://us06web.zoom.us/j/4888456188?pwd=bkN1dGI4MHpGZ1kwOUVYWU5kd0xhZz09

Zoom Meeting ID: 488 845 6188 **Zoom Meeting Passcode:** 13871

Zoom Meeting Conference Line Numbers: 833 548 0276 US Toll-free 833 548 0282 US Toll-free
877 853 5257 US Toll-free 888 475 4499 US Toll-free

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1. **CALL TO ORDER**
2. **PLEDGE OF ALLEGIANCE**
3. **ROLL CALL**
4. **PEOPLE TO BE HEARD – FIVE MINUTES PER PERSON**
   - 4.1. *Written Public Comments can be submitted by opening your phone camera and hovering over this URL code. The link to the submission form will appear. You may also go to www.cityofbethel.org. Written public comment must be submitted 24 hours before the meeting.*
5. **APPROVAL OF CONSENT AGENDA AND REGULAR AGENDA**
6. **APPROVAL OF MEETING MINUTES**
   - 6.1. *11-12-2025 Regular City Council Meeting Minutes
7. **REPORTS OF STANDING COMMITTEES**
   - 7.1. Committee/Commission Agendas And Draft Meeting Minutes
8. **SPECIAL ORDER OF BUSINESS**
   - 8.1. Donlin Gold Project Presentation (City Manager Strickler)
9. **UNFINISHED BUSINESS**
   - 9.1. Public Hearing Of Ordinance 25-19: Amending Bethel Municipal Code Chapter 4.16, Sales Taxes, To Define Bundled Transactions And Provide For The Remittance And Collection Of Sales Tax On Bundled Transactions (City Manager Strickler)
10. **NEW BUSINESS**
    - 10.1. *Introduction Of Ordinance 25-20: Amending Non-Codified Fees And Charges For The City Of Bethel (City Manager Strickler)
    - 10.2. *Introduction Of Ordinance 25-08(e): Amending The Annual FY25 Operating Budget Ice Road Support (Mayor Henderson)

Posted December 10, 2025 at AC Co., Swanson's, City Hall, and the Post Office.

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Julie Olick, Admin Assist. City Clerk's Office

City Clerk's Office Contact Information: Email cityclerk@cityofbethel.net **Phone** 907-543-1384

Items noted with an asterisk (*) are consent agenda items, unless removed from the consent agenda they are approved upon the approval of the agenda.

Ordinances introduced at this meeting may be set for public hearing at the next regular meeting.

The Council may by unanimous consent, after 12:00 AM Fix the Time to Which To Adjourn until the following day at 6:30 PM

10.3. *Resolution 25-14: Updating Loan and Forgiveness Amount For The QFC #2 Lift Station Project (City Manager Strickler)

10.4. *Resolution 25-15: City Of Bethel Priorities For The SFY 2027 State Of Alaska Capital Budget (City Manager Strickler)

10.5. AM 25-38: Authorize And Direct City Administration To Issue A Checks Totaling $45,300 To The Year 2025, Quarter 4 Community Action Grant (CAG) Awardees Based On The Recommendation Of The Community Action Grant Committee (Community Action Grant)

10.6. *AM 25-39: Authorize The Acting City Manager To Negotiate And Execute A Contract For QFC #2 Lift Station Improvements (City Manager Strickler)

10.7. *AM 25-40: Appointment and Re-appointment Of Committee And Commission Members For A Term Of Three Years (Mayor Henderson)

10.8. AM 25-41: Approving The Regular City Council Meeting Dates For 2026 (Mayor Henderson)

10.9. *IM 25-11: Documentation that the Bethel City Council Received and Reviewed the Full Financial Budget Report and Water & Wastewater Activity Report for the Month of October and November 2025. (City Manager Strickler)

10.10. City Administrative Review Of Good Vibes LLC, Doing Business As Good Vibes Bethel, Retail Marijuana Store License Renewal #30563, Located At 323 Chief Eddie Hoffman Hwy Bethel, AK 99559 (City Manager Strickler)

11. REPORTS

11.1. Mayor's Report

11.2. City Manager's Report

11.3. Clerk's Report

12. COUNCIL MEMBER COMMENTS

13. EXECUTIVE SESSION

14. ADJOURNMENT

Posted December 10, 2025 at AC Co., Swanson's, City Hall, and the Post Office.

_____

Julie Olick, Admin Assist. City Clerk's Office

City Clerk's Office Contact Information: Email cityclerk@cityofbethel.net **Phone** 907-543-1384

Items noted with an asterisk (*) are consent agenda items, unless removed from the consent agenda they are approved upon the approval of the agenda.

Ordinances introduced at this meeting may be set for public hearing at the next regular meeting.

The Council may by unanimous consent, after 12:00 AM Fix the Time to Which To Adjourn until the following day at 6:30 PM

1. CALL TO ORDER

A Regular Meeting of the Bethel City Council was held on November 12, 2025 at 6:30 p.m., in the Council Chambers, Bethel, Alaska.
Mayor Henderson called the meeting to order at 6:30 p.m.

2. PLEDGE OF ALLEGIANCE

3. ROLL CALL

Comprising a quorum of the Council, the following members were present:
City Council Member Kelsi Kime City Council Member Greg Schiedler Mayor Rose Henderson City Council Member Pamela Conrad City Council Member Alicia Miner (telephonically) Vice-Mayor Teresa Keller
Members Absent:
City Council Member Mark Springer
Also in attendance were the following:
City Manager Lori Strickler, City Clerk Kevin Morgan, City Attorney Libby Bakalar (telephonically)

4. PEOPLE TO BE HEARD – Five minutes per person

No one present to be heard.

Item 4.1. - *Written Public Comments*

No Written Comments Submitted.

5. APPROVAL OF CONSENT AGENDA AND REGULAR AGENDA

Main Motion: Approval of the Consent and Regular Agenda.

Moved by:	Kelsi Kime
Seconded by:	Greg Schiedler
In favor:	Kelsi Kime, Greg Schiedler, Rose Henderson, Pamela Conrad, Alicia Miner, Teresa Keller
Opposed:	None
Results:	Motion Carries

-Remove from the Consent Agenda- Item 10.1 Introduction of Ordinance 25-19- Mayor Henderson

6. APPROVAL OF MEETING MINUTES

Item 6.1. - *10-28-2025 Regular City Council Meeting Minutes
Passed on the consent agenda.

7. REPORTS OF STANDING COMMITTEES

Item 7.1. - Committee/Commission Agendas And Draft Meeting Minutes
Port Commission, Council Member Conrad- No meeting held.

Planning Commission, Mayor Henderson- Meeting on November 13th.

Community Action Grant Committee, Council Member Miner- Meeting next week to review 4–5 applications.

Community Parks and Recreation Committee, Vice-Mayor Keller- Was not notified about the meeting; nothing to report.

Finance Committee, Council Member Schiedler- No meeting due to lack of quorum.

Public Works Committee, Council Member Kime- No meeting since last meeting.

Public Safety and Transportation Commission- No one to report.

8. SPECIAL ORDER OF BUSINESS

9. UNFINISHED BUSINESS

Item 9.1. - Public Hearing Of Ordinance 25-08(d): An Ordinance By The Bethel City Council Amending The Adoption Annual Operating Budget For Fiscal Year 2026, July 1, 2025-June 30, 2026 (City Manager Strickler)
Mayor Henderson opened the Public Hearing.
No one present to be heard.
Mayor Henderson closed the Public Hearing.

Main Motion: Adopt Ordinance 25-08(d).

Moved by:	Teresa Keller
Seconded by:	Greg Schiedler
In favor:	Kelsi Kime, Greg Schiedler, Rose Henderson, Pamela Conrad, Alicia Miner, Teresa Keller
Opposed:	None

Results:	Motion Carries

10. NEW BUSINESS

Item 10.1. - *Introduction Of Ordinance 25-19: Amending Bethel Municipal Code Chapter 4.16, Sales Taxes, To Define Bundled Transactions And Provide For The Remittance And Collection Of Sales Tax On Bundled Transactions (City Manager Strickler)

Main Motion: Introduction of Ordinance 25-19.

Moved by:	Teresa Keller
Seconded by:	Greg Schiedler
In favor:	Kelsi Kime, Greg Schiedler, Rose Henderson, Pamela Conrad, Alicia Miner, Teresa Keller
Opposed:	None
Results:	Motion Carries

Item 10.2. - AM 25-36: Confirming Jeff Kirkham as Director of Public Safety (City Manager Strickler)

Main Motion: Approve AM 25-36.

Moved by:	Teresa Keller
Seconded by:	Kelsi Kime
In favor:	Kelsi Kime, Greg Schiedler, Rose Henderson, Pamela Conrad, Alicia Miner, Teresa Keller
Opposed:	None
Results:	Motion Carries

Item 10.3. - *AM 25-37: Direct Administration To Prepare And Submit An FY 2027 Public Transportation Grant Application To Fund The Bethel Transit System With A Grant Request Of $284,109 And A Pledge Of $98,527 In Local Cash Match From The City's Planned FY 2027 Budget To Cover Operating Costs (City Manager Strickler)

Passed on the consent agenda.

Item 10.4. - City Administrative Review Of Essenkay LLC, doing business as Kusko Kush, Retail Marijuana Store License Renewal #21227, Located At 781 3rd Avenue Bethel, Alaska (City Manager Strickler)

Council Reviewed this Item.

11. REPORTS

Item 11.1. - Mayor's Report

Item 11.2. - City Manager's Report

Item 11.3. - Clerk's Report

12. COUNCIL MEMBER COMMENTS

Mayor Henderson- Please slow down and abide by the school zone speed limit. Remember that 4-wheeler laws do not pertain to snowmachines; keep them off the roads and highways. Recommends going to safealaskans.org to get reflective tape for your family. Stay off the river; it isn't safe yet. Thanked the Police Officer who attended the funeral on Tuesday.

Vice-Mayor Keller- Recognized Veterans Day and thanked the Veterans for their service and sacrifice.

Council Member Miner- Hoping that the City will do a tree lighting ceremony this holiday season.

Council Member Conrad- Thanked all the people, including those not from this region, that volunteered their time to help with the typhoon disaster.

Council Member Kime- No comments.

Council Member Schiedler- Kudos to the City for sanding the roads.

13. EXECUTIVE SESSION

Item 13.1. - In Accordance With AS 44.62.310.(C)(1) Matters, The Immediate Knowledge Of Which Would Clearly Have An Adverse Effect Upon The Finances Of The Public Entity; And (3) Matters Which By Law, Municipal Charter, Or Ordinance Are Required To Be Confidential- Litigation: MAEL and KERR V. CITY OF BETHEL 4BE-24-00458 CI (Mayor Henderson)

Main Motion: Move into Executive Session- in Accordance With AS 44.62.310.(C)(1) Matters, The Immediate Knowledge Of Which Would Clearly Have An Adverse Effect Upon The Finances Of The Public Entity; And (3) Matters Which By Law, Municipal Charter, Or Ordinance Are Required To Be Confidential- Litigation: MAEL and KERR V. CITY OF BETHEL 4BE-24-00458 CI.

Those attending this item will be the City Council, City Manager, City Attorney, City Clerk, the Director of Public Safety Jeff Kirkam, and Kyle Harding from Alaska Public Risk Alliance.

Council Member Kime declared a conflict of interest as an employee of the Alaska Court System and is under professional obligation to recuse herself.
Mayor Henderson rules that there is a conflict and excuses Council Member Kime.
Council Member Kime departs the meeting and does not take part in this item of business.

Moved by:	Teresa Keller
Seconded by:	Pamela Conrad
In favor:	Greg Schiedler, Rose Henderson, Pamela Conrad, Alicia Miner, Teresa Keller
Opposed:	None
Results:	Motion Carries

Council takes a 5 minute break and enters Executive Session at 7:15 p.m.
Council exits Executive Session at 7:37 p.m.

14. ADJOURNMENT

Main Motion: Adjournment.

Moved by:	Teresa Keller
Seconded by:	Alicia Miner
In favor:	Greg Schiedler, Rose Henderson, Pamela Conrad, Alicia Miner, Teresa Keller
Opposed:	None
Results:	Motion Carries

Meeting ended at 7:39 p.m.

Rose Henderson, Mayor

ATTEST:

Kevin Morgan,
City Clerk

City of Bethel, Alaska
Community Action Grant Committee Minutes

November 18, 2025 Regular Meeting Bethel, Alaska

I. CALL TO ORDER

A Regular Meeting of the Community Action Grant Committee was held on November 18th 2025 at 6:02 PM in Council Chambers at 300 Chief Eddie Hoffman Highway.

II. ROLL CALL

The following Community Action Grant Committee members were present: Louise Russel, Alicia Minor, Lucinda Alexie, Julie McWilliams

Also in attendance are Kayla Saddler, Pauline Boratko Recorders (Ex Officio).

Excused Absences: Jody Brand

III. PEOPLE TO BE HEARD: FIVE MINUTES PER PERSON

Please submit written public comments to cag@cityofbethel.net by 4:00 p.m. the end of the meeting

IV. APPROVAL OF AGENDA

V. APPROVAL OF MEETING MINUTES

A. 8-19-2025 Meeting Minutes

MOVED BY	Alicia	Motion to approve
SECOND BY	Julie	
VOTE ON MOTION	All in favor	4-0

B. 8-21-2025 Meeting Minutes

MOVED BY	Alicia	Motion to approve
SECOND BY	Julie	
VOTE ON MOTION	All in favor	4-0

C. 9-25-2025 Meeting Minutes

MOVED BY	Alicia	Motion to approve
SECOND BY	Julie	
VOTE ON MOTION	All in favor	4-0

VI. UNFINISHED BUSINESS

VII. NEW BUSINESS

A. Declaration of Vacancy – Victoria Sosa

MOVED BY	Alicia	Motion to approve
SECOND BY	Louise	
VOTE ON MOTION	All in favor	4-0

A. Review Amount of Community Action Grant Funding Available for the Fiscal Year July 1, 2025 – June 30, 2025

B. Review, Discuss, and Score Applications and Responses Received (may include questions from applications in attendance)

VIII. EX OFFICIO REPORT

A. Manager's Reports November 2025

IX. MEMBER COMMENTS

Alicia Miner: Glad to be a part of this committee
Lucinda Alexie: This was an interesting night
Julie McWilliams: Welcome Alicia to the committee
Louise Russell: Thank you for coming

X. ADJORNMENT

MOVED BY	Alicia	Motion to approve
SECOND BY	Louise	
VOTE ON MOTION	All in Favor	4-0

The chair called the meeting to an end at 7:31 pm.

_____
Louise Russel, Chair

ATTEST:

_____
Kayla Saddler, Recorder

CITY OF BETHEL
COMMUNITY ACTION GRANT COMMITTEE
TUESDAY, DECEMBER 2, 2025, 6:00 PM
LOCATION: 300 CHIEF EDDIE HOFFMAN HIGHWAY, BETHEL, ALASKA

JOIN MEETING AT ZOOM.US:

HTTPS://US06WEB.ZOOM.US/J/86726846636?PWD=FU94O5EBVHRXRQOI4TOUS0TT

MEETING ID: 867 2684 6636

PASSCODE: 063413

US TOLL-FREE PHONE NUMBERS: 888 475 4499; 833 548 0276; 833 548 0282; 877 853 5257

[IGNORE_INDENT]

MEMBERS		STAFF
Louse Russell, Chair	2 Regular Vacancies	Ex Officio Member
Lucinda Alexie	2 Alternate Vacancies	CAG@cityofbethel.net
	Jody Brand	907-543-1386
Alicia Miner,Council Rep.		

I. CALL TO ORDER

II. ROLL CALL

A. Ex Officio Attendance Log

III. PEOPLE TO BE HEARD – FIVE MINUTES PER PERSON

A. Please submit written public comments to cag@cityofbethel.net by 4:00 p.m. the day of the meeting

IV. APPROVAL OF AGENDA

V. APPROVAL OF MEETING MINUTES

A. 11-18-2025 Meeting Minutes

VI. UNFINISHED BUSINESS

A. Review Amount of Community Action Grant Funding Available for the Fiscal Year July 1, 2025 - June 30, 2025

B. Review, Discuss, and Score Applications and Responses Received (may include questions from applicants in attendance)

VII. NEW BUSINESS

VIII. EX OFFICIO REPORT

A. Manager's Reports November 2025

IX. MEMBER COMMENTS

X. ADJOURNMENT

Posted <<DATE>> at City Hall, AC Co., Swanson's, and the Post Office.

_____

Ex-Officio Staff

City of Bethel, Alaska
Community Parks and Recreation Committee Minutes

November 10, 2025 Regular Meeting Bethel, Alaska

I. CALL TO ORDER: 6:12PM

A regular Community Parks and Recreation Committee Meeting was held on November 10, 2025, via Zoom. called the meeting to order at 6:12 pm.

II. ROLL CALL:

Comprising a quorum of the committee, the following were present for Roll Call: Brian Lefferts, Beverly Hoffman, Jessica Pew, Sean Glasheen,

EX:

III. PEOPLE TO BE HEARD: None

IV. APPROVAL OF AGENDA:

Motion to approve the agenda.

MOVED BY:	Bev Hoffman	Motion to approve Agenda.
SECONDED BY:	Sean Glasheen	
VOTE ON MOTION	Motion carried by unanimous vote.	

V. APPROVAL OF MINUTES:

A. Meeting Minutes September 8, 2025

MOVED BY:	Bev Hoffman	Motion to approve Meeting Minutes.
SECONDED BY:	Sean Glasheen	
VOTE ON MOTION	Motion carried by unanimous vote.	

B. Meeting Minutes October 13, 2025

MOVED BY:	Bev Hoffman	Motion to approve Meeting Minutes.
SECONDED BY:	Sean Glasheen	
VOTE ON MOTION	Motion carried by unanimous vote.	

VI. UNFINISHED BUSINESS:

A. Community Center Construction Project *Updates!* (Lefferts)
B. Update on Larson Sub Park Progress (Pew)
C. Dog Park: Motion to recommend the City Council an ordinance to turn the upper portion of Riverside Park into a dog park, on a temporary basis, for a period of one year, to evaluate if a permeant dog park should be maintained at that location.

MOVED BY:	Bev Hoffman	Motion to approve temporary dog park at Riverside Park for a period of one year.
SECONDED BY:	Jessica Pew	
VOTE ON MOTION	Motion carried by unanimous vote.	

D. YFK Transition of Management (Iverson)
E. Update on Proposed Amendments to Ordinance 8.12 Bags and Polystyrene Container (Hoffman)

VII. NEW BUSINESS:

A. Determination of Quorum for the December 8th Meeting. No quorum. Next meeting: January 12, 2026

B. Consideration of Bimonthly Meeting (Lefferts)

MOVED BY:	Sean Glasheen	Motion to change committee meeting schedule to bimonthly (One meeting every two months)
SECONDED BY:	Jessica Pew	
VOTE ON MOTION	Motion carried by unanimous vote.	

C. Discussion of Fitness Center Energy Audit (Glasheen)

VIII. EX OFFICIO MEMBER REPORT:

A. Manager's Reports October 2025

IX. COMMITTEE MEMBER COMMENTS: No comments were made.

Jessica Pew:
Beverly Hoffman:
Mikayla Miller:
Lisa Yancey:
Jody Brand:
Zeff Prina:
Sean Glasheen:
Brian Lefferts:

X. ADJOURNMENT: 6:54pm

MOVED BY:	Sean Glasheen	Motion to adjourn.
SECONDED BY:	Jessica Pew	
VOTE ON MOTION	Motion carried by unanimous vote.	

With no further business, meeting adjourned at 6:54PM.

APPROVED THIS November 10, 2025.

_____
Brian Lefferts
Committee Chair

_____
Shane Iverson
Recorder of Minutes

CITY OF BETHEL
COMMUNITY ACTION GRANT COMMITTEE
THURSDAY, NOVEMBER 20, 2025, 6:00 PM
LOCATION: 300 CHIEF EDDIE HOFFMAN HIGHWAY, BETHEL, ALASKA

JOIN MEETING AT ZOOM.US:

HTTPS://US06WEB.ZOOM.US/J/86726846636?PWD=FU94O5EBVHRXRQOI4TOUS0TT

MEETING ID: 867 2684 6636
PASSCODE: 063413
US TOLL-FREE PHONE NUMBERS: 888 475 4499; 833 548 0276; 833 548 0282; 877 853 5257

MEMBERS		STAFF
Louse Russell, Chair	2 Regular Vacancies	Ex Officio Member
Lucinda Alexie	2 Alternate Vacancies	CAG@cityofbethel.net
	Jody Brand	907-543-1386
Alicia Miner,Council Rep.		

I. CALL TO ORDER

II. ROLL CALL

A. Ex Officio Member's Attendance Log

III. PEOPLE TO BE HEARD – FIVE MINUTES PER PERSON

A. Please submit written public comments to cag@cityofbethel.net by 4:00 p.m. the day of the meeting

IV. APPROVAL OF AGENDA

V. APPROVAL OF MEETING MINUTES

A. 11-18-2025 CAG Meeting Minutes

VI. UNFINISHED BUSINESS

A. Review Amount of Community Action Grant Funding Available for the Fiscal Year July 1, 2025-June 30, 2025

B. Review, Discuss, and Score Applications and Responses Received (may include questions from applicants in attendance)

VII. NEW BUSINESS

VIII. EX OFFICIO REPORT

A. Manager's Reports October 2025

IX. MEMBER COMMENTS

X. ADJOURNMENT

Posted <<DATE>> at City Hall, AC Co., Swanson's, and the Post Office.

_____
Ex-Officio Staff

CITY OF BETHEL
COMMUNITY ACTION GRANT COMMITTEE
TUESDAY, NOVEMBER 18, 2025, 6:00 PM
LOCATION: 300 CHIEF EDDIE HOFFMAN HIGHWAY, BETHEL, ALASKA

JOIN MEETING AT ZOOM.US:

HTTPS://US06WEB.ZOOM.US/J/86726846636?PWD=FU94O5EBVHRXRQOI4TOUS0TT

MEETING ID: 867 2684 6636

PASSCODE: 063413

US TOLL-FREE PHONE NUMBERS: 888 475 4499; 833 548 0276; 833 548 0282; 877 853 5257

MEMBERS		STAFF
Louse Russell, Chair	2 Regular Vacancies	Ex Officio Member
Lucinda Alexie	2 Alternate Vacancies	CAG@cityofbethel.net
	Jody Brand	907-543-1386
Pamela Conrad,Council Rep.		

I. CALL TO ORDER

II. ROLL CALL

A. Ex Officio Member's Attendance Log

III. PEOPLE TO BE HEARD – FIVE MINUTES PER PERSON

A. Please submit written public comments to cag@cityofbethel.net by 4:00 p.m. the day of the meeting

IV. APPROVAL OF AGENDA

V. APPROVAL OF MEETING MINUTES

A. 8-19-2025 CAG Meeting Minutes

B. 8-21-2025 CAG Meeting Minutes

C. 9-25-2025 CAG Meeting Minutes

VI. UNFINISHED BUSINESS

VII. NEW BUSINESS

A. Declaration of Vacancy - Victoria Sosa

B. Review Amount of Community Action Grant Funding Available for the Fiscal Year July 1, 2025-June 30, 2025

C. Review, Discuss, and Score Applications and Responses Received (may include questions from applicants in attendance)

VIII. EX OFFICIO REPORT

A. Manager's Reports November 2025

IX. MEMBER COMMENTS

X. ADJOURNMENT

Posted <<DATE>> at City Hall, AC Co., Swanson's, and the Post Office.

_____

Ex-Officio Staff

Posted <<DATE>> at City Hall, AC Co., Swanson's, and the Post Office.

_____

Ex-Officio Staff

City of Bethel, Alaska
Community Parks and Recreation Committee Minutes

November 10, 2025 Regular Meeting Bethel, Alaska

I. CALL TO ORDER: 6:12PM

A regular Community Parks and Recreation Committee Meeting was held on November 10, 2025, via Zoom. called the meeting to order at 6:12 pm.

II. ROLL CALL:

Comprising a quorum of the committee, the following were present for Roll Call: Brian Lefferts, Beverly Hoffman, Jessica Pew, Sean Glasheen,

EX:

III. PEOPLE TO BE HEARD: None

IV. APPROVAL OF AGENDA:

Motion to approve the agenda.

MOVED BY:	Bev Hoffman	Motion to approve Agenda.
SECONDED BY:	Sean Glasheen	
VOTE ON MOTION	Motion carried by unanimous vote.	

V. APPROVAL OF MINUTES:

A. Meeting Minutes September 8, 2025

MOVED BY:	Bev Hoffman	Motion to approve Meeting Minutes.
SECONDED BY:	Sean Glasheen	
VOTE ON MOTION	Motion carried by unanimous vote.	

B. Meeting Minutes October 13, 2025

MOVED BY:	Bev Hoffman	Motion to approve Meeting Minutes.
SECONDED BY:	Sean Glasheen	
VOTE ON MOTION	Motion carried by unanimous vote.	

VI. UNFINISHED BUSINESS:

A. Community Center Construction Project *Updates!* (Lefferts)
B. Update on Larson Sub Park Progress (Pew)
C. Dog Park: Motion to recommend the City Council an ordinance to turn the upper portion of Riverside Park into a dog park, on a temporary basis, for a period of one year, to evaluate if a permeant dog park should be maintained at that location.

MOVED BY:	Bev Hoffman	Motion to approve temporary dog park at Riverside Park for a period of one year.
SECONDED BY:	Jessica Pew	
VOTE ON MOTION	Motion carried by unanimous vote.	

D. YFK Transition of Management (Iverson)
E. Update on Proposed Amendments to Ordinance 8.12 Bags and Polystyrene Container (Hoffman)

VII. NEW BUSINESS:

A. Determination of Quorum for the December 8th Meeting. No quorum. Next meeting: January 12, 2026

B. Consideration of Bimonthly Meeting (Lefferts)

MOVED BY:	Sean Glasheen	Motion to change committee meeting schedule to bimonthly (One meeting every two months)
SECONDED BY:	Jessica Pew	
VOTE ON MOTION	Motion carried by unanimous vote.	

C. Discussion of Fitness Center Energy Audit (Glasheen)

VIII. EX OFFICIO MEMBER REPORT:

A. Manager's Reports October 2025

IX. COMMITTEE MEMBER COMMENTS: No comments were made.

Jessica Pew:
Beverly Hoffman:
Mikayla Miller:
Lisa Yancey:
Jody Brand:
Zeff Prina:
Sean Glasheen:
Brian Lefferts:

X. ADJOURNMENT: 6:54pm

MOVED BY:	Sean Glasheen	Motion to adjourn.
SECONDED BY:	Jessica Pew	
VOTE ON MOTION	Motion carried by unanimous vote.	

With no further business, meeting adjourned at 6:54PM.

APPROVED THIS November 10, 2025.

_____
Brian Lefferts
Committee Chair

_____
Shane Iverson
Recorder of Minutes

CITY OF BETHEL
PUBLIC WORKS COMMITTEE
WEDNESDAY, NOVEMBER 19, 2025, 5:30 PM
LOCATION: 300 CHIEF EDDIE HOFFMAN HIGHWAY, BETHEL, ALASKA

JOIN MEETING AT ZOOM.US:
HTTPS://US06WEB.ZOOM.US/J/3350154000?PWD=HYFLQJB5BBF9IUAXHBN9SOZQAFWPLS.1&OMN=81314125060
MEETING ID: 335 015 4000
PASSCODE: 140569
US TOLL-FREE PHONE NUMBERS: 888 475 4499; 833 548 0276; 833 548 0282; 877 853 5257

MEMBERS	STAFF
Ryan Butte, Council Rep. Mark Springer, Beth Hessler, Juan Delgado, Kelsi Kime	Ex-Officio Members: Bill Arnold, Public Works Director Colin Atti, Administrative Asst. pwadmin@cityofbethel.net 907-543-3110

I. CALL TO ORDER

II. ROLL CALL

III. PEOPLE TO BE HEARD – FIVE MINUTES PER PERSON

A. Please submit written public comments to pwadmin@cityofbethel.net by 4:00 p.m. the day of the meeting.

IV. APPROVAL OF AGENDA

V. APPROVAL OF MEETING MINUTES

A. Public Works Committee Meeting Minutes-10/15/2025

B. Public Works Committee Meeting Minutes-08/20/2025

VI. UNFINISHED BUSINESS

VII. NEW BUSINESS

A. Housing Water/Sewer Piping Foundations Assessment

VIII. EX OFFICIO REPORT

A. IM 25-09 Supporting Documents RUBA Monthly Report Financials

B. Manager's Reports October 2025

IX. MEMBER COMMENTS

X. ADJOURNMENT

Posted 11/13/2025 at City Hall, AC Co., Swanson's, and the Post Office.

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Ex-Officio Staff

CITY OF BETHEL
FINANCE COMMITTEE
WEDNESDAY, NOVEMBER 19, 2025, 5:30 PM
LOCATION: 300 CHIEF EDDIE HOFFMAN HIGHWAY, BETHEL, ALASKA

JOIN MEETING AT ZOOM.US:
HTTPS://US06WEB.ZOOM.US/J/3350154000?PWD=HYFLQJB5BBF9IUAXHBN9SOZQAFWPLS.1&OMN=81314125060
MEETING ID: 335 015 4000
PASSCODE: 140569
US TOLL-FREE PHONE NUMBERS: 888 475 4499; 833 548 0276; 833 548 0282; 877 853 5257

MEMBERS	STAFF
John Hamilton, Chair	Ex Officio Members
Greg Schiedler, Council Rep.	Jim Chevigny
Victoria Sosa, Vice-chair	Cindy Sharp
Carolann Willard	Nathaniel Ayuluk
Grace Hass	finance@cityofbethel.net
Richard Curtis-Smith	907-543-1381
Vacancies: 1 Alt:2	

I. CALL TO ORDER

II. ROLL CALL

III. PEOPLE TO BE HEARD – FIVE MINUTES PER PERSON

A. Please submit written public comments to finance@cityofbethel.net by 4:00 p.m. the day of the meeting.

IV. APPROVAL OF AGENDA

V. APPROVAL OF MEETING MINUTES

A. September 22nd - Finance Committee Meeting Minutes

B. October 27th - Finance Committee Meeting Minutes

VI. UNFINISHED BUSINESS

VII. NEW BUSINESS

A. Review of Ordinance Amending Bethel Municipal Code 13.08, Sewer Services, Delinquent Accounts (City Administration)

B. Ordinance 25-xx Bundling Sales Tax Transactions

VIII. EX OFFICIO REPORT

A. Manager's Report - Nov 2025

B. Finance Reports - Ending 09.30.2025

IX. MEMBER COMMENTS

Posted 11/13/2025 at City Hall, AC Co., Swanson's, and the Post Office.

_____
Ex-Officio Staff

X. ADJOURNMENT

Posted 11/13/2025 at City Hall, AC Co., Swanson's, and the Post Office.

_____

Ex-Officio Staff

City of Bethel, Alaska
Planning Commission

November 13, 2025 Regular Meeting Bethel, Alaska

I. CALL TO ORDER:

A regular meeting of the Planning Commission was held virtually via Zoom and in person at the City Hall Council Chambers in Bethel, Alaska on November 13, 2025. The Chair of the Commission, Kathy Hanson called the meeting to order at 6:32 PM.

II. ROLL CALL:

Compromising a quorum of the Commission, the following members were present for roll call Kathy Hanson, Lorin Bradbury, Alex Wasierski, Shadi Rabi, Haley Hanson, Sundi Scott**,** and Council Rep. Rose Henderson.

Excused absence: Jody Brand

Also Present: Pauline Boratko, Recorder

III. PEOPLE TO BE HEARD: no one wished to be heard

IV. APPROVAL OF THE AGENDA:

MOVED:	Haley Hanson	Motion to approve the agenda.
SECONDED:	Alex Wasierski	
VOTE ON MOTION	Unanimous	

V. APPROVAL OF THE MINUTES:

MOVED:	Haley Hanson	Motion to approve regular meeting minutes from October 9, 2025
SECONDED:	Alex Wasierski	
VOTE ON MOTION	Unanimous	

VI. NEW BUSINESS:

VII. UNFINISHED BUSINESS:

A. Update discussion on nuisance properties: Planning staff updated commissioners on nuisance properties.

MOVED:	Shadi Rabi	Motion to City Council to approval the creation of a sub-commission with a specific job function to push along the nuisance property program at the City of Bethel.
SECONDED:	Rose Henderson	
VOTE ON MOTION	Unanimous	

MOVED:	Shadi Rabi	Motion to create a sub-committee for Nuisance Properties
SECONDED:	Alex Wasierski	
VOTE ON MOTION	Unanimous	

VIII: EX OFFICIO REPORT:

IX. COMMISSIONER'S COMMENTS:

A. Wasierski- Just thanks to the new subcommittee for spending the time to do this, appreciate it.
L. Bradbury- Hooray for the sub commission.
S. Rabi- No comment
S. Scott- Hope we can get more clarity.
K Hanson-no comment
H. Hanson- thank you to the supportive commission members for the subcommittee.
R. Henderson- no comment

X. ADJOURNMENT:

MOVED:	Shadi Rabi	Motion to adjourn the meeting.
SECONDED:	Alex Wasierski	
VOTE ON MOTION	Unanimous	

With no further business the meeting adjourned at 7:26 pm

APPROVED THIS _____ DAY OF _____, 2025

_____
Kathy Hanson, Chair

_____
ATTEST: Pauline Boratko, Recorder

DRAFT

CITY OF BETHEL
PUBLIC SAFETY AND TRANSPORTATION COMMISSION
WEDNESDAY, DECEMBER 3, 2025, 6:30 PM
LOCATION: COUNCIL CHAMBERS, CITY HALL, 300 CHIEF EDDIE HOFFMAN HIGHWAY, BETHEL

JOIN MEETING AT ZOOM.US:
HTTPS://US06WEB.ZOOM.US/J/3350154000?PWD=HYFLQJB5BBF9IUAXHBN9SOZQAFWPLS.1&OMN=81314125060
MEETING ID: 335 015 4000
PASSCODE: 140569
US TOLL-FREE PHONE NUMBERS: 888 475 4499; 833 548 0276; 833 548 0282; 877 853 5257

[IGNORE_INDENT]

MEMBERS	STAFF
Joy Anderson, Chair	Jeff Kirkham, Ex Officio Member
Musa Sailu	Rosalie Kalistook, Ex Officio Member
John Hastie	rkalistook@cityofbethel.net
Jesslyn Elliot	907-543-3781
Mark Springer, Council Rep.	
Jody Brand	

I. CALL TO ORDER

II. ROLL CALL

III. PEOPLE TO BE HEARD – FIVE MINUTES PER PERSON

A. Please submit written public comments to police@cityofbethel.net by 4:00 p.m. the day of the meeting.

IV. APPROVAL OF AGENDA

V. APPROVAL OF MEETING MINUTES

VI. UNFINISHED BUSINESS

A. Taxi Cab Inspections

B. Taxi Cab Inspectin Stickers

C. Enforcement Actions for Fines and Citations

D. Identify New Taxi Schedule

E. Review of City Code Concerning Taxi and Chauffeur Licensing

F. Vehicle Nuisance Abatement

VII. NEW BUSINESS

VIII. EX OFFICIO REPORT

A. Manager's Report November 2025

IX. MEMBER COMMENTS

Posted <<DATE>> at City Hall, AC Co., Swanson's, and the Post Office.

_____
Ex-Officio Staff

X. ADJOURNMENT

Posted <<DATE>> at City Hall, AC Co., Swanson's, and the Post Office.

_____

Ex-Officio Staff

CITY OF BETHEL
PLANNING COMMISSION
THURSDAY, DECEMBER 11, 2025, 6:30 PM
LOCATION: 300 CHIEF EDDIE HOFFMAN HIGHWAY, BETHEL ALASKA

JOIN MEETING AT ZOOM.US:
HTTPS://US06WEB.ZOOM.US/J/3350154000?PWD=HYFLQJB5BBF9IUAXHBN9SOZQAFWPLS.1&OMN=81314125060
MEETING ID: 335 015 4000
PASSCODE: 140569
US TOLL-FREE PHONE NUMBERS: 888 475 4499; 833 548 0276; 833 548 0282; 877 853 5257

[IGNORE_INDENT]

MEMBERS	STAFF
Kathy Hanson, Chair Lorin Bradbury, Vice Chair Rose Henderson, Council Rep. Alex Wasierski Shadi Rabi Haley Hanson Sundi Scott Jody Brand, Alternate 1 Vacant Seat, Alternate 2	Pauline Boratko, Ex Officio Member Lee Foley, City Planner planning@cityofbethel.net 907-543-5301

I. CALL TO ORDER

II. ROLL CALL

III. PEOPLE TO BE HEARD – FIVE MINUTES PER PERSON

A. Please submit written public comments to planning@cityofbethel.net by 4:00 p.m. the day of the meeting.

IV. APPROVAL OF AGENDA

V. APPROVAL OF MEETING MINUTES

VI. UNFINISHED BUSINESS

A. Review of Nuisance Properties and Progress

VII. NEW BUSINESS

A. Review of the Planning Commission Duties BMC 2.60 and Goals for 2026

B. Review and Approve the Meeting Calendar for 2026

C. Martina Oscar Subdivision- Water and Sewer Line Extension Project Update

VIII. EX OFFICIO REPORT

A. Management Team Report

IX. MEMBER COMMENTS

X. ADJOURNMENT

Posted <<DATE>> at City Hall, AC Co., Swanson's, and the Post Office.

_____
Ex-Officio Staff

DONLIN GOLD

PROJECT UPDATE

Bethel City Council
December 16 2025

PROJECT BACKGROUND

DONLIN GOLD

OUR PRIORITIES

Build a World-Class Mine with Care
Advance a modern mining project rooted in safety and environmental responsibility

Safeguard Crooked Creek and the Kuskokwim River
Commit to responsible stewardship of the lands and waters that sustain the region

Create Lasting Economic Opportunities
Support local jobs, training, and economic development that strengthens communities for generations

Honor and Support Subsistence Traditions
Respect and protect cultural and subsistence practices

LANDOWNERS

CALISTA CORPORATION

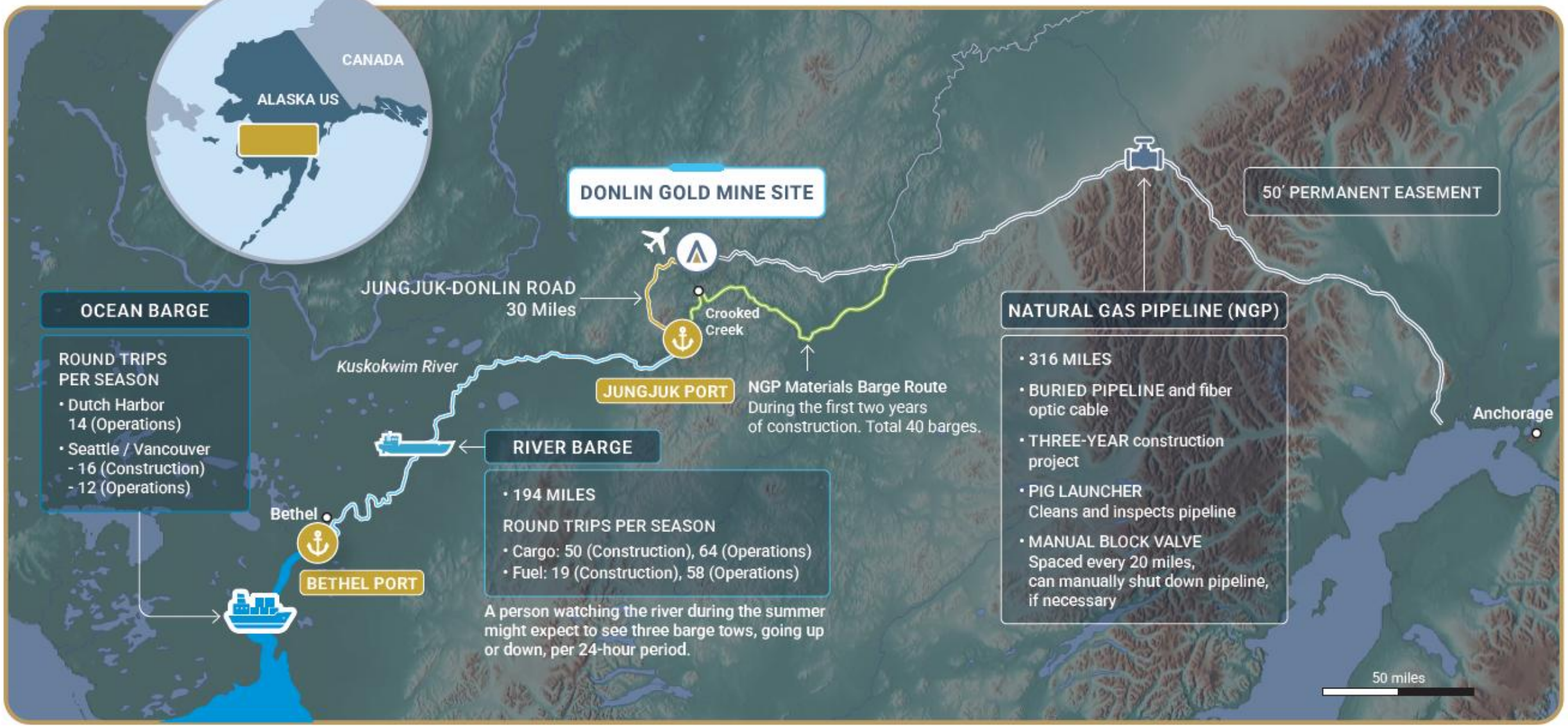
- Calista board selected the land for resource development through ANCSA in early 1970s
- Generate employment opportunities and economic benefits for Calista Shareholders
- Invited Donlin Gold to develop property for benefit of shareholders
- Exploration and mining lease
- Contributions to scholarship program

THE KUSKOKWIM CORPORATION

- Surface Use Agreement
- Agreement on construction and operation of Jungjuk (Angyaruaq) port
- Oversite during mine closure and reclamation
- Contributions to KEF scholarship

THE FUTURE OF REVENUE SHARING

- Alaska Native Claims Settlement Act (1971) ensures resource wealth be distributed equitably across all Alaska Native Corporations.
  - Section 7(i): 70% of revenues from resource development by regional corporations shared with the other regions.
  - Section 7(j): 50% of those revenues further passed on to village corporations and at-large shareholders within each region.



PROJECT OVERVIEW MAP

MINE TRANSPORTATION
AND BARGE ROUTE OVERVIEW

PROJECT OVERVIEW

Reserves:	33.9 M oz of gold
Mine Life:	~27+ years
Production:	~ 1.1 M oz/year
Operation:	Open-pit
Milling:	59,000 tons/day
Tailings:	Fully lined tailings pond/facility
Infrastructure:	Fiber network, runway, camp for 600, 30-mile road, port, pipeline
Equipment:	69 haul trucks (400 ton/ea), electric shovels
Power:	~220MW power plant

DONLIN GOLD

RECENT MILESTONES

- As of June 3, 2025, Donlin Gold is jointly owned by Paulson Advisors LLC and NOVAGOLD.
- NOVAGOLD now owns 60% of Donlin Gold.
- Paulson Advisors LLC owns 40% of Donlin Gold.
- Paulson is an investment firm that is a long-time shareholder of NOVAGOLD.
- New General Manager and External Affairs Manager hired.
- Launched process for Bankable Feasibility Study.
- Initiated work around the Supplemental Environmental Impact Statement.

Photo credit: Alaska Gov. Mike Dunleavy

TIMELINE

ACHIEVED

2025
NOVAGOLD/ Paulson Acquired Barrick's Donlin Gold Stake

2020-PRESENT
Received Key State Permits / Authorization

2018
Received Federal Permits

2011
FSU2 Study Completed (39 Moz Au M+I Resource)

NEXT STEPS

Q4 2025
Engage Top-Tier Firm for Bankable Feasibility Study (BFS)

~2027
Complete BFS and Commence Engineering

~2027-2030
Construction*

~2031
Commercial Operation*

CAPITAL NEEDS

- BFS & Engineering
- Construction
- Ongoing Project Costs (community relations, health and safety, external affairs, permitting, environment)

POTENTIAL SOURCES OF FUNDING

- Project Financing
- Equity/Debt Mix
- Strategic Partners
- Sovereign Wealth Funds
- Offtake Agreements and Government Incentives (if applicable)

*Assuming a positive construction decision in 2027

PROJECT BENEFITS ECONOMICS

$1.7 billion total payroll during construction

Royalties to Calista Corporation shared with other Native corps. under 7(i) and 7(j) revenue-sharing provisions of ANCSA

$118 million annual payroll during operations

State mining license and corporate income taxes

PROJECT BENEFITS EMPLOYMENT

Construction will generate up to 3,200 jobs for three to four years

During operations, up to 800 jobs for 27+ years with contractual preference to hire Calista and TKC shareholders

Rotational work schedule allows locals to live in their home community and continue subsistence and traditional livelihoods

PROJECT BENEFITS ENERGY

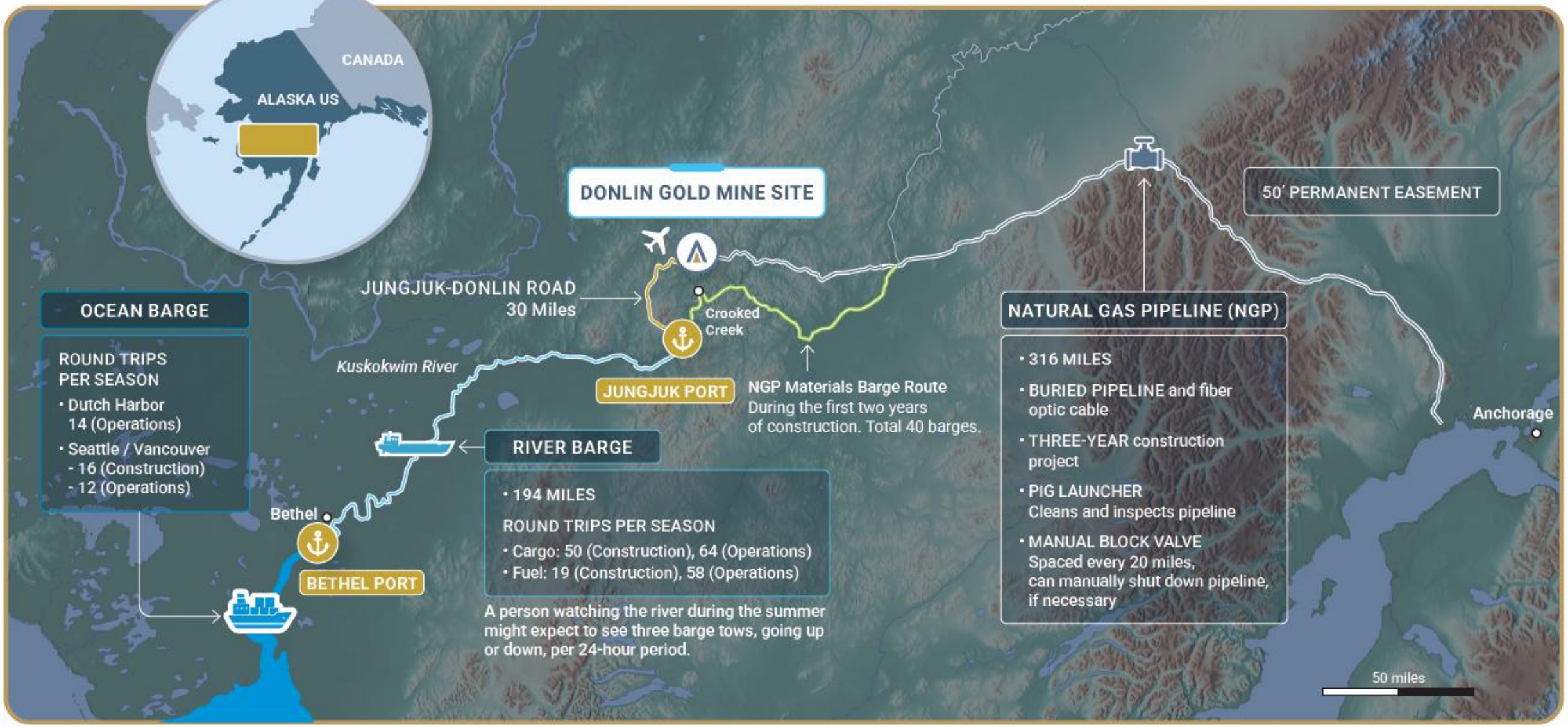
Natural gas opportunities for the region

Potential for lower and cleaner energy into the Y-K Region

Potential for other parties to distribute natural gas and generate power

ENERGY & PIPELINE STATUS UPDATE

- 2 Bankable Feasibility Studies, including Front End Engineering Design (FEED)
  - Natural Gas Pipeline
  - Power Generation
- Potential Geotechnical work on the Pipeline 2026
- Communicating with potential natural gas distributors about the project needs



PROJECT OVERVIEW MAP

MINE TRANSPORTATION
AND BARGE ROUTE OVERVIEW

Energy Needs

Key Operational Drivers:

Mill Throughput:
- 59,000 tons/day

Equipment:
- 69 haul trucks 400 tons each, Diesel or potentially LNG (95% LNG and 5% Diesel)
- Electric shovels

Electric Power Plant:

- Dual-fueled (Natural gas [**NG**] as primary and diesel as backup) reciprocating engine power plant.
- 2 Engine Rooms, each with 6 reciprocating engines, and a single separate steam turbine.
- Total connected load of 227 megawatts (MW), average running load of 153 MW, and a peak load of 184 MW.

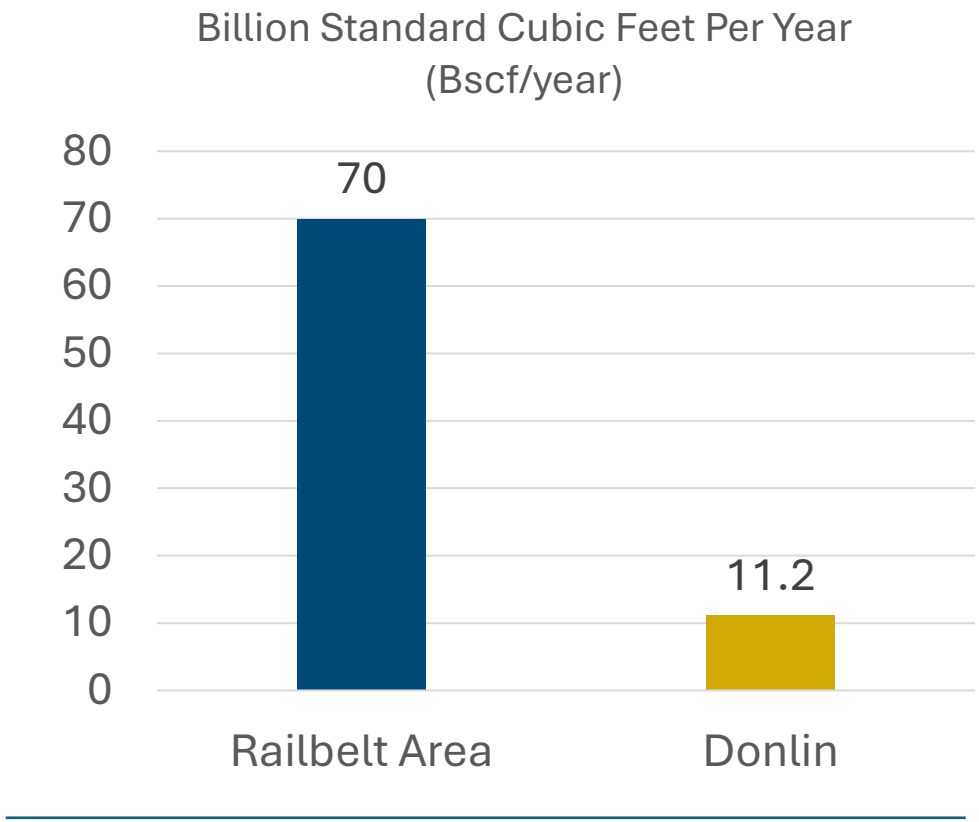
Peak Fuel Demand:

Key Operational Drivers	NG – Annual (Bscf/Year)	Diesel – Annual (Mgal/Year)
Mine with Diesel Trucks (Base Case)	11.2	42.3
Mine with LNG Trucks	15.5	13.3

Bscf = Billion standard cubic feet
Mgal = Million Gallons

Source of the NG

Donlin, would be a significant buyer NG



Natural Gas Demand

- The Donlin NG pipeline will link to the Southcentral NG distribution system. The decline in Cook Inlet NG has been anticipated for a long time, and that the solutions would entail either NG imports or North Slope gas. The project was planned for and permitted with NG imports as the fuel source.
- The development of the in-state infrastructure necessary to move gas from the North Slope can provide a more cost-effective, reliable source of energy for the Donlin project.
- Donlin has the potential to be a significant in-state buyer of NG, which could reduce the price of delivered gas to Southcentral.

Potential Energy Benefits to the Y-K Region

- The Y-K region faces high energy costs, primarily relying on diesel. The Donlin project has the potential to bring lower cost energy NG into the Y-K region.
- NG delivery infrastructure in the Y-K region could by multi-modal (e.g. smaller diameter pipelines as gas or as generated electricity through transmission lines).
- The State's plan to use in-state natural gas to meet Southcentral' s demand presents a potential solution for Southcentral, the Y-K region, and the Donlin project through AGDC's North Slope natural gas pipeline.

- The Donlin Gold has yet to make a decision regarding the construction of the project. We are working diligently to position the project in such a way that this decision can be made. However, the cost associated with the necessary infrastructure to bring in natural gas is a significant factor affecting the economics of the Donlin project.
- A crucial question remains: what will the delivered cost of gas be? Until this is determined, no decisions can be made.
- Nevertheless, we are enthusiastic about collaborating with Alaskans to develop a solution that meets the needs of Southcentral, the Y-K region, and the Donlin project.

OPERATIONS UPDATE

PROGRESS THIS YEAR

- **2025 Field Program**
  - Exploration Drilling
  - Environmental Studies
  - Reclamation
  - Snow Gulch Habitat Restoration
- **Advance Technical Studies**
  - Preparing for a Bankable Feasibility Update
- **Community & Stakeholder Outreach**
  - Public engagement to update stakeholders on project.

DONLIN GOLD

SNOW GULCH RESTORATION PROJECT

WHAT'S NEXT

The 2025 Donlin Gold 15,000-meter drill program has been completed, which concentrated on converting and expanding reserves and resources.

- Updates on the drill results will be available in the coming months.
- Bankable Feasibility Study (BFS)
- Exploring different avenues to bring natural gas to Southcentral Alaska that could benefit Donlin Gold and the Y-K region.
- Initiating hiring efforts to fill critical roles to support project development
- Planning for 2026 season

Bill Moores
Kotlik
Hamilton
Chuloonawick
EMMONAK
Yukon River
Grayling
Shageluk
Anvik
Iditarod
Flat
Ophir
Medfra
Takotna
NIKOLAI
MCGRATH
Mountain Village
SAINT MARY'S
Pitkas Point
Holy Cross
DONLIN GOLD PROJECT
Scammon Bay
MARSHALL
Paimiut
PILOT STATION
RUSSIAN MISSION
Georgetown
RED DEVIL
CROOKED CREEK
STONY RIVER
Hooper Bay
Chevak
ANIAK
Chuathbaluk
Sleetmute
Ohogamiut
Napamiute
Kalskag
Lime Village
Kuskokwim River
Newtok
TULUKSAK
NUNAPITCHUK
Akiachak
Kasigluk
Atmautluak
Akiak
BETHEL
Kwethluk
Oscarville
Tununak
NAPASKIAK
Nightmute
Tuntutuliak
Nunivak Island
Chefornak
EEK
Port Alsworth
Kipnuk
Kongiganak
Nondalton
KWIGILLINGOK
Quinhagak
Koliganek
Newhalen
Iliamna

LOCAL HIRE

WORKFORCE DEVELOPMENT

- **Goal:** invest in local hire and ensure access to the training needed to succeed.
- Work with Calista Corporation and The Kuskokwim Corporation to focus on building opportunities within the region.
- Mining experience not required for a role at Donlin Gold.
- Near term hiring through the end of the year, eventually plan to operate year-round.

Find current job openings at DonlinGold.com or check with Calista or TKC.

DONLIN GOLD

POSITIONS AT DONLIN EXPLORATION CAMP

DONLIN GOLD

Field Technician – equipment operation, trail and drill pad preparation

Geotechnician – cutting, transporting, and storing drill core. Small equipment operation

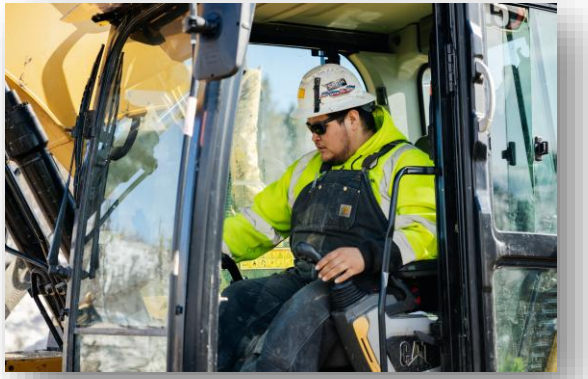
Warehouse Technician – maintain warehouse inventory. Small equipment operation

Diesel Mechanics – Heavy equipment maintenance and repair

Environmental Technicians – Heavy equipment maintenance and repair

Administrative – Flight schedule, camp check-in, tent assignments

Catering and Housekeeping – Kitchen staff and camp cleaning duties (positions with ESS)



*Many positions do not require experience. Additional training is conducted **ON THE JOB.**

POSITIONS DURING CONSTRUCTION AND OPERATIONS

Operations & Field Work
Construction
Heavy Equipment Operations
Blasting
Drilling
Maintenance
Mechanical
Milling/Processing
Refining
Port Management
Barge Operations
Warehousing

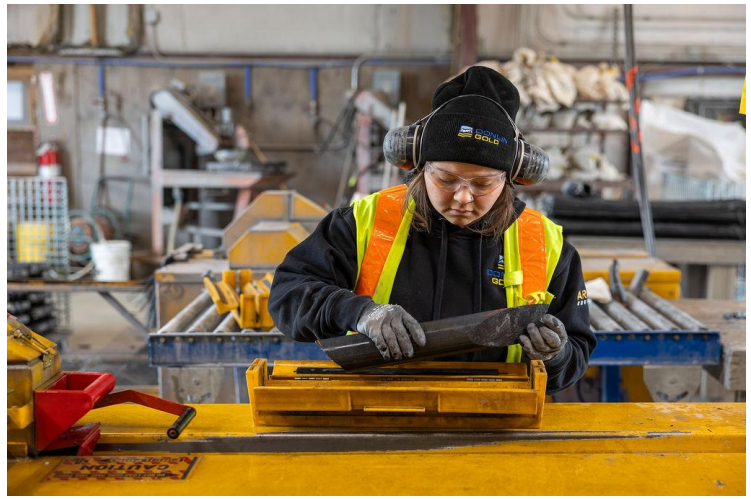
Transportation & Site Logistics
Airport Management
Aviation
Logistics

Community & Support Services
Counseling
Emergency Response

Administrative & Professional Services
Administration
Finance
Human Resources
Information Technology
Engineering

Science & Technical Support
Geology
Environmental Science
Health & Safety

Trades & Facilities
Electricians
Plumbers
Carpenters
Housekeeping
Catering



PERMITTING & LEGAL UPDATE

KEY PERMITS

Key Federal permits for the Donlin Gold project are in hand, State permitting is on-track

Federal Permitting Completed
✓ Final Environmental Impact Statement (EIS)
✓ Joint Record of Decision (ROD) by the U.S. Army Corps of Engineers and Bureau of Land Management (BLM)
✓ Section 10/404 (wetlands) permit and BLM Offer to Lease for pipeline
✓ Pipeline and Hazardous Materials Safety Administration

State Permitting On-track
✓ Dam Safety (multi-year commitment)
✓ Submitted preliminary design packages as next step in State approval process

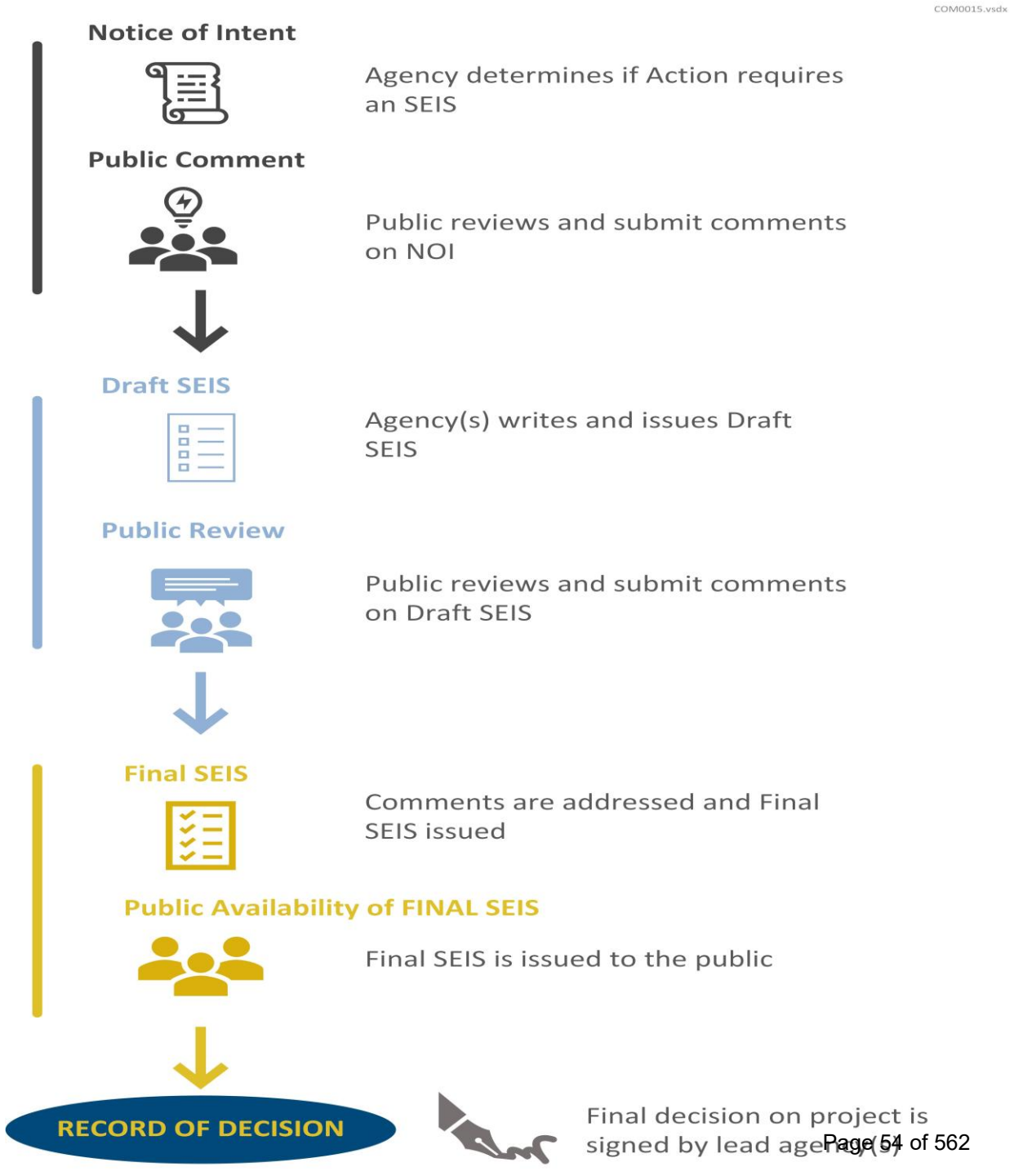
State Permitting Completed
✓ Air Quality
✓ Alaska Pollutant Discharge Elimination System
✓ Clean Water Act Section 401 Certification
✓ Reclamation Plan
✓ Title 16 Fish Habitat
✓ Waste Management
✓ Pipeline Right-of-Way
✓ Land leases, easements, and use agreements (non-pipeline)
✓ Water Rights
✓ Public Right-of-Way re-locations in mine area and along access road

Supplemental Environmental Impact Statement (SEIS)

- Federal Court ruled the U.S. Army Corps of Engineers (USACE) and the Bureau of Land Management (BLM) needs to evaluate the effects of a larger hypothetical tailings release in the EIS.
- The Court remanded the agencies to Supplement the EIS record without vacating the permits.
- What it means:
  - There will be additional analysis of a larger hypothetical tailings release, with public input and review.
  - The size of the tailing release will be selected during the SEIS process.
  - The tailings dam design is safe. This remand does not require changes to the dam design, but it does present an opportunity to strengthen the analysis and continue to address community concerns.

SEIS Process

- The U.S. Army Corps of Engineers is preparing to initiate the process



Fixing America's Surface Transportation Act (FAST-41)

Increased Predictability Federal agencies must collaborate on creating and managing permitting timetables.

Enhanced Coordination One-stop shop for project sponsors and federal agencies to coordinate progress and timeline extensions

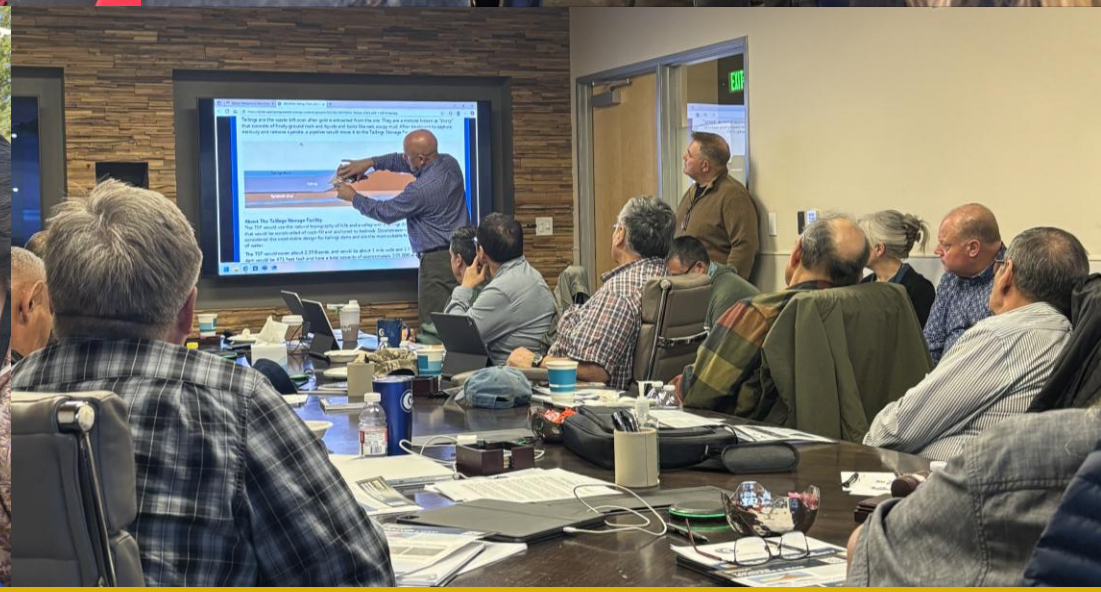
Transparency & Accountability Public access to permitting timetables and federal decisions alongside Permitting Council oversight

- Requires development of a schedule and a "dashboard" so agencies and project sponsors (ie., Donlin Gold) can manage the project on a predictable timeline

- The dashboard is used for coordination and does not interfere with the regulatory process

WORKING WITH STAKEHOLDERS

DONLIN GOLD



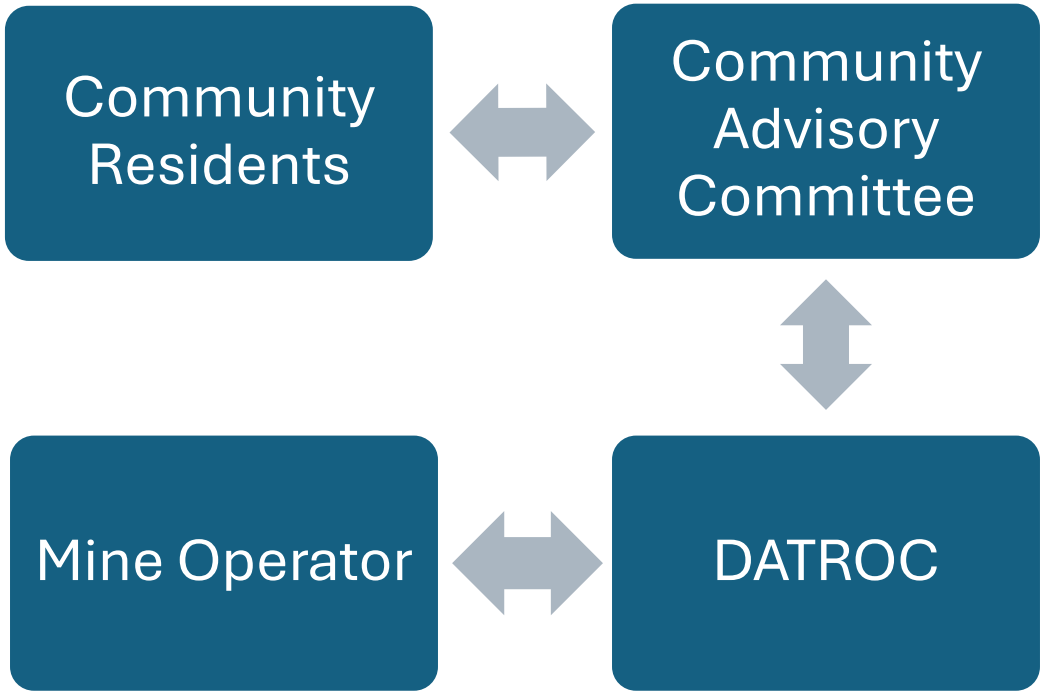
ONGOING COMMUNICATION

PROJECT SITE TOURS

DATROC

Donlin Advisory Technical Review & Oversight Committee (DATROC)

- 6-member committee
  - 3 representatives from Donlin Gold
  - 2 from Calista
  - 1 from TKC
- Quarterly meetings throughout project lifespan
  - Share updates on project development
  - Discuss feedback from Community Advisory Committees



SUBSISTENCE COMMUNITY ADVISORY COMMITTEE

- Formed in 2023
- Provides input on subsistence matters
- 6 meetings to date
- More info at https://letstalkdonlin.com

ENVIRONMENTAL PROJECT PARTNERSHIPS

GEORGE RIVER SALMON SMOLT PROJECT

Transporting Fish Trap to installation site

Fish Trap looking upstream

Partnership with Native Village of Napaimute

Fish Trap collection

AVCP Water Quality Training

AVCP Training Room

TKC Spill Response Training

COMMUNITY INVESTMENT

QUESTIONS & COMMENTS

Project Summary

Reserves: 33.9 million ounces of gold

Mine Life: ~27+ years

Production: ~ 1 million ounces/year

Operation: Open pit

Milling: 59,000 tons/day

Tailings: Fully-lined storage facility

Infrastructure: Runway, camp, 30-mile road, 2 ports, 316-mile pipeline

Equipment: 69 haul trucks (400 tons each), electric shovels

Power: ~220 MW power plant on site for energy needs

Jobs: up to 3,000 during construction, (3-4 years); 400-800 during operations (27+ years)

DONLIN GOLD

2525 C Street
Suite 450
Anchorage, AK 99503

Phone: (907) 273-0200
Email: info@donlingold.com
donlingold.com

DONLIN GOLD

QUICK FACTS

For more in depth information about the project, please visit www.donlingold.com or contact Donlin Gold at (907) 273-0200 or toll-free (888) 225-7590.

Contents (in Alphabetical Order)

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Barging 5
Community Involvement 7
Cyanide 2
Jobs & Economic Benefit 3
Mercury 3
Mitigation 4
Next Steps in Project Development 7
Permitting 6
Pipeline 6
Project Map 8
Project Summary ..... Back Cover
Public Input 7
Reclamation and Closure Plan and Financial Assurance 2
Spill Response 5
Subsistence 6
Tailings Storage Facility (TSF) 1
Water Management 1

Published Oct. 2025

Tailings Storage Facility (TSF)

- ✓ Donlin Gold's proposed tailings dam would be constructed using the safest methods that have been proven to minimize the risk of failure, including potential earthquakes. Using a rock-filled, downstream design, the tailings storage facility is the most stable of all damn designs. The proposed synthetic liner represents best practices, reducing risk of impacts to water resources during operations and over the long term.
- ✓ The Donlin Gold tailings dam design (downstream) is completely different than the failed Mt. Polley dam design (modified centerline).
- ✓ Donlin Gold is not located in an active earthquake zone. The tailings dam, however, will be engineered to withstand a large-magnitude earthquake.
- ✓ The tailings dam will be regularly inspected and monitored for safety and stability. Independent, third-party engineering reviews will also be conducted periodically by the State of Alaska's Dam Safety Program.
- ✓ At the end of the mine's life, water will be removed from the TSF to achieve a 'dry closure' and it will be covered with rock, soil and vegetation.

Water Management

- ✓ All water that comes into contact with the mine area will be treated prior to discharge. The discharged water will be treated to meet state of Alaska drinking water standards.
- ✓ The state waste water discharge permit includes very stringent monitoring requirements that Donlin Gold must follow to document the accuracy and quality of the data.
- ✓ While it is true that some "fish supporting" waterways would be removed, most of the miles lost represent very small tributaries that do not support aquatic life populations.
- ✓ Donlin Gold will continue to engage with residents in the region to provide information and answer questions related to mercury and other issues, including results of the mercury management and monitoring programs.

Acid Generating Potential

- ✓ About 8% of the waste rock at Donlin Gold has acid-generating potential. Donlin Gold will carefully manage this material to minimize the risk of acid generation and ensure that all runoff and seepage is controlled. There will be no discharge of untreated, acid-rock drainage water.

Cyanide

- ✓ Cyanide is a natural chemical found in low concentrations throughout nature, including fruit, nuts, plants, insects – and the waters of the Y-K region. It has been used in mining and many other industries (e.g., dying blue jeans) for well over 100 years and can be used safely and without harm to the environment.
- ✓ Cyanide will be used to dissolve the gold from the crushed rock slurry. Dry sodium cyanide briquettes will be shipped to the mine site in sealed steel tanks.
- ✓ The briquettes will be dissolved and used as a low concentration cyanide solution within the enclosed processing facility.
- ✓ After use in the processing facility, cyanide will be broken down into its harmless component parts (carbon and nitrogen). Before being placed into the TSF, cyanide will be removed by proven methods to levels protective of wildlife.
- ✓ Any water discharged into Crooked Creek must meet stringent state water quality standards approved by the Environmental Protection Agency.

Reclamation and Closure Plan and Financial Assurance

- ✓ As required by state regulations and permits, Donlin Gold's Reclamation and Closure Plan addresses both site closure and reclamation, along with long-term care and maintenance, including plans for water management and treatment to meet standards for as long as needed. The financial assurance will cover the costs of these activities.
- ✓ Site reclamation, closure of the mine and long-term water treatment will be fully funded before Donlin Gold can start construction.

Jobs and Economic Benefits

✓ Donlin Gold has proven its commitment to hiring Calista and TKC shareholders and their families, with a local-hire, record rate that has exceeded 90% at the Donlin Gold camp in some years.

✓ During construction, most of the work will be conducted through qualified contractors, which have shareholder hiring preference. During the 27-plus years of operation, Donlin Gold will be responsible for hiring its workforce, which is expected to be greater than 500 employees.

✓ Through partnerships and third-party affiliations, the project will indirectly support many other businesses and sectors that supply mining operations with goods and services.

✓ The Donlin Gold project will greatly enhance the overall economic development of the region and will contribute statewide through ANCSA 7(i) and 7(j) distributions, which will benefit the shareholders and families of the 12 ANCSA regional corporations and more than 200 village corporations, thus benefiting Native people throughout Alaska and, by extension, all Alaskans.

✓ With transportation provided to and from their home villages, Donlin Gold's rotating work schedule allows regional employees to stay rooted in their home communities while earning a reliable income that supports their families and the supplies needed for subsistence activities.

✓ We can have good jobs, responsible development and subsistence.

Mercury

✓ Mercury occurs naturally in the rock at the Donlin Gold site.

✓ Donlin Gold will capture 99% of mercury air emissions. This will be well below levels allowed by regulation.

✓ Mercury that is captured during the milling process will be shipped out of state in specially-designed containers to a federally-approved storage facility in the lower 48.

✓ All mercury waste will be carefully tracked through each stage of generation, storage and transport.

✓ Water in Crooked Creek naturally contains mercury. Donlin Gold's state-of-the-art water treatment process will remove 75% of the naturally occurring levels of mercury. All discharged water will meet drinking water standards.

✓ Donlin Gold has developed an environmental monitoring program that will include regular sampling of sediment, water and fish for mercury near and downstream of the mine site.

✓ Donlin Gold conducted a watershed analysis that showed a 2% loss of fish habitat from the fish-bearing streams in the Crooked Creek watershed. Only about 0.7 miles of salmon habitat will be lost on two streams at Donlin Gold (only coho salmon and no spawning habitat).

✓ As required by its mitigation plan, Donlin Gold has initiated the restoration of approximately 1.5 miles of high-value resident and coho salmon habitat in the Upper Crooked Creek watershed that was heavily impacted by historic placer mining.

✓ The water discharge permit uses the most stringent water-quality standards. These standards are designed to protect fish and human health.

Mitigation

✓ Mitigation often takes the form of either restoring wetlands that have been affected by other disturbance and/or preserving wetlands that are under threat of development

✓ Donlin Gold's plan for mitigating impacts to wetlands and streams meets all regulatory requirements, more than compensates for unavoidable losses of aquatic resources and goes well beyond what has been required for other large projects in Alaska.

✓ Donlin Gold's restoration plan involves protecting wetlands and creating 2 miles of habitat in the Crooked Creek watershed heavily impacted by historic placer mining. This will more than compensate for the loss of fish habitat at the mine site.

Barging

- ✓ Barging is necessary to transport cargo and fuel to the mine site during construction, operations and closure.
- ✓ Donlin Gold has listened to local concerns regarding barging and its plan has continually evolved to address feedback from YK region residents. A pipeline has been added to greatly reduce fuel barging. Donlin Gold proposes to implement a range of mitigation measures (including double-hull fuel barges, navigation aids, the barge communication plan, etc.) to minimize potential effects.
- ✓ Barges have been running safely on the Kuskokwim for decades without major problems.
- ✓ Barge wakes will have minimal impact on bank erosion. The biggest contributor to erosion is high, seasonal flows, such as during break-up.
- ✓ During operation it is estimated that there will be 3 barge tows traveling 202 miles one-way on the river per day between Bethel and Jungjuk throughout the barge season.
- ✓ The shallow-draft barges will be designed specifically for use on the Kuskokwim River.
- ✓ There will be real-time tracking of river flow and barges will only be loaded to the draft available on the river at the time of the trip. If the water level is low, the barge loads will be reduced.
- ✓ The project is working on a communication plan that would keep communities and river users informed on barging activity in real time and include a stakeholder advisory committee.

Spill Response

- ✓ Donlin Gold is required to plan for potential spills of diesel fuel and other hazardous materials. This includes being able to respond to any type of spill in a timely manner to limit potential impacts. Spill response equipment will be located at strategic locations along the transportation corridor. Employees, contractors and, where possible, local residents, have and will be trained in spill response.
- ✓ Donlin Gold is a member of Chadux, a membership-based organization committed to protecting Alaska's environment in a safe, efficient and cost- effective manner. https://www.chadux.com/

Pipeline

- ✓ The proposed pipeline reduces the requirements for, and potential impacts from, fuel barging on the Kuskokwim River. The pipeline was chosen, in part, in response to concerns expressed from YK residents about barge traffic.
- ✓ All pipeline construction infrastructure and temporary roads will be removed and fully reclaimed once the pipeline is complete.
- ✓ Donlin Gold expects to use approximately 50% of the pipeline design capacity, which means that other users could potentially deliver natural gas through the pipeline for other purposes.

Subsistence

- ✓ Donlin Gold, Calista and TKC are committed to protecting subsistence resources in the YK region.
- ✓ Donlin Gold has conducted rainbow smelt and salmon studies in preparation for mine construction. These studies will be maintained during operations to monitor the populations and assess any impacts from mine activities.
- ✓ Donlin Gold, Calista and TKC have created the Subsistence Community Advisory Committee, a mechanism for residents of the YK region to stay informed on project progress and provide their perspective on subsistence related matters.

Permitting

- ✓ The project now has the federal permits and most of the state permits required to proceed. Other state permits will take a couple more years to acquire.

Next Steps in Project Development

- ✓ Donlin Gold and its owner companies are working to determine the next steps to reach a construction decision based on current economic conditions. This includes updated engineering work on how best to develop, build and operate the project.
- ✓ A new bankable feasibility study will be completed and other factors need to be considered, including the price of gold, construction and operating costs, along with the conditions placed in the various federal and state operating permits.
- ✓ Today, it takes more than 20 years for a project like Donlin Gold to go from discovery to production.

Community Involvement

- ✓ For over 25 years, Donlin Gold has partnered with communities across the Yukon-Kuskokwim region, prioritizing transparency and open dialogue every step of the way. Our ongoing investments in education and workforce development are designed to ensure that YK residents are prepared to benefit fully as the project advances.
- ✓ Donlin Gold invests over $1million annually in programs across the YK region that support education, cultural preservation, environmental stewardship, and community health and safety.
- ✓ Input from stakeholders in the region, including employees from YK communities, has strengthened Donlin Gold's knowledge of the region and contributed to positive changes to the project.

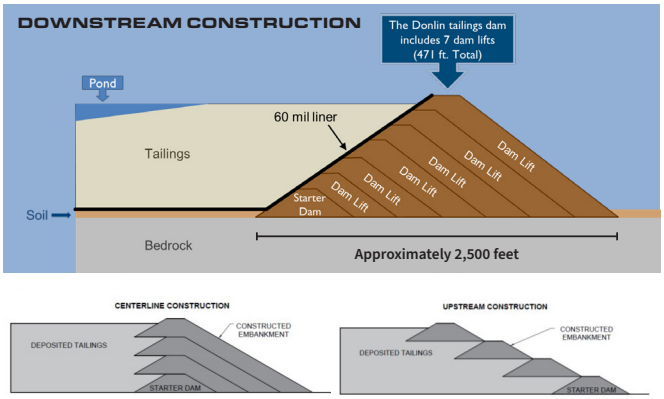
Public Input

- ✓ Donlin Gold conducts outreach throughout the region to keep stakeholders informed on project progress. Sign up for our e-newsletter at **donlingold.com/news.** We also provide information about the project through **DonlinGold.com** and **LetsTalkDonlin.com**. You may also reach out to the project at **info@donlingold.com.**

DONLIN GOLD

TAILINGS STORAGE & DAM

MORE INFORMATION:

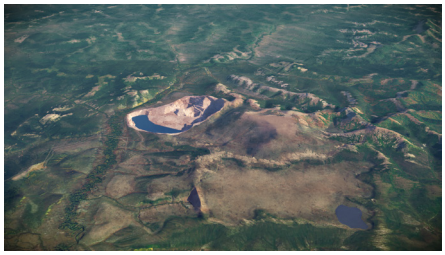


- The **Tailings Storage Facility (TSF)** is located approximately 10 miles from the Kuskokwim River.
- Tailings will be treated prior to entering the TSF to reduce cyanide levels. The tailings are not acid generating.
- Generally, engineered dams that are constructed, operated and maintained properly do not fail. Water management is a significant aspect for the project; understanding and managing the site water balance is important for safe TSF operation.

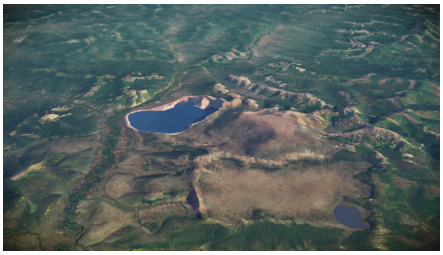
MINE DEVELOPMENT AND RECLAMATION

After closure, water will be pumped out of the TSF to the open pit. The TSF and waste rock facility will be regraded, covered and revegetated. The pit would begin to fill over a long period of time, approximately 50 years. When filled, water would be treated to meet water quality standards for protection of aquatic life and human health prior to discharge.

End of mine life—year 27

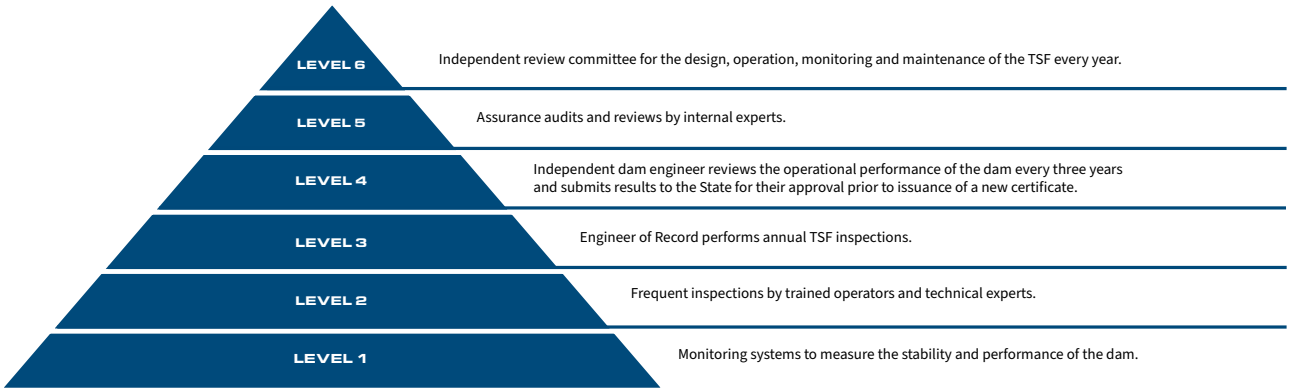


Final reclamation and closure view—year 5



Final reclamation and closure view—year 50

SIX LEVELS OF MONITORING THE TAILINGS DAM



TAILINGS STORAGE DAM OVERSIGHT:

☑ State of Alaska ☑ Calista Corporation and The Kuskokwim Corporation
☑ Internal technical experts ☑ Independent technical experts and review boards

DONLIN GOLD

SUPPLEMENTAL ENVIRONMENTAL IMPACT STATEMENT (SEIS) UPDATE

MORE INFORMATION:

The 2018 Final Environmental Impact Statement (EIS) evaluated a hypothetical failure of the project's proposed Tailings Storage Facility (TSF) Main Dam, considering a release involving a 0.5% of the dam's total capacity. The Orutsararmiut Native Council (ONC) challenged the analysis arguing that larger failures should be evaluated. On Sept. 30, 2024, the Alaska District Court ruled that the U.S. Army Corps of Engineers (USACE) and the Bureau of Land Management (BLM), should have evaluated the effects of a larger hypothetical spill. In June 2025, the scope of the remand ruling was issued, requiring the USACE and BLM to supplement the current EIS to include this expanded evaluation.

WHAT TO EXPECT: SEIS PROCESS

Notice of Intent (NOI)
The NOI will notify the public that USACE and BLM are preparing a SEIS, as required by the court ruling. The SEIS will focus on analyzing a larger hypothetical tailings spill, and the public will be invited to comment on this specific issue.

Public Comment
Public reviews and submit comments on NOI

Draft SEIS
Agency(s) writes and issues Draft SEIS

Public Review
Public reviews and submit comments on Draft SEIS

Final SEIS
Comments are addressed and Final SEIS issues

Public Availability of FINAL SEIS
Final SEIS is issued to the public

RECORD OF DECISION
Final decision on project is signed by the USACE and BLM

WHAT THIS MEANS

- This does not mean the tailings dam design has changed or that the risk is higher.
- Instead, this is about adding another "what if" scenario to the already thorough review process.
- The USACE and BLM will use this new information to inform their decisions on the project.

PROJECT SAFETY AND ENVIRONMENTAL PROTECTIONS

- Donlin Gold incorporates advanced safety features, real-time monitoring, and strict protocols to reduce risks during construction, operation, and closure.
- The Alaska Dam Safety Program, managed by the Department of Natural Resources, must approve each phase of tailings dam construction; progress halts if any stage fails to meet design standards.
- The Donlin Gold TSF Dam will be a rock-filled, downstream structure built on bedrock, with rigorous monitoring throughout construction, operation, and closure to ensure stability.

HOW CAN I MAKE A COMMENT OF RECORD?

The U.S. Army Corps of Engineers will lead the SEIS process and will offer public comment and review periods throughout the entire process.

WHERE CAN I FIND OUT MORE ON THIS?

For more information, visit LetsTalkDonlin.com.

Donlin Gold will continue to work closely with stakeholders throughout the SEIS process.

DONLIN GOLD

PREPARE YOURSELF TODAY FOR FUTURE JOBS

No matter what your career goals are, getting the proper training and education is important.

Donlin Gold is committed to hiring a local workforce. Residents with the proper skills who are Calista or The Kuskokwim Corporation shareholders are more likely to be hired.

TALENT BANK

Help us determine local training and education needs by filling out a talent-bank profile. Your profile with help us gauge the overall skill level of YK region residents and where to focus training and education.

Please submit your resume to:

- → **DonlinGold.com/careers/current-openings**
- → **Click: *Shareholder Recruitment***

Note: Your talent-bank profile is not an application for employment.

EDUCATIONAL OPPORTUNITIES

INVEST IN YOUR FUTURE

Prepare for the future workforce by taking advantage of educational opportunities supported by Donlin Gold.

CALISTA EDUCATION AND CULTURE SCHOLARSHIP (CEC)

- Donlin Gold contributes $100,000 annually to support the CEC scholarship.
- CEC provides financial assistance for Calista Corporation Original Shareholders or Direct Lineal Descendants.
- The CEC Scholarship Program has application periods for both Academic and CTE Scholarships
  - Academic: March 1 – May 15 (full year) and Sept 15 – Nov 15 (partial year)
  - CTE: Quarterly application cycles

For more information, visit: **www.calistaeducation.org** or search "Calista Education and Culture" on Facebook.

As these scholarships do not typically cover the full cost of education, students are encouraged to investigate the Alaska Student Loan Program and programs offered by the Bureau of Indian Affairs for additional funding.

KUSKOKWIM EDUCATIONAL FOUNDATION (KEF)

- Donlin Gold contributes $50,000 annually to support the KEF scholarship.
- Funds provide financial assistance for Kuskokwim Corporation Shareholders and Descendants.
- Scholarships are awarded twice a year
  - Kuskokwim Educational Foundation Scholarship
  - Donlin Gold Kuskokwim Educational Scholarship
  - Visit the TKC website for deadlines
- Awards are generally for a one-year period and range from $100 to $1,500.

For more information, visit: **kefalaska.org**

LEARN ABOUT SCHOLARSHIP OPPORTUNITIES ONLINE

CALISTA EDUCATION AND CULTURE INC.

www.calistaeducation.org

KUSKOKWIM EDUCATIONAL FOUNDATION

kefalaska.org

DONLIN GOLD

CALISTA EDUCATION & CULTURE

THE KUSKOKWIM CORPORATION
cutting a path to a better future

DONLIN GOLD

PATH TO PROSPERITY

ABOUT THE PROJECT

Donlin Gold LLC is proposing an open-pit gold mine in Southwest Alaska, about 10 miles north of Crooked Creek, on lands owned by Calista Corporation and The Kuskokwim Corporation. The site holds an estimated 33.9 million ounces of gold, with a projected 27-year mine life and average annual production of 1 million ounces.

EMPLOYMENT

- Commitment to hiring Calista and TKC shareholders and their families.
- Hired from over 25 Y-K communities.
- Construction will generate up to 3,000 jobs for 3-4 years.
- Operations will generate up to 800 jobs statewide for 27+ years.
- Rotational work schedule allows locals to live in their home community and continue subsistence and traditional livelihoods.

ECONOMIC BENEFITS

- $1.7 billion total payroll during construction
- $118 million annual payroll during operations
- Annual Mining Royalties paid to Calista and TKC.
- Bidding preference on services contracts for Calista and TKC.
- Increased ANCSA 7(i) and 7(j) revenue sharing.
- State mining license and corporate income taxes.
- Through partnerships, the Project's operations will support businesses and sectors that provide goods and services.
- Donlin Gold will provide a stable income to the regional workforce, one they need to buy the tools, materials and fuel required to hunt, fish, gather and subsist, and to keep families from moving out of their villages.
- Over one million annual community investments

PERMITTING

- Most major permits in hand. Currently working on permitting of the mine site dams, including the tailings dam.

SUBSISTENCE

- Project designed to support subsistence lifestyles and avoid or minimize conflict.
- Collaboration with Subsistence Community Advisory Committee.

NEXT STEPS

Q4 2025
Engage top-tier firm for bankable feasibility study (BFS)

~2027
Complete BFS and commence engineering

~2027-2030
Construction*

~2031
Commercial operation*

*Assuming a positive construction decision in 2027

PROJECT LOGISTICS

The Project is remote and needs an on-site natural gas power plant and a supply transportation network. Diesel fuel will power the mining fleet and serve as backup fuel for the power plant.

NATURAL GAS PIPELINE

- 14-inch diameter, 316 miles long buried steel pipeline.
- Pipeline aims to reduce diesel fuel use and barge traffic.
- Designed to handle extra capacity, the pipeline will create LNG access opportunities for the Y-K region.

Construction

Operations

The natural gas pipeline will be buried.

BARGING

- 24/7 operation, 80 hours roundtrip.
- 3 barges per day.

Barging Simulation

REGIONAL INVESTMENTS

Restoration near Crooked Creek

Restoration and creation of additional aquatic habitat in Crooked Creek drainage.

George River Salmon Smolt Study

Collaboration with the Native Village of Napaimute for monitoring salmon smolt in the George River.

Summer Safety Program

For the past 10 years, Donlin Gold provides around 600 lifejackets annually across the Y-K region.

Backhaul Project

Seven years and over 800,000 pounds of solid waste and recyclables removed from Y-K Region.

Introduced by: City Manager Strickler
Introduction Date: November 12, 2025
Public Hearing: December 16, 2025
Action:
Vote:

CITY OF BETHEL, ALASKA

ORDINANCE 25-19

AN ORDINANCE BY THE BETHEL CITY COUNCIL AMENDING BETHEL MUNICIPAL CODE CHAPTER 4.16, SALES TAXES, TO DEFINE BUNDLED TRANSACTIONS AND PROVIDE FOR THE REMITTANCE AND COLLECTION OF SALES TAX ON BUNDLED TRANSACTIONS

WHEREAS, Bethel Municipal Code (BMC) chapter 4.16 governs the filing and collection of sales taxes within the City;

WHEREAS, the City has a fiduciary duty to collect sales taxes levied within the City, because proceeds from sales tax constitute, by far, the principal source of municipal revenue;

WHEREAS, sales taxes are used to fund essential city services, and if not properly collected, diminish public resources and give delinquent businesses an unfair advantage;

WHEREAS, BMC 4.16.160 provides for exemptions and limitations on exemptions from taxation for certain sales of goods and services;

WHEREAS, where businesses provide both taxable and exempt goods and/or services together and collect and remit sales tax for those goods and services on a single invoice, it is often cumbersome for both the business and the city to separate the exempt from the non-exempt sales in these "bundled transactions," often resulting in a loss of sales tax revenue to the City;

WHEREAS, many communities throughout the state remedy this problem by defining "bundled transactions," and allowing the City to treat exempt and non-exempt sales bundled together as single taxable transactions, while still permitting businesses to itemize invoices and bifurcate exempt from non-exempt sales if they wish; and

WHEREAS, defining and providing for bundled sales tax transactions will promote fairness and improve the accuracy of sales tax collection and remittance in Bethel.

NOW THEREFORE BE IT ENACTED BY THE CITY COUNCIL OF THE CITY OF BETHEL, ALASKA,

Section 1. Classification. This ordinance is permanent in nature and shall be placed in the Bethel Municipal Code.

Section 2. Amendment. Bethel Municipal Code 4.16 is amended; old language is stricken, and new language is underlined.

4.16.010. Definitions

A. "Bundled transaction" means the retail sale of two or more products, except real property and services to real property, where (1) the products are otherwise distinct and identifiable, and (2) the products are sold for one non-itemized price. A bundled transaction does not include the sale of any products in which the sales price varies, or is negotiable, based on the selection by the purchaser of the products included in the transaction.

1. Distinct and identifiable products do not include:

(a) Packaging - such as containers, boxes, sacks, bags, and bottles - or other materials - such as wrapping, labels, tags, and instruction guides - that accompany the retail sale of the products and are incidental or immaterial to the retail sale thereof.

(b) A product provided free of charge with the required purchase of another product. A product is provided free of charge if the sales price of the product purchased does not vary depending on the inclusion of the product provided free of charge.

2. The term "one non-itemized price" does not include a price that is separately identified by product on binding sales or other supporting sales-related documentation made available to the customer in paper or electronic form including, but not limited to an invoice, bill of sale, receipt, contract, service agreement, lease agreement, periodic notice of rates and services, rate card, or price list.

3. A transaction that otherwise meets the definition of a bundled transaction as defined above, is not a bundled transaction if it is:

(a) The retail sale of tangible personal property and a service where the tangible personal property is essential to the use of the service, and is

provided exclusively in connection with the service, and the true object of the transaction is the service; or

(b) The retail sale of services where one service is provided that is essential to the use or receipt of a second service and the first service is provided exclusively in connection with the second service and the true object of the transaction is the second service; or

(c) A transaction that includes taxable products and nontaxable products and the purchase price or sales price of the taxable products is de minimis.

B. "Buyer" means and includes persons who acquire interest in real or personal property, or the right to use or occupy property, or who receive a service for consideration.

C. "Business" means and includes all activities or acts, personal, professional or corporate, engaged in or following or engaging in a trade, profession or business (including receipts from advertising services, recreation-related services, rental of personal or real property, construction, processing manufacturing, fisheries businesses, liquor license, insurance businesses, mining and coin-operated amusement and gaming machines, but excluding fishermen), calling or vocation, with the object of financial or pecuniary gain, profit or benefit, either direct or indirect, and not exempting subactivities producing marketable commodities or services used or consumed in the main business. The giving or supplying of services as an employee to an employer does not constitute "business" under this chapter. The selling of games of skill and chance, even if done by a nonprofit organization, does constitute "business" under this chapter.

D. "City" means the city of Bethel.

E. "Coin-operated machine" means a slot machine, jukebox, merchandise vending machine, laundry and any other service dispensing machine or amusement device of any kind which requires the insertion of currency to make it operative.

F. "Consumer" means the person who, in the ordinary meaning of the term, takes title to, takes possession of, or rents property, or receives services for consideration.

G. "Engaging in business" means carrying on or causing to be carried on any activity with the purpose of direct or indirect economic benefit.

H. "Federally recognized Indian tribe" means an Indian or Alaska Native tribe, band, nation, pueblo, village or community that the Secretary of the Interior has

acknowledged to exist as an Indian tribe pursuant to the Federally Recognized Indian Tribe List Act of 1994, Public Law 103-454, 25 USC 479a.

I. "Finance director" means the finance director of the city or the designee of the finance director, the city manager or the city council; the designee may be an employee of the city, an accountant or other person who is not an employee of the city, a certified public accounting firm or other type of firm.

J. "Goods," "fixtures," "investment securities," "general intangibles," "accounts," "chattel paper," "documents," "instruments" and "money" and their singulars have the meanings given the terms by the Alaska Uniform Commercial Code, AS 45.01 et seq., as amended.

K. "Lease," "leasing" or "rental," regardless of whether a transaction is characterized as a lease or rental under generally accepted accounting principles, means a transfer of possession or control of tangible personal property or real estate of a fixed or indeterminate term for consideration; a lease or rental may include future option to purchase or extend. The provisions of 26 USC (Internal Revenue Code), AS 45.01 through AS 45.08, AS 45.12, AS 45.14 and AS 45.29 (Uniform Commercial Code) shall apply.

L. "Person" means an individual, partnership, cooperative, association, joint venture, corporation, estate trust, business, receiver, or any entity, group or combination acting as a unit.

M. "Political subdivision" means a local government created by the state of Alaska to help fulfill its obligations. Political subdivisions include counties, cities, towns, villages, and special districts such as school districts, water districts, park districts, and airport districts.

N. "Price" means the amount of money, or the fair market value of consideration other than money, that the buyer gives to the seller in exchange for the property, the right to use or occupy the property, or the rendering of services.

O. "Rental" means any transfer of the right to use or occupy property for consideration.

P. "Responsible individual" means any individual, including a group of individuals such as a board of directors, partnership, joint venture, corporation or other entity, who has the responsibility to, is required to, or has the authority to direct or cause another person to:

1. Collect the tax levied under this chapter;

2. Segregate funds in lieu of the direct collection of the tax under this chapter;

3. Remit over to the city taxes required to be collected under this chapter; or

4. Determine which creditors of the seller are to be paid; and may include, but is not limited to, such officers and employees of a seller as the chief executive officer, president, vice president for finance, controller, comptroller, treasurer, bookkeeper, majority shareholder, finance director, manager, partner, managing partner, chief fiscal or financial officer and accountant if they possess any of the authority, responsibility or duties described in this definition.

Q. "Resale" means to sell again and is limited to items which are resold per se or are physically present in a final product which is sold and is subject to tax at the time of final sale. The item must be easily and readily identifiable in the final product.

R. "Sale" or "retail sale" or "sale at retail" means every sale or rental of real property or sale or rental of personal property (whether tangible or intangible), every sale or exchange of services, including barter, credit, lease, installment and conditional sales, for any purpose other than resale when such resale is made in the regular course of business.

1. A "sale," "retail sale," or "sale at retail" includes, but is not limited to, the following transactions:

a. Selling property; or

b. Renting, leasing, or letting of real or personal property, accommodations, facilities, or services of any nature whatsoever; or

c. Storing for use or consumption any item or article of personal property; or

d. Rendering occupational or professional services of any nature whatsoever; or

e. Furnishing materials and rendering services in connection therewith to accomplish the installation, construction, repair or completion of a specific end product or project; or

f. Selling real estate comprising parcels of land and buildings or improvements thereto, either separately or conjunctively; or

g. Transfer of the product of a manufacture or construction process to the user of the product; or

h. Importing, or causing to be imported, property from outside the city for sale or for rent, storage, distribution, use or consumption within the city; or
i. Selling or furnishing, preparing and serving food or beverages, alcoholic or nonalcoholic, for consumption on or off the premises of the seller; or

j. Every use or play of a coin-operated machine; or

k. Transacting or engaging in any type of business not enumerated herein.

S. "Sales price" or "selling price" means the consideration paid by the buyer, whether money, credit, rights or other property or interest in property expressed in terms of money equal to fair market value of the consideration including delivery costs, taxes, or any other expenses whatsoever and without deduction on account of the cost of property sold, the cost of materials used, labor costs, discount, delivery costs or other expenses paid or accrued, and without any deduction on account of losses.

T. "Seller" means every person who, as principal or agent, makes a sales transaction to a buyer or consumer, every person renting goods, real or personal property and every person performing or providing services, for consideration. In the event that retail sales transactions are being conducted in the name of a corporation, partnership, cooperative, association, joint venture or other entity, the "seller" for purposes of responsibility and liability for the collection and remittance of sales tax shall include every director, officer and partner without exception.

U. "Selling price" or "sales price" means the consideration paid by the buyer, whether money, credit, rights or other property or interest in property expressed in terms of money equal to the fair market value of the consideration including delivery costs, taxes, or any other expenses whatsoever and without deduction on account of the cost of property sold, the cost of materials used, labor costs, discount, delivery costs or other expenses paid or accrued, and without any deduction on account of losses.

V. "Services" means and includes all services of every manner and description which are performed or furnished for compensation of any kind, except services rendered to an employer by an employee, including but not limited to:

1. Professional services;

2. Services in which a product or sale of property may be involved including personal property made to order;

3. The sale of transportation services;

4. Services rendered for compensation by any person who furnishes any services in the course of their business or occupation;

5. Services wherein labor and materials are used to accomplish a specified result;

6. Commissions earned during business conducted within the city; and

7. Any other services including advertising, maintenance, recreation, amusement and craftsmen's services.

W. "Time of sale" for installment sales is the time at which the initial payment is made.

X. "Transaction" means any transfer of property or the right to use or occupy property, or the rendering of a service, for consideration.

Y. "Wholesaler" means a merchant who sells goods, in the regular course of business, to retailers who sell to consumers, or sells goods in the regular course of business to dealers or other wholesalers, for the purpose of taxable resale in the city. To qualify as a wholesaler, a merchant must be regularly recognized as such, and known to the trade as such.

Z. "Wholesale sale" means a sale of goods by a merchant selling them in the regular course of business; or a sale of goods by a merchant selling them in the regular course of business at wholesale prices to dealers or other wholesalers for the purpose of taxable resale in the city. The term does not include a sale by a wholesaler to users or consumers when such sale is not for taxable resale in the city.

AA. "Z tape" means the report feature of a cash register which records the total transactions, such as sales by type, the number of customers and the number of items rung in for the period; the transactional total of the current day's receipts.

4.16.205. Bundled Transactions.

A. If the sales price of a bundled transaction is attributable to both products or services that are taxable and products or services that are nontaxable, the portion of the sales price attributable to the nontaxable products may be subject to tax unless the seller can clearly identify the nontaxable portion by reasonable and

verifiable standards using its books or records that are kept in the regular course of business for other purposes, including, but not limited to, non-tax purposes.

B. Except as otherwise authorized in this chapter, a bundled transaction as defined in BMC 4.16.010 does not qualify for the maximum tax exemption under BMC 4.16.160, and thus the full sale price of the bundled transaction shall be subject to tax unless the following conditions are met:

1. The seller separates the respective portions of a bundle for purposes of applying the maximum tax exemption to each respective portion; and

2. The seller identifies the sales price attributed to each portion by reasonable and verifiable standards using its books or records that are kept in the regular course of business for other purposes, including, but not limited to, non-tax purposes, on the sales tax return containing the sale for which the maximum tax exemption was claimed.

Section 3. Effective Date. This ordinance shall become effective upon passage by the Bethel City Council.

ENACTED THIS _____ DAY OF _____ 2025, BY A VOTE OF ____ IN FAVOR AND ____ OPPOSED.

ATTEST:

_____
Rose Henderson, Mayor

_____
Lori Strickler, City Clerk

Introduced by: City Manager Strickler
Introduction Date: December 16, 2025
Public Hearing: January 13, 2025
Action:
Vote:

CITY OF BETHEL, ALASKA

Ordinance #25-20

AN ORDINANCE BY THE BETHEL CITY COUNCIL AMENDING NON-CODIFIED FEES AND CHARGES FOR THE CITY OF BETHEL

WHEREAS, the Administration is presenting amendments to the City's Fee and Rate Schedule in response to the community's proactive vehicle clean-up efforts, including the identification and management of abandoned vehicles and the increased need for junk vehicle disposal services;

WHEREAS, the management of abandoned vehicles requires significant administrative effort, including issuing notices, maintaining required records, and tracking compliance throughout the impound process; and

WHEREAS, increasing the per-day impound fee for abandoned vehicles from $20 to $50 after the first day is necessary to offset the administrative overhead associated with noticing and tracking these vehicles; and

WHEREAS, the City of Bethel currently provides free disposal of junk vehicles for non-commercial users;

WHEREAS, the City is experiencing an increase in junk vehicle accumulation as a result of nuisance abatement and property compliance efforts, revealing that some non-commercial properties store or accumulate multiple junk vehicles, often for parts, in a manner that creates substantial public health, safety, and aesthetic concerns;

WHEREAS, large-scale junk vehicle landfill intake requires significant City labor, equipment time, and administrative oversight, creating increased operational costs that cannot be absorbed by the landfill enterprise fund without negatively affecting its financial stability;

WHEREAS, it is the City's responsibility to balance public access with financial responsibilities, ensuring residents can reasonably and affordably dispose of junk vehicles while also ensuring that high-volume disposals do not create unsustainable costs for the City;

WHEREAS, providing up to three (3) free junk vehicle disposals per residential property per calendar year, regardless of whether fluids or batteries have been removed, provides reasonable access to the landfill for typical household needs; and

WHEREAS, establishing a fee of $200 per vehicle for commercial disposals and for the fourth and subsequent vehicles per year from residential properties, when fluids and batteries are removed, ensures that higher-volume disposals contribute to the cost of processing these vehicles;

WHEREAS, a fee of $300 per vehicle when fluids and batteries have not been removed reflects the additional hazards, regulatory requirements, and personnel time necessary to handle and process such vehicles safely and in compliance with environmental standards;

WHEREAS, implementing these limitations and fees promotes protect the landfill enterprise fund and ensures the City can continue offering low-cost disposal options for residents while managing the strain created by nuisance property cleanups and high-volume vehicle accumulation.

BE IT ENACTED BY THE CITY COUNCIL OF THE CITY OF BETHEL, ALASKA,

Section 1. Classification. This ordinance is not permanent in nature and shall not be placed in the Bethel Municipal Code.

Section2 Amendments. The City of Bethel Fees and Charges is amended, new language is underlined and old language is stricken.

Code Enforcement	
Vehicle Removal (includes four-wheeler/ATV/snowmachine)	$200
Impound Fee	$25 (first day) ~~$20~~ $50 (each additional day

Public Works	
Utility Permit Application Fee Annual Permit	$130
Utility Permit Application Fee Temporary or Emergency use	$50
Non-Commercial Vehicle Disposal up to three per Calendar Year	Free
~~Commercial vehicle~~ Vehicle disposal, per vehicle if battery and liquid are removed.	$200

~~Commercial~~ Vehicle disposal, per vehicle without fluids/and or battery removed	$300
Refrigerators and Freezer	$40

SECTION 3. Effective Date. This ordinance shall become effective upon passage by the Bethel City Council.

ENACTED THIS 13th DAY OF JANUARY 2026, BY A VOTE OF _ IN FAVOR AND _ OPPOSED.

ATTEST:

_____
Rose Henderson, Mayor

_____
Kevin Morgan, City Clerk

Introduced by: Mayor Henderson
Introduction Date December 16, 2025
Public Hearing: January 13, 2026
Action:
Vote:

CITY OF BETHEL, ALASKA

ORDINANCE #25-08 (e)

AN ORDINANCE BY THE BETHEL CITY COUNCIL AMENDING THE ADOPTION ANNUAL OPERATING BUDGET FOR FISCAL YEAR 2026, JULY 1, 2025-JUNE 30, 2026

BE IT ORDAINED by the City Council of Bethel, Alaska, as follows:

SECTION 1. Classification. This is a noncodified ordinance amending the City of Bethel Annual Operating Budget for Fisal Year 2026.

SECTION 2. Amendment. The adopted Fiscal Year 2026 Annual Operating Budget is amended as follows:

ICE ROAD CONTRIBUTION TO NATIVE VILLAGE OF NAPAIMUTE

Whereas, Native Village of Napaimute Tribal Transportation Program (NVN TTP), and Napaimute Enterprises, L.L.C. is requesting financial support for the 2026 Kuskokwim Ice Road season;

Whereas, the funding will be used to support construction and maintenance of the ice road and will help ensure our community residents and visitors have safe access to and from the surrounding communities;

Whereas, NVN TTP was able to maintain 355 miles of ice road connecting 21 community;

E-1 ICE ROAD CONTRIBUTION TO NATIVE VILLAGE OF NAPAIMUTE				
Line Item	Description	Approved Appropriations	Proposed Amendment	Proposed Total Appropriations
100-72-6516 Community Services	Donation Ice Road Maintenance	$0	$10,000	$10,000
FY Operating	FY25 Revenue Over Expenditures	$1,387,197	($10,000)	$1,377,197

SECTION 4. Effective Date. This ordinance shall become effective upon the passage by the Bethel City Council.

NOW THEREFORE BE IT ENACTED BY THE CITY COUNCIL OF THE CITY OF BETHEL, ALASKA, that the Fiscal Year 2026 operating budget is adopted for a period of one year, from July 1, 2025, through June 30, 2026.

ENACTED THIS 13th DAY OF JANUARY 2026, BY A VOTE OF _ IN FAVOR AND 0 OPPOSED.

Rose Henderson, Mayor

ATTEST:

Kevin Morgan, City Clerk

Introduced by: Lori Strickler, City Manager
Date: December 16, 2025
Action:
Vote:

CITY OF BETHEL

Resolution # 25-14

AUTHORIZATION AND EXECUTION OF STATE REVOLVING FUND LOAN APPLICATION FOR QFC#2 LIFT STATION IMPROVEMENTS PROJECT

WHEREAS, the City of Bethel is finalizing its State Revolving Fund loan application with the State of Alaska to obtain a 100% forgivable loan to cover a portion of the cost of the QFC#2 Lift Station Improvements Project;

WHEREAS, Alaska Diversified Contractors, LLC will perform project construction work for $979,000 and DOWL, LLC will provide bidding assistance and contract administration services for $173,646, which together total $1,152,646;

WHEREAS, the State Revolving Fund loan program requires City Council approval to increase its State Revolving Fund loan for the QFC#2 Lift Station project from $975,000, listed in Resolution 25-09, to $1,072,500, which constitutes the maximum loan increase possible to help cover the project cost of $1,152,646;

WHEREAS, the QFC#2 Lift Station Improvements Project will update the lift station with new pumps, control panel, heat enhancements, wet well modifications, plumbing services to install mechanical valves, and include engineer oversight and inspection;

WHEREAS, the City of Bethel seeks to obtain the necessary financial assistance for the project and the State of Alaska, Department of Environmental Conservation (ADEC), is able to offer funding through the Alaska Clean Water Fund;

WHEREAS, the project loan amount will cover project costs for a five-year term, with a finance rate calculated pursuant to state regulations (18 AAC 76.080 for a Clean Water loan);

WHEREAS, once the SRF loan application is approved, the City Manager will sign a loan agreement, the City will make project purchases, and then submit loan disbursement requests;

Introduced by: Lori Strickler, City Manager
Date: December 16, 2025
Action:
Vote:

WHEREAS, ADEC will subtract 0.5% of disbursed funds as administrative fees, but after all disbursement requests have been made, there is no repayment required by the City for the 100% forgiven loan;

NOW, THEREFORE, **BE IT RESOLVED** that the City of Bethel authorizes the City Manager to apply to the State of Alaska, Department of Environmental Conservation, for the loan described herein from the Alaska Clean Water Fund to cover the cost of the QFC#2 Lift Station Improvements project;

NOW, THEREFORE, **BE IT FURTHER RESOLVED** that the City of Bethel authorizes the City Manager to execute the loan agreement, which will become a binding obligation in accordance with its terms when signed by both parties;

NOW, THEREFORE, **BE IT FURTHER RESOLVED** that the City Manager is authorized to represent the City of Bethel when carrying out the City's responsibilities under the loan agreements and authorized to delegate responsibility to appropriate City staff members to carry out technical, financial, and administrative activities associated with the loan agreement;

ENACTED THIS 16th DAY OF DECEMBER 2025 BY A VOTE OF __ IN FAVOR AND __ OPPOSED.

_____
Rose Henderson, Mayor

ATTEST:

_____
Kevin Morgan, City Clerk

Introduced by: City Manager Strickler
Date: August 12, 2025
Action: Passed
Vote: 6-0

CITY OF BETHEL

Resolution 25-09

AUTHORIZATION AND EXECUTION OF STATE REVOLVING FUND LOAN APPLICATIONS

WHEREAS, the City of Bethel completed Questionnaires with the State of Alaska, Department of Environmental Conservation's State Revolving Fund Loan Program (SRF) as a first step to pursuing loan funding for various water and sewer improvement projects in Bethel;

WHEREAS, six of Bethel's projects submitted as Questionnaires in the last two rounds were reviewed, scored, and placed on the FY 2026 Project Priority List, four of which have been identified for 100% loan forgiveness;

WHEREAS, the City hereby directs the City Manager to apply for SRF loan funding for the following two Alaska Drinking Water Fund projects targeted for 100% loan forgiveness: 1) Bethel Heights Water Treatment Plan Automation Project at $1,418,000, and 2) City Subdivision Water Treatment Plant Automation Project at $1,369,000;

WHEREAS, both water treatment plant automation projects entail the design, engineering, replacement of the process and motor control systems with new automation equipment to assist operators with scheduling, maintenance, and supervision of plant operations from a central Supervisory and Data Acquisition Control and Data Acquisition system;

WHEREAS, the City hereby directs the City Manager to apply for SRF loan funding for the following two Alaska Clean Water Fund projects targeted for 100% loan forgiveness: 1) QFC#2 Lift Station Improvements at $975,000, and 2) Purchase of One Sewer Haul Truck at $315,009;

WHEREAS, the QFC#2 Lift Station Improvements Project will update the lift station with new pumps, control panel, heat enhancements, wet well modifications, plumbing services to install mechanical valves, and include engineer oversight and inspection;

Supporting Document

Introduced by: City Manager Strickler
Date: August 12, 2025
Action: Passed
Vote: 6-0

WHEREAS, the purchase of one sewer haul truck capable of hauling 3,400 gallons at once will allow the City to add a new vehicle to the fleet and remove from service one older, outdated vehicle;

WHEREAS, the City of Bethel seeks to obtain the necessary financial assistance for the projects; and the State of Alaska, Department of Environmental Conservation (ADEC) is able to offer funding through the Alaska Drinking Water Fund and Alaska Clean Water Fund;

WHEREAS, the two water-related projects are listed on the FY 26 Alaska Drinking Water Fund Priority List the two sewer related projects are listed on the FY 26 Alaska Clean Water Fund Project Priority List;

WHEREAS, each of the project loan amounts will be for the project cost estimates identified herein for a five-year term, with a finance rate calculated pursuant to state regulations (18 AAC 76.080 for a Clean Water loan and 18 AAC 76.255 for a Drinking Water loan);

WHEREAS, once the SRF loan application is approved, the City Manager will sign a loan agreement, the City will make project purchases, and then submit loan disbursement requests;

WHEREAS, ADEC will subtract 0.5% of disbursed funds as administrative fees, which total $20,385.05 for four loans, but after all disbursement requests have been made, there is no repayment required by the City for the 100% forgiven loans;

NOW, THEREFORE, BE IT RESOLVED that the City of Bethel authorizes the City Manager to apply to the State of Alaska, Department of Environmental Conservation, for two loans from the Alaska Drinking Water Fund and two loans from the Alaska Clean Water Fund to cover the cost of all four projects;

NOW, THEREFORE, BE IT FURTHER RESOLVED that the City of Bethel authorizes the City Manager to execute the loan agreements which will become binding obligations in accordance with its terms when signed by both parties;

NOW, THEREFORE, BE IT FURTHER RESOLVED that the City Manager is authorized to represent the City of Bethel when carrying out the City's responsibilities under the loan agreements and authorized to delegate responsibility to

Supporting Document

Introduced by: City Manager Strickler
Date: August 12, 2025
Action: Passed
Vote: 6-0

appropriate City staff members to carry out technical, financial, and administrative activities associated with the loan agreements;

ENACTED THIS 12th DAY OF AUGUST 2025 BY A VOTE OF 6 IN FAVOR AND 0 OPPOSED.

Teresa Keller, Vice-Mayor

ATTEST:

Kevin Morgan, City Clerk

Supporting Document

Introduced by: Acting City Manager Lori Strickler
Date: December 16, 2025
Action:
Vote:

CITY OF BETHEL

Resolution 25-15
CITY OF BETHEL PRIORITIES FOR THE SFY 2027 STATE OF ALASKA CAPITAL BUDGET

WHEREAS, the City of Bethel is proactively pursuing funds from Federal and State agencies, as well as private funding sources;

WHEREAS, the City partners with other entities, such as the local tribe, Orutsararmiut Native Council, to work collaboratively to meet resident and visitor needs;

WHEREAS, Bethel City government relies on various taxes and interest, charges for services, and licenses/permit fees to pay for operations, maintenance, and capital needs;

WHEREAS, as a hub community for 30,000 people living in the Yukon-Kuskokwim Delta region, the City of Bethel supports projects and expenditures that benefit tens of thousands of Alaskans;

WHEREAS, the Bethel City Council is a seven-member body elected by resident voters of Bethel to act in the best interest of the community that intends to exhibit transparency, oversight, and accountability for all funds awarded;

WHEREAS, the priorities established in the table below are rank-ordered and vital to the well-being of the community and municipality of Bethel and the YK Delta region;

City of Bethel Priorities	Request
1. Expansion of Bethel Community Center	$3,000,000
2. Construction of Animal Control Center	$300,000
3. Design of Water Distribution Center	$1,191,574
4. Planning, Permitting, Design of Cargo Port East Wall	$3,000,000
3. Port of Bethel Security Cameras and Lighting	$360,000
TOTAL	$7,851,574

Introduced by: Acting City Manager Lori Strickler
Date: December 16, 2025
Action:
Vote:

1. Expansion of Bethel Community Center $3,000,000

WHEREAS, the YK Fitness Center is a multi-use community facility owned and operated by the City of Bethel;

WHEREAS, in 2014, the contractor completed Phase One of facility construction, which included a six-lane swimming pool, kiddie pool with water slide, weight room, fitness room, concession area, locker rooms, and a table/chair space for internet and social activities;

WHEREAS, phase two is estimated to cost about $14,000,000 following design, permitting, earthwork, and construction with $10,000,000 in funding secured through other partnerships and will be completed for the community by the end of 2026;

WHEREAS, the fitness center is the only public community recreational and gathering space in Bethel and the region providing critical recreational, social, health education and health monitoring opportunities to residents and visitors;

WHEREAS, the City used three grants and its own money to complete 100% of the design of Phase Two, the addition of a new community center, computer lab and gymnasium to the YK Fitness Center;

WHEREAS, the facility expansion will provide residents and visitors opportunities to engage in health monitoring/maintenance, employment preparation, and educational endeavors by including classrooms full of computers, printers, and free internet;

WHEREAS, the facility has acted as a recruitment tool for many agencies in Bethel, providing necessary social opportunities in this bush Alaska community while also supporting healthy recreational outlets, necessary to support mental and physical health;

WHEREAS, the decline in Bethel's population in the last few years could be attributed to the high cost of living, remote location, limited housing and educational opportunities available, and limited social opportunities;

WHEREAS, many jobs are available in Bethel, but most require technical skills or a specific degree or certification not locally taught or available in the populace;

WHEREAS, according to the US Census, only 9.7 percent of Bethel's population has a bachelor's degree or higher;

WHEREAS, the City plans to use the facility to partner with organizations, such as the Alaska Department of Labor and Workforce Development and the Alaska Vocational Technical Center (AVTEC) to offer educational and training opportunities in Bethel that will grow the region's workforce, and reduce outward migration and local labor shortages;

WHERAS, classrooms will be available for specialized training opportunities such as satellite technical training workshops, first aid, CPR, EMT, safe sitter, college counseling (FASFA workshops), and disaster preparedness for Alaska's workforce;

WHEREAS, the new community center will provide a year-round inclusive environment, where young and old feel comfortable coming together for activities and events;

WHEREAS, the YK Delta Region faces significant mental health challenges, with high rates of suicide and substance use disorders which is a priority for many agencies within the community and region;

WHEREAS, the expansion would support social activities and engagement to help reduce feelings of loneliness for people of all ages, further, exercise and physical activity is linked to improved mental health and can reduce symptoms of depression and anxiety, finally, participating in community events and programs fosters a sense of belonging and can lead to increased social connections and support networks;

WHEREAS, the high school size gymnasium will be able to serve as a shelter and house 230 evacuees in emergency situations, over twice as many as the U.S. Army National Guard Armory in Bethel was able to serve during the recent winter storm and remnants of Typhoon Halong disaster;

WHEREAS, to cover the $16 million cost of design and construction, the City of Bethel is using its $10 million in grants, hopefully a State Capital appropriation of $3 million, and plans to contribute $3 million.

NOW, THEREFORE, **BE IT RESOLVED** the Bethel City Council hereby requests that the State of Alaska support the expansion of the Bethel Community Center through a legislative appropriation of $3,000,000 in its FY 2027 Capital Budget to fund a new

community center and gymnasium for the community of Bethel, which will double as a shelter for evacuees in emergencies;

2. Construction of Animal Control Center $300,000

WHEREAS, the City of Bethel's partners with Bethel Friends of Canines and the University of Colorado on animal control, adoption, and veterinary services for not only the community of Bethel, but the YK Delta Region;

WHEREAS, Colorado State University, the University of Alaska Fairbanks, and Bethel Friends of Canines, provide free or low cost spay/neutering clinics, and rabies vaccinations in Bethel, and the surrounding communities, which help to improve public health;

WHEREAS, the current animal control facility is facing significant operational deficiencies, with poor heating, ventilation, care capacity, and safety accommodations, making it difficult for the City and partners to manage the intake and response for necessary animal care;

WHEREAS, the City is working with an engineering firm and architect team to design a new facility with planned construction in the summer of 2026;

WHEREAS, the facility will provide a space dedicated to animal operations and veterinary care services such as spay and neuter clinics for Bethel and the entire region helping to support improved public health in the region;

WHEREAS, the city is contributing financial resources to the project by obtaining a Rasmuson Foundation grant for $250,000 and pledging up to $1.5 million in construction funding.

NOW, THEREFORE, **BE IT RESOLVED** the Bethel City Council hereby seeks the State of Alaska partnership in the construction of a new animal control center through a legislative appropriation of $300,000 in its FY 2027 Capital Budget;

3. Design of Water Distribution Center $1,191,574

WHEREAS, Bethel residents face some of the highest cost of water and sewer services in the nation:

- 1,000 gallons of water delivered once a week costs $264.33, and a corresponding sewer haul costs $198.11, totaling $462.44 per month,
- 1,000 gallons delivered twice a week is $933.90 per month;

WHEREAS, the average number of gallons the average American uses based off EPA data is 86 gallons per day, that is 2,580 gallons of water per month for one person, for a family of four that would be 10,320 gallons per month;

WHEREAS, the City must continue to find ways to reduce operational costs for the utility and in response, reduce the costs of the utility fees to the customers;

WHEREAS, the high cost of services is directly related to the City's truck haul system, with trucks carrying water and evacuating sewage for 1,600 properties;

WHEREAS, on November 21, 2022, DOWL engineer firm completed a preliminary engineering report (PER) to provide a community-wide piped water and wastewater system that would pipe the remaining 1,600 properties;

Whereas, "Transitioning customers from haul to pipe services will enhance water and sanitation availability and reduce customer service fees and City maintenance costs" (PER, Page 1), the cost to operate a piped utility has been shown to cost about 40% less than the hauled system;

WHEREAS, Phase 1 described in the PER is the development of a water distribution center (tank) along Chief Eddie Hoffman Highway near the State Public Health building to create storage, pressure, and heat necessary to provide piped water to the Ciullkulek Subdivision in Phase 2, and to serve as a water truck fill center to reduce round-trip delivery distance to the western subdivisions;

WHEREAS, the site to be developed will include a 500,000-gallon water tank and a 2,000 square foot building containing pumps, filling equipment, and a boiler system;

WHEREAS, this project includes a 4,350 linear foot extension of the water main from the city's institutional corridor water line that is fed by the City Subdivision Water Treatment Plant;

WHEREAS, the City of Bethel was awarded $713,000 in State Revolving Loan forgiveness for this project that costs $1,904,574, so it only needs the remaining $1,191,574 from the State of Alaska;

NOW, THEREFORE, **BE IT RESOLVED** the Bethel City Council seeks the development of critical water and sewer infrastructure through the design of a water distribution center funded through a legislative appropriation of $1,191,574 in the State of Alaska's FY 2027 Capital Budget;

4. Planning, Permitting, and Design of East Wall Port of Bethel $3,000,000

WHEREAS, the community of Bethel and surrounding villages rely on the City Dock to receive barge shipments from Seattle and Anchorage of heavy equipment, prefabricated buildings, construction materials, and cargo;

WHEREAS, the Port of Bethel serves the region by offering a transshipment point for goods from Seattle and Anchorage destined for villages up and down the Kuskokwim River—which act to lower the cost of living;

WHEREAS, DOWL engineer firm completed the Port of Bethel Structural Condition Assessment in July 2023 and determined that the East Wall was in Serious Condition due to failed tiebacks and local failures where sections of the wall are leaning seaward;

WHEREAS, due to the Serious Condition of the East Wall, which is one step below a Critical Condition rating, DOWL recommends replacement of the East Wall and to immediately perform a more in-depth structural review to determine the strength of the wall in relation to demands placed on it;

WHEREAS, DOWL advised the City to avoid all dock activity up to 20 feet away from the water's edge of the East Wall and to avoid mooring vessels alongside it;

WHEREAS, the City must perform a more thorough structural analysis and design the replacement of the East Wall and needs the State's help to finance this endeavor;

WHEREAS, protection of the uplands associated with the east timber wall replacement will serve to protect adjacent State of Alaska uplands that are part of City Dock;

WHEREAS, this project will help remove from the public, the dangerous creosote-saturated timbers that make up the East Timber Wall, and replace them with a steel, cement, sand, and gravel solution.

WHEREAS, DOWL engineer firm is confident that $3,000,000 is sufficient to cover the cost of a thorough assessment and the planning, permitting, and design of repair and/or replacement of sections of the Cargo Dock East Wall;

NOW, THEREFORE, **BE IT RESOLVED** the Bethel City Council hereby requests that the State of Alaska provide $3,000,000 in its FY 2027 Capital Budget to fund an assessment and planning, permitting, and design of repair/replacement of the East Wall of the Cargo Port;

5. Port of Bethel Security Cameras and Lighting $360,000

WHEREAS, the Port of Bethel oversees five critical facilities: City Dock, Petro Port, Small Boat Harbor, Float Plane Beach, and the seawall;

WHEREAS, Port infrastructure serves the community and region by providing barge transportation, commercial operations, and support of the river as a thoroughfare between villages and for subsistence fishing, hunting, and gathering, and recreation;

WHEREAS, the fact that the Bethel Small Boat Harbor is a "Harbor of Refuge" for small craft boaters on the Kuskokwim River means the City has a responsibility to keep the harbor safe and secure for all users;

WHEREAS, the city wants to install twelve new LEDs on poles, ten security cameras along the seawall between the Joe Lomack Building and the Petro Port, six security cameras in the small boat harbor, and four security cameras on the city dock;

WHEREAS, extra bright LEDs and weather-resistant security cameras will help the city prevent acts of terrorism, vandalism, and theft and promote safe, productive use during the dark hours;

NOW, THEREFORE, **BE IT RESOLVED** the Bethel City Council requests that the State of Alaska provide $360,000 in its FY 2027 Capital Budget to fund the assessment, planning, design, permitting, and purchase and installation of security cameras, poles, and LEDs for Port of Bethel facilities.

Introduced by: Acting City Manager Lori Strickler
Date: December 16, 2025
Action:
Vote:

ENACTED THIS 16th DAY OF DECEMBER 2025 BY A VOTE OF __ IN FAVOR AND __ OPPOSED.

_____
Rose Henderson, Mayor

ATTEST:

_____
Kevin Morgan, City Clerk

City of Bethel Action Memorandum

Action memorandum No.	25-38		
Date action introduced:	12-16-2025	Introduced by:	Community Action Grant Committee
Date action taken:		Approved Denied	
Confirmed by:			

Action Title: Authorize and direct City Administration to issue a checks totaling $45,300 to the Year 2025, Quarter 4 Community Action Grant (CAG) awardees based on the recommendation of the Community Action Grant Committee.

Attachment(s): None.

Amount of fiscal impact:	Source	Account information:
$45,300	Funds in FY 2025 Budget	100-72-6430

Summary Statement

The City of Bethel established the Community Action Grant Program (CAG) to allow community and individuals to request financial support for programs or events that contribute to the health, welfare, and overall quality of life for residents of Bethel, especially its most vulnerable populations. Funding for the program comes from 20% of the Alcohol Tax collected by the City.

The Community Action Grant Committee is a volunteer group of citizens who meet quarterly to review CAG applications, score them, and provide funding recommendations to City Council. Bethel City Council must approve the recommendations before checks are issued. Each recipient of CAG funds signs a grant agreement with the City and is responsible for spending the funds appropriately and producing an exit report at the end of the performance period.

Table of CAG Committee Scores and Award Allocations:

Requestor	Onix AI	Alaska Sealife Grant	Bethel Pickleball Club	North Star	SWAGG-Camai
Amount Requested	$5,000	$10,000	$3,600	$5,000	$32,900
Amount Supported	0	$10,000	$1,800	$3,500	$30,000

If the Council authorizes this AM as presented the remaining balance of the Community Action Grant line item will be $27,291 with two quarters remaining in the funding year.

Community Action Grant Application

10/30/2025 12:57 PM (AKDT)

City of BETHEL — ALASKA —

COVER PAGE

Applicant Information

Applicant Name:	Alaska Sea Grant
Applicant Address:	PO Box 368, Bethel, AK 99559
Contact Person:	Katie Basile
Email Address:	kebasile@alaska.edu
Daytime Phone:	907-543-4509
Cell Phone:	907-545-5260

Grant Request Information

Grant Amount Requested:	$10,000
Will you accept less funding than the amount you requested? If so, tell us what a reduction would	If we receive less funding then we request we will limit our food and drink offerings at our event or charge for the dinner banquets.
Will you accept less funding than the amount requested? If so explain what a reduction would look like for your planned program.	• Yes
Explanation of planned program reductions if funding level is reduced.	If the City of Bethel Community Action Grant is funded at a lower level than requested, we will adjust by reducing costs that have the least impact on public access. Specifically, we would scale back food and beverage offerings during the conference and explore charging a fee for the opening night banquet dinner to help offset expenses.
Program/Project Title and Summary:	Wester Alaska Interdisciplinary Science Conference
Date When Funds Are Needed:	03/01/2026
Project Beginning Date:	04/06/2026
Estimated Project Completion Date:	04/09/2026
Grant funding request for which funding period. Funds issued around the end of quarter date.	Quarter 4 Ending December 31

I affirm that if my organization, group, or self is granted funding, I (we) will be required to adhere to City guidelines related to the use of those funds, and will be required to provide timely reporting on the use of the granted funds. I

affirm that grant funds will be used for the intended purposes outlined for this program.

Signature of Authorized Officer/Applicant:	
Date:	10/30/2025

PROJECT SUMMARY

Please provide a comprehensive, clear and concise response to each of the questions below. If a question does not apply to your application, indicate by responding “Not Applicable.”

SUBSTANTIATING COMMUNITY NEED 1. Describe the overall goals, objectives, and activities to be accomplished by the proposed project. 2. Provide measurable outcomes for your project and how those outcomes will be measured.	1. The 2026 Western Alaska Interdisciplinary Science Conference (WAISC) will be hosted in Bethel and open to the local public at no cost. Our goal is to create a space where community members, researchers, and local organizations can share stories, science, and solutions that directly relate to life in Western Alaska. WAISC brings together conversations about health, food security, energy, infrastructure, and the changing landscape we all live with. The theme — Narratives From a Resilient Coast: Science, Story and Shared Knowledge — reflects our focus on how local Indigenous knowledge and scientific research come together to support the well-being of our region. Activities will include three days of presentations, workshops, and community sessions led by local speakers, researchers, and youth. The conference will also feature keynote presentations from Lynn Marie Church of Quinhagak and archaeologist Rick Knecht, who will speak about the Nunalleq archaeological site and the impacts of ex-Typhoon Halong. A Community Action Grant will help make this event accessible to our most in-need residents by supporting the food and materials that allow community members to attend for free. Participants traveling from outside the region pay a $200 registration fee, which helps ensure local access remains free. 2. We anticipate approximately 130 people will attend WAISC 2026, with the majority of those participants coming from Bethel and nearby villages. Outcomes will include: Increased community participation in discussions about local issues such as erosion, energy, and health. Strengthened collaboration between Bethel residents, scientists, and agencies working in our region. Youth and Elder involvement through presentations, art, and storytelling sessions. Success will be measured by registration data, attendance numbers, participant feedback surveys, and follow-up reports from local organizations involved.
PROJECT GOALS AND OUTCOMES 1. Describe current efforts to collaborate and coordinate services with other community organizations regarding the proposed project. 2. Explain how you will develop any needed collaborative relationships that are not already in place.	1. The Western Alaska Interdisciplinary Science Conference (WAISC) is built on collaboration. Our 2026 planning committee includes representatives from the Association of Village Council Presidents (AVCP), the Kuskokwim River Inter-Tribal Fish Commission (KRITFC), the Kuskokwim Campus (KUC), and Alaska Sea Grant, along with local educators, fisheries students, and community leaders. Together, we’re working to ensure that the conference reflects the priorities and voices of people living in Bethel and across the Yukon-Kuskokwim Delta. Each partner brings unique strengths — from tribal governance and resource management to education, research, and youth engagement — allowing WAISC to serve as a true community forum rather than just a professional conference. 2. Developing New Collaborations As planning continues, we’ll continue reaching out to local organizations, schools, and tribal councils to build additional partnerships. We’re especially focused on youth involvement and creating accessible ways for Elders and residents to share their knowledge and experiences. We plan to collaborate with Bethel-based programs that support community health, education, and resilience, ensuring that conference discussions translate into real connections and action after the event.

	Future collaboration goals include: - Partnering with Bethel schools to encourage student attendance and presentations - Inviting local artists and cultural leaders to participate - Creating space for informal “community sessions” led by Bethel residents
COORDINATION AND COLLABERATATION	No, I don't know of any other organizations who offer a science/story gathering like this one.
IMPLEMENTATION PLAN 1. If this is a new project/activity, describe specific steps to be taken to implement the activity. Identify target dates for each phase of implementation. 2. If this is an existing project/activity, describe how this funding will be used to expand the scope of the existing activity. Identify target dates for each phase of implementation.	WAISC is an established annual conference that rotates between hub communities across Western Alaska. The 2026 conference will take place April 7–9, 2026, in Bethel — marking the first time in ten years that WAISC has been hosted here. Funding from the City of Bethel’s Community Action Grant will help us make this year’s conference more accessible to local residents by covering catering costs, outreach, and community participation. These funds will help keep registration free for Bethel residents and support new, community-centered sessions that include youth, Elders, and local organizations. Implementation steps and target dates: December 1, 2025: Call for abstracts opens for both scientific and community presentations. January–March 2026: Local outreach and promotion through KYUK, flyers, schools, and social media. Planning committee continues meeting monthly to finalize keynote speakers, schedule, and logistics. March 2026: Confirm volunteers, student involvement, and final program layout. April 7–9, 2026: Host the Western Alaska Interdisciplinary Science Conference in Bethel. May–June 2026: Collect participant feedback, share outcomes with partners and funders, and begin planning for the next host community. Bringing WAISC back to Bethel after a decade will allow our community to engage directly in conversations about health, energy, and the environment that affect daily life here.
DEMONSTRATION EXPERIENCE AND FINANCIAL INFORMATION 1. Describe the applicant’s (or the principal staff as it relates to the project) background, and experience in implementing the proposed activity or similar activities. 2. Provide a proposed budget breakdown with item & description, funding sources, amount, and total attachments are acceptable:	1. Applicant Background and Experience Alaska Sea Grant has been involved with the Western Alaska Interdisciplinary Science Conference (WAISC) since it began in 2008. Sea Grant faculty have helped chair and organize conferences in Dillingham, Nome, Unalaska, and other Western Alaska communities, providing logistical coordination, registration, communication, and local outreach. The 2026 conference is being led by Katie Baldwin Basile, the Alaska Sea Grant Coastal Resilience Specialist based at the Kuskokwim Campus in Bethel. Katie has over 15 years of experience working on community-driven projects across the Yukon-Kuskokwim Delta, including large-scale collaborations with KYUK Public Media, the Alaska Humanities Forum, and the Lower Kuskokwim School District. She has organized workshops and community engagement projects throughout rural Alaska and is well connected to both local organizations and regional partners.
Budget Breakdown Attachment if Applicable	WAISC_CommunityActionGrant_Budget.xlsx
Have you received funding from Community Action Grants before?	• No

Awardees will be required to present a written Exit Report to the Community Action Grant Board within 30 days of completion of the project/program. 1. Identify the timeframe in which you anticipate providing an Exit Report 2. If applicant has a current Community Action Grant in progress, provide a spending plan that clearly shows how the remaining funds will be spent to complete the project/program.	The Western Alaska Interdisciplinary Science Conference will take place April 7–9, 2026. We anticipate submitting the required Exit Report to the Community Action Grant Board by May 1, 2026, which is within 30 days of the conference's completion. The report will include participant numbers, feedback highlights, and documentation of how the funding directly benefited Bethel residents and businesses.

Category	Description	Funding Source	Amount
Venue	YPCC	Donated by KUC	
Banquet Dinner (April 7)	Catered community dinner and gathering on opening night. Funds will go directly to a Bethel-based caterer	City of Bethel Community Action Grant	7500
Banquet Dinner (April 8)	Catered community dinner and gathering on second night. Funds will go directly to a Bethel-based caterer	Navigating a New Arctic Initiative?	7500
Lunch Day 1	Pizza donated?	Uncommon Pizza?	
Lunch Day 2	Catered lunch, Bethel-based caterer	Alaska Sea Grant	3250
Breakfast all three days	Continental, coffee and tea	Alaska Sea Grant	$9,750
Snacks all three days	Fruit and non-perishables, seltzer?	Alaska Sea Grant	$3,120
Local Artist Commission	Commissioning a Bethel-based artist to design the conference logo and artwork for awards and signage.	City of Bethel Community Action Grant	750
Radio Advertising	Local promotion through KYUK to encourage free public attendance.	City of Bethel Community Action Grant	750
Local Art & Awards	Locally made gifts and awards for presenters.	City of Bethel Community Action Grant	1000
Keynote Speaker Travel (Anchorage)	Travel support for keynote from Anchorage.	Alaska Sea Grant Workshops Fund	2000
Keynote Speaker Travel (Arizona)	Travel support for keynote from Arizona.	Alaska Sea Grant Workshops Fund	3000
Swag, Shipping & Supplies	Mugs, materials, and shipping for conference swag.	Alaska Sea Grant Workshops Fund	1000
Meals & Snacks (Daytime)	Breakfasts, snacks, and lunches (some sponsored).	Partner & sponsor contributions	1000
Travel for Alaska Sea Grant Faculty/Staff		Alaska Sea Grant	8000
Total Budget			**48620**
Community Action Grant Request			10000

Community Action Grant Application

10/07/2025 12:27 PM (AKDT)

City of BETHEL — ALASKA —

COVER PAGE

Applicant Information

Applicant Name:	Bethel Pickleball Club
Business License #s (if applicable):	Yukon Kuskokwim Health Corporation
Applicant Address:	PO BOX 2328
Contact Person:	David M Compton
Email Address:	dcomptonak@gmail.com
Daytime Phone:	9072011799
Cell Phone:	9072011799

Grant Request Information

Grant Amount Requested:	$3600
Will you accept less funding than the amount requested? If so explain what a reduction would look like for your planned program.	• Yes
Explanation of planned program reductions if funding level is reduced.	We are asking for 3 months of rental space at the National Guard Armory. We will make up any difference between grant requested and approved by charging usage fees and raising donations in the community.
Program/Project Title and Summary:	The Bethel Pickleball Club is a group to promote the sport of pickleball in the community. We play 3 days a week in the Armory.
Date When Funds Are Needed:	11/11/2025
Project Beginning Date:	03/01/2025
Grant funding request for which funding period. Funds issued around the end of quarter date.	Quarter 4 Ending December 31

I affirm that if my organization, group, or self is granted funding, I (we) will be required to adhere to City guidelines related to the use of those funds, and will be required to provide timely reporting on the use of the granted funds. I affirm that grant funds will be used for the intended purposes outlined for this program.

Signature of Authorized Officer/Applicant:	
Date:	10/07/2025

PROJECT SUMMARY

Please provide a comprehensive, clear and concise response to each of the questions below. If a question does not apply to your application, indicate by responding “Not Applicable.”

SUBSTANTIATING COMMUNITY NEED 1. Describe the overall goals, objectives, and activities to be accomplished by the proposed project. 2. Provide measurable outcomes for your project and how those outcomes will be measured.	We want to spread pickleball and a sport and community activity in Bethel. We have experienced great interest. We will measure our impact by the number of players that come out to play each day.
PROJECT GOALS AND OUTCOMES 1. Describe current efforts to collaborate and coordinate services with other community organizations regarding the proposed project. 2. Explain how you will develop any needed collaborative relationships that are not already in place.	We have been renting space at LKSD prior to 10/2025 and now the Armory. We have worked with the City of Bethel to set up the new gym for pickleball when it is completed.
COORDINATION AND COLLABERATATION 1. Describe current efforts to collaborate and coordinate services with other community organizations regarding the proposed project. 2. Explain how you will develop any needed collaborative relationships that are not already in place. 3. Does any community organization, other than your own, offer the type of services proposed under this program design? If so, describe how your program will enhance these efforts.	We are planning to work with LKSD to teach students how to play pickleball as outreach.
IMPLEMENTATION PLAN 1. If this is a new project/activity, describe specific steps to be taken to implement the activity. Identify target dates for each phase of implementation. 2. If this is an existing project/activity, describe how this funding will be used to expand the scope of the existing activity. Identify target	We will reach out to LKSD physical education staff to coordinate time to teach pickleball to the students by 1/1/2026

dates for each phase of implementation.	
DEMONSTRATION EXPERIENCE AND FINANCIAL INFORMATION 1. Describe the applicant's (or the principal staff as it relates to the project) background, and experience in implementing the proposed activity or similar activities. 2. Provide a proposed budget breakdown with item & description, funding sources, amount, and total attachments are acceptable:	The Club president organized the Little League in Bethel 10 years ago. We have been donated all of our equipment by current members and our budget is basically the fees to rent space to play which is about $3600 for 3 months and the Armory. Memberships are $150/year and drop-in fees are $10 per day.
Have you received funding from Community Action Grants before?	• No
Awardees will be required to present a written Exit Report to the Community Action Grant Board within 30 days of completion of the project/program. 1. Identify the timeframe in which you anticipate providing an Exit Report 2. If applicant has a current Community Action Grant in progress, provide a spending plan that clearly shows how the remaining funds will be spent to complete the project/program.	I think we could have a report at the end of the school year to define how we did with outreach to the students at LKSD

COVER PAGE

Applicant Information

Applicant Name:	North Star Community Foundation/Healing through Music & Dance (HTMD)
Business License #s (if applicable):	979617
Applicant Address:	745 7th Avenue Fairbanks, AK 99701
Contact Person:	Terese Kaptur, Program Director; Peter Pinney, Executive Director
Email Address:	teresekaptur@gmail.com
Daytime Phone:	907-978-0425 Peter Pinney
Cell Phone:	412.551.7281 Terese Kaptur

Grant Request Information

Grant Amount Requested:	$5,100
Will you accept less funding than the amount you requested? If so, tell us what a reduction would	Yes. HTMD would serve fewer institutions and vulnerable residents in Bethel
Will you accept less funding than the amount requested? If so explain what a reduction would look like for your planned program.	• Yes
Explanation of planned program reductions if funding level is reduced.	HTMD would try to raise additional funds from local Bethel businesses to make up the difference. HTMD would probably eliminate McCann Center and/or Bethel Youth Facility from the schedule
Program/Project Title and Summary:	HTMD in Bethel April, 2026. Harmonica Man Mike Stevens & Athabaskan Guitarist Marc Brown (Huslia,) would serve ME-2 School (1st graders), Bethel Youth Facility, YK Elders' Home and possibly McCann Center with a mini-concert, harmonicas given out. A small group of 2nd graders would participate in a looper composing workshop. The goal is to reach out to new at-risk youth and elders in Bethel, nurturing relationships with institutions and individuals, and promoting healing.
Date When Funds Are Needed:	02/01/2026
Project Beginning Date:	03/21/2026
Estimated Project Completion	04/30/2026

Date:	
Grant funding request for which funding period. Funds issued around the end of quarter date.	Quarter 4 Ending December 31

I affirm that if my organization, group, or self is granted funding, I (we) will be required to adhere to City guidelines related to the use of those funds, and will be required to provide timely reporting on the use of the granted funds. I affirm that grant funds will be used for the intended purposes outlined for this program.

Signature of Authorized Officer/Applicant:	
Date:	10/06/2025

PROJECT SUMMARY

Please provide a comprehensive, clear and concise response to each of the questions below. If a question does not apply to your application, indicate by responding “Not Applicable.”

SUBSTANTIATING COMMUNITY NEED 1. Describe the overall goals, objectives, and activities to be accomplished by the proposed project. 2. Provide measurable outcomes for your project and how those outcomes will be measured.

The overall goal is for fostering self-esteem, developing activities that keep youth and elders engaged and connected, rather than feeling isolated, lonely and stuck. HTMD strives to bring a feeling of joy and connection through music and dance that helps people resist alcohol and drug use, and other personally destructive activities. The added benefit is to ultimately prevent suicide in vulnerable individuals whose lives have been negatively impacted by substance abuse, isolation and/or trauma. Returning to Bethel, in-person for the 18th time since 2013, HTMD nurtures relationships with individuals, grows HTMD’s impact and strengthens healthy connections, while providing uplifting entertainment and enrichment.

Goals: To share skills and foster self-confidence enabling participants to make their own music in a variety of ways and to operate the looper system. Playing harmonica uses one’s breath to express feelings, instead of harmful other activities. Harmonica is great for those who are intimidated by singing, using a microphone or trying another more challenging instrument. Ultimately the program strives to give a looper, microphones and sound system to the participating institutions so the students can continue to compose after Mike Stevens and other musicians depart. The strategy is to reach out to new at-risk youth and elders in Bethel, nurturing relationships with institutions and individuals, and promoting healing.

The intangible goal is to give voice to feelings through music and dance, feelings that are otherwise in expressible. This self-expression builds self-confidence especially when a group entrains while playing music and/or moving together. These strengthening experiences start the process of healing from trauma.

Objectives: Improved self-esteem, new skills learned and collaboration with contemporary and traditional styles of music. Meet new students for the first time. Nurture the relationship with the people of Bethel and its various institutions.

Activities: Artists perform music and demonstrate how to express feelings through the harmonica, guitar, dance, etc. Mike demonstrates how the looper works. Participants receive a harmonica to keep and instruction in basic techniques. Guitar workshops will be offered as possible.

HTMD offers group assemblies/concerts with dancing encouraged and small group workshops in looper composing and guitar, if instruments are available. Mike and Marc share their stories of struggles in their youth and how they found

	music to express their otherwise inexpressible feelings in this healthy way. HTMD last visited ME-2 in March, 2025 where we worked with 2 small groups (8 each) of 2nd graders, creating soundscapes and compositions using the looper. HTMD offered a dance concert/assembly for the 1st graders. In 2026, HTMD will work with new 1st graders who have never experienced Mike Stevens' music or healing message. Bethel Youth Facility was last visited in June 2022. Visiting McCann Center is overdue as the last time was in March, 2017. HTMD has never worked with elders in Bethel before. Based on positive reviews from HTMD work in other communities, this would be a new group to enrich while working in Bethel. 2. Provide measurable outcomes for your project and how those outcomes will be measured. All participants and organizers receive a paper and electronic evaluation form that asks them to choose from a list of feelings, documenting how they felt before and after the workshop. They are also asked to rate (1-5) the quality of workshop, interaction and impact. Suggestions for improvement and other types of music and dance are also solicited. This feedback is reviewed by artists and program director and then summarized. Change in feelings from the beginning of session to end of session- sad, angry, lonely, stuck, afraid vs. happy, safe, connected, trust. Documented via photos and written evaluations When possible and permitted, photo and video documentation capture the wonder, joy, collaboration and creativity. Being invited back is a significant outcome. In their evaluations, students request that we "keep coming back." The number of harmonicas distributed is a measure of how many lives were touched. These individuals would then have tools/skills and instruments for creative and emotional expression. Additionally, staff documents the number and ages of those served. Focus changed from internal and hopelessness to external and creative, documented in written evaluations, photos. Creation of music for self-expression that continues after workshops Individuals begin to share their stories with HTMD team and/or teachers/clinicians. Responses are enthusiastic, focused attention during workshops, safe expression of feelings and creativity. Students learn to use the looper, learn more about the technology, and act as a team creating a story and piece of music.
PROJECT GOALS AND OUTCOMES 1. Describe current efforts to collaborate and coordinate services with other community organizations regarding the proposed project. 2. Explain how you will develop any needed collaborative relationships that are not already in place.	1. HTMD is coordinating with the schools in the Lower Kuskokwim School District, particularly ME-2 Elementary School and Bethel Youth Facility to serve students who have not had the opportunity to work with Mike Stevens. As the students age up and graduate, we are attentive to those who are at-risk and haven't yet experienced Mike/s workshops. We also hope to work with McCann Center youth again. We haven't been there since March, 2017. HTMD is collaborating with YKHC and AARP to serve elders in the Bethel area. 2. Referrals by foundations, sponsors and school principals who make introductions.
COORDINATION AND COLLABERATATION 1. Describe current efforts to collaborate and coordinate services with other community organizations regarding the proposed project. 2. Explain how you will develop any needed collaborative relationships that are not already in place. 3. Does any community organization, other than your own, offer the type of services	HTMD is not aware of another organization offering this service in Alaska.

proposed under this program design? If so, describe how your program will enhance these efforts.	
IMPLEMENTATION PLAN 1. If this is a new project/activity, describe specific steps to be taken to implement the activity. Identify target dates for each phase of implementation. 2. If this is an existing project/activity, describe how this funding will be used to expand the scope of the existing activity. Identify target dates for each phase of implementation.	1. N/A 2. The HTMD program is requesting funds to help cover artist/contractor fees, purchase harmonicas and shipping to expand the scope of the program to reach new audiences and enhance 2nd graders skills. With support from CAG, HTMD would be able to reach new at-risk youth at Bethel Youth Facility, McCann Center, ME-2 Elementary School and elders at the YK Elders' Home. The 1st and 2nd graders HTMD plans to visit in April, 2026 will be new to Mike's programs. Those served in in past years will now be in Gladys Jung Elementary. The 2nd graders at ME-2 will have experienced Mike Stevens last year in an assembly ehere they received harmonicas. This year Mike will work only with a small group of 8 2nd graders, leading a looper workshop without harmonicas, expanding these youths learning experience. The target date to work with these groups in person is April 1, 2026
DEMONSTRATION EXPERIENCE AND FINANCIAL INFORMATION 1. Describe the applicant's (or the principal staff as it relates to the project) background, and experience in implementing the proposed activity or similar activities. 2. Provide a proposed budget breakdown with item & description, funding sources, amount, and total attachments are acceptable:	Mike Stevens, Harmonica Man, is internationally recognized for his similar award winning program in Canada. He has been doing work in underserved Canadian villages for more than 20 years, recognized by the Queen the government of Canada for his outstanding success working with at-risk and traumatized youth. Athabaskan singer/songwriter/guitar player, has been touring Alaska and the Lower-48 for more than 20 years. Indian Rock'n'Roll, won him and the Blues Crews the 2011 Native American Music Award for Best Blues Recording. See attached biographies.
Budget Breakdown Attachment if Applicable	CAG budget.26.xlsx HTMD Draft itinerary.2026. DETAIL.pdf HTMD Program, Artist bios & press.2026.pdf HTMD Artist bios.2026.pdf
Have you received funding from Community Action Grants before?	• Yes
Provide Dates, Amounts, Project Description, and Exit Report Status of prior grant.	2019. $6,790. Artist fees, harmonicas, shipping. Exit report submitted 6/17/2019 2020. $6,000. Artist fees, harmonicas, equipment, shipping. Exit report submitted 6/23/2021 (extension due to COVID) 2022. $8,250. Artist fees, harmonicas, equipment, shipping. Exit report submitted 10/28/2022 2023. $3,500. Artist fees, harmonicas, shipping. Exit report submitted 11/29/23
Awardees will be required to present a written Exit Report to the Community Action Grant Board within 30 days of completion of the project/program. 1. Identify the timeframe in which you anticipate providing an Exit Report 2. If applicant has a current Community Action Grant	1. May 31, 2026. 2. N/A

in progress, provide a spending plan that clearly shows how the remaining funds will be spent to complete the project/program.

Budget Items:	Description of Budget Items	Funding: Source:	CAG $ request	Other $	Total $
Personnel fees	Mike Stevens, musicians, logistics, admin support	CAG, CalistaBrice, local hosts	2,000	1,000	3,000
Supplies	Harmonicas: ME-2 -90, BYF 25, YK Elder Home 23 = 138 @$25= $3,450	CAG, Marston,	3,000	450	3,450
Shipping	freight to Bethel	CAG, Marston	100	100	200
Misc expenses	travel, lodging, local trans, meals	Marston, CalistaBrice	0	2727	2,727
			5,100	4,277	9,377

Healing through Music & Dance
March- April, 2026 Tour
Mike Stevens & Jeff Black
DRAFT Itinerary

AS OF 10/2/2025

Saturday, March 21 – Mike Stevens & Jeff Black Travel Day
4;40PM dep DTW arr SEA 6:40PM
Overnite at Radisson Seattle Airport

Sunday, March 22 – Mike, Jeff & TK - Travel to Nome
11:30 am dep SEA. Arr ANC-2:14pm
3:32 PM dep ANC. ARR OME 5:11 PM
check in at the Aurora Inn/ Dredge #7

Monday, March 23 – Travel Brevig Mission
Brevig Mission School. PO Box 85120 Brevig Mission, AK 99785 **Has 100 harmonicas**
9:30 am dep OME arr Brevig Mission 10am Bering Air **Bring 70 harmonicas**
12:40 PM School concert assembly, harmonica distribution & workshops. **Bring Door Prizes**
3-3:30 pm Boys & Girls Club
4 pm dep Brevig Mission arr OME 4:45pm Bering Air
Overnight at Dredge/Aurora Inn, 302 Front St, Nome, AK 99762, 443-3838 **– MS, JB TK**

Tuesday, March 24 – Nome
11:30 AM setup XYZ Sr Center 104 Division Street Nome, Alaska 99762 Box 98
12 noon -12:45pm mini concert with harmonicas distributed.
1:30 pm Nome Elementary School, Michelle Carlton, Pr. 1057 E 5th Avenue **20 harmonicas**
Assembly, small workshops.
5 Homeplate Shelter, 502 Nathan Barron Alley **135 harmonicas**
Overnight at Aurora Inn, 302 Front St, Nome, AK 99762 (907) 443-3838 **– MS, JB TK** **10 harmonicas**

Wednesday, March 25 - Nome Teller James Isabell School, Reid Jackowick, Pr.
P.O. Box 565, 100 Airport Ave Teller 99778
9:30 am – 10:20 am OME -TLA Bering Air
Teller School assembly and workshops **75 harmonicas**
4:35pm dep Teller. 5:25pm arrive Nome
Overnight at Aurora Inn, 302 Front St, Nome, AK 99762

Thursday, March 26 – NOME & Travel to Anchorage

9 AM Hospital Eldercare Quyanna -1000 Greg Kruschek Ave. P.O. Box 966, Nome, AK 99762 **20 harmonicas**
12:30 Nome Beltz Middle High School, Teriscovya Smith, Pr. – workshops/concert. **212 harmonicas**
2:30 Assembly
3:00 pm setup at Boys & Girls Club 415 West 2nd Street Nome, 99762 **20 harmonicas**
3:30 PM mini-concert, dancing and harmonica distribution w/lesson
5:59pm dep Nome. Arr ANC 7:34pm
Overnight Crowne Plaza Anchorage MS, JB,TK get rental car

Friday, March 27 – Anchorage

2:30 Anchorage Pioneer Home – 923 W. 11th Ave. Anchorage, AK
Three 15-minute small Alzheimer groups, one large group residents **80 harmonicas**
5 - 6 pm Covenant House Homeless Shelter 755 A St (8th Ave) **40 harmonicas/DoorPrizes**
Overnite Crowne Plaza

Saturday, March 28 – Day Off Jeff Black departs

Overnite Crowne Plaza

Sunday, March 29 – Fly Anc to BETHEL. Marc Brown joins tour

MB #CMYWRP dep FAI 3:40pm – 4:40 arr ANC.
MS, TK & MB - Dep ANC 5:43PM – 6:56 arr BET
B&B housing in Bethel TBD

Monday, March 30 – St. Mary's

Grant Air – BET – KSM dep 8:15am – 9 am
St. Mary's School -1 Dixon Circle, Box9 99658 **Have harmonicas Bring doorprizes**
School assemblies, workshops
dep KSM 2:35p-3:25m or 6:18 -6:56pm

Tuesday, March 31 – Pilot Station

9:15 AM 10:08 AM BET- PQS
Pilot Station School - Box 5090, 5090 School Rd.99650. **225 harmonicas/Door prizes**
Assembly & workshops
5:38PM – 6:16pm PQS -BET

Wednesday, April 1 – Bethel

AM - ME-2 Elementary School – 1005 Raven Rd, Bethel, AK 99559 PO Box 900
Looper workshop with 2nd graders. Assembly with 1st graders. **110 harmonicas**
PM - Bethel Youth Facility ? **23 harmonicas**
Yukon Kuskokwim Elder's Home 1100 Chief Eddie Hwy
McCann Center? 18 beds
7:40 pm dep BET – 8:46pm arr Anc
Overnite @ Crowne Plaza

Thursday, April 2 – Fairbanks

dep ANC 8 am- arr Fai – 8:58 am
Raven Landing 1222 Cowles Street Fairbanks AK 99701
10 am Set-up **30 harmonicas**
11 – 11:45 am mini-concert with harmonica distribution
Overnite @ Sophies Plaza

Friday, April 3 – Fairbanks

Family Centered Services of Alaska-Residental Treatment Center. 3101 Lathrop St. Fairbanks
10 am mini-concert, 11 am – workshops 25 harmonicas
7:30 pm Concert at UAF Davis Hall
Overnite @ Sophies Plaza

Saturday, April 4 – Mike travels to Seattle. 1:25 pm dep ANC arr SEA 5:58pm

Overnite Radisson Seattle Airport Phone 206.244.6666

Sunday, April 5 – Mike travels to DTW. 8:30 am dep SEA, arr DTW 3:55 pm

Healing through Music & Dance Program

Proud Project Member of the North Star Community Foundation

Mission: To share skills to create music & dance; clear a path for safe, creative expression of feelings; begin trauma recovery; build lasting relationships; connect often.

Program Description

HTMD offers interactive workshops, concerts, and dance opportunities in Alaskan communities.

With input from all of the community, including youth, Mike Stevens, harmonica virtuoso, and other musicians perform and show how their instruments are tools for safe expression of feelings, even without being able to read music. He demonstrates how to use a looper to create compositions, incorporating traditional and beat-boxing techniques. After telling his own story of struggles in school, Mike shares how he/they can express feelings through sound with their harmonica. Each participant receives a harmonica to keep. They learn basic techniques but quickly Mike turns the leading over to the youth to create their own compositions and soundscapes. Youth lead as performers, composers, sound engineers, recording vocals, working with the microphone and harmonica. After multiple visits, the institutions receive a looper and sound system with microphones so they can continue to create compositions after Mike Stevens leaves. Often Mike collaborates with a local musician, drummer and dancers creating a new work of self expression using both traditional and contemporary tools.

HTMD strives to foster self-esteem through respecting culture and education, by developing activities that help youth feel safe, engaged, strong and resistant to alcohol, drugs and other forms of abuse. This work addresses the need to prevent suicide by developing connections with those who have survived trauma. The purpose is to teach new skills, promote self-esteem and creative self-expression.

HTMD History

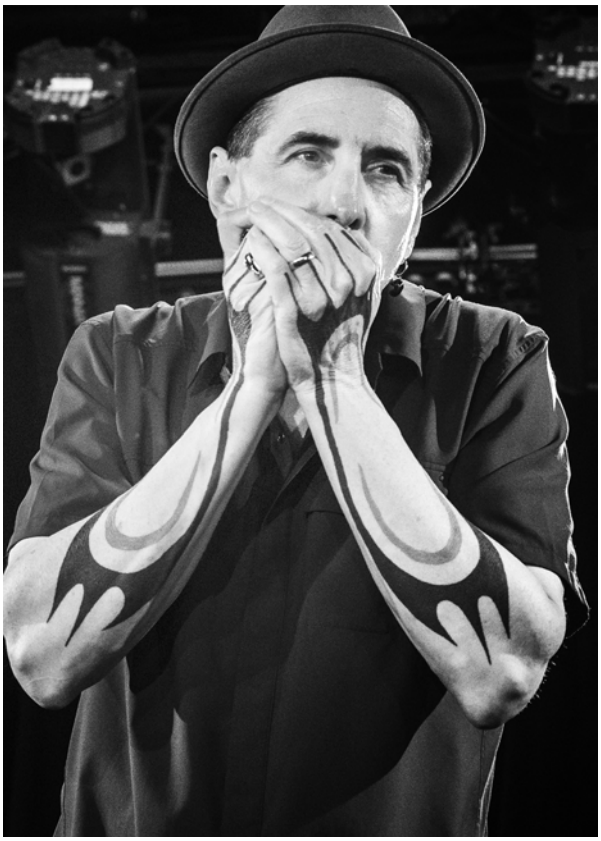
Healing through Music & Dance became a Project Member of NSCF in March, 2024. Prior to that HTMD was a Program Fund of Bethel Community Services Foundation starting in 2018. The program originated as an Outreach activity of the Fairbanks Summer Arts Festival in 2013 with its first events in Bethel and Akiak. It quickly expanded to Hooper Bay and other western communities in need of suicide prevention support at the request of the YK Behavioral Health. Since the onset, Harmonica Man Mike Stevens, founder of ArtsCan Circle in Canada (same mission), has brought his healing music message, safe expression of feelings through the breath and harmonica, throughout AK, especially in remote communities.

HTMD has served 32 Communities as of May 1, 2025, cultivating ongoing relationships by repeated visits: Fairbanks (20 times), Nenana (10), Arctic Village (4), Venetie, Ruby, Fort Yukon, Bethel (17 visits - 6 schools, Teens Acting Against Violence, McCann, BYF, Cama-i Festival), Chefornak, Newtok (2), Mertarvik, Akiak (5), Akiachak, Alakanuk, Hooper Bay (4+), Chevak, Utqiagvik/Barrow, Huslia (3), Tanana (6), Healy, Denali Park, Cantwell, Anderson(2), Galena (3), Nulato, Koyukuk, Nome (4), Kotzebue (3), Noorvik, Napaskiak, Anchorage (3), Eagle River and Rampart (remote video program). To date, HTMD has gifted nearly 9,000 harmonicas around Alaska.

Need for the Program

According to the CDC, “Alaska was the state with the highest rate of suicidal death among adolescents in the US. in 2019.” AK village youth have 10 out of 15 (CDC’s) risk factors for suicide, isolation being one. Isolation is listed as a suicide cause by the Substance Abuse & Mental Health Service Administration (SAMSHA) and they noted that the Yukon-Kuskokwim tribal region's rate was above 60 per 100,000 people, an area. In JAMA Psychiatry, authors stated that “There are evidence-based suicide prevention interventions that were designed to be delivered remotely...have reduced suicide rates...Follow-up contact may be especially important." CDC suggests “to stay **connected** and maintain meaningful relationships...” HTMD makes a practice of revisiting communities to nurture and maintain the healing relationships it has started.

S Y N E S T H E S I A & A L E A P O F F A I T H
M I K E S T E V E N S



Mike Stevens is an award-winning harmonica player, composer and author living in Point Edward Ontario Canada. His talent is as unorthodox as his career trajectory. As a ground-breaking performer, composer, educator, keynote speaker and author, Mike continues to expand the paradigms of harmonica, balancing tradition with cutting-edge innovation. When Mike performs, the Harmonica becomes a musical paintbrush with no limits. Whether its a Solo looping piece , a composition for The Atlantic Ballet of Canada or a West African music collaboration

“He literally Breathes In the World and Breathes out Music.”

”What I love about my career is that it's real. For example, a changing room has been a suite at The Plaza Hotel in New York City to a Porta John at a rodeo ---- and all things in between. From performances in front of Royals to playing for amazing youth across the North. I’m truly grateful"

For more than 50 years, Mike has performed around the world, crisscrossing the globe many times----- from China to Antarctica, from The North Pole to the Middle East, and many places in between. From major festivals to concert halls and theatres, to music rooms---- even a stadium in Japan. His pioneering bluegrass work includes countless festivals and 100's of shows at the world--famous Grand Ole Opry with Bluegrass Legends

Jim and Jesse, along with many performances with Raymond McLain at the historic Carter Fold.

On July 18th, 2024, Mike performed the most northerly concert in the history of the world-----on the ice at The North Pole, 90 degrees North.

Mike has received awards in bluegrass, blues, country and folk music-----not to mention the Solo soundscape compositions, including a performance at World Press Photo in Amsterdam with Magnum photographer Larry Towell

Awards

Officer of the Order of Canada
Meritorious Service Medal (Government of Canada)
Queens Diamond Jubilee Medal (Government of Canada)
YMCA Canada Peace Medal (Canadian Medal)
Honorary Kentucky Colonel (The State of Kentucky)
Slaight Music Humanitarian Award (Canadian Country Music Association)
Innovator of the year Award - first ever (Canadian Folk Music Awards)
Estelle Klein Award (Folk Music Ontario)
Award of Excellence (Ontario Contact)
Peter Gzowski Award (PGI Canada National Literacy)
Recording of the Year (Central Canadian Bluegrass Awards)
Top selling record for "Blowing up a Storm" (Pinecastle Records)
1990-1994 Entertainer of the Year (Central Canadian Bluegrass Awards) - retired from the category

Mike is the Founder of Artscan Circle, a non-profit organization that partners with with Northern Communities across Canada and using the arts as a tool for self expression and joy.

Mike is the co founder with Terese Kaptur of Healing through Music and Dance providing workshops in remote Alaskan Villages

Mike has done workshops across the North and personally given away aproximately 50,000 harmonica and with Artscan Circle countless musical instruments have been collected and shipped to many deserving communities.

This is not a complete list but here are some of the communities that Mike has had the honour of giving workshops in. Many of these multiple times

Canada

Sheshatshui Labrador (many times).
Pikangikum Ontario (many times).
Mishkeegogamang Ontario (multiple times).
Kugluktuk Nunavut (multiple times)
Natuashish Labrador (multiple times)
Davis Inlet Labrador (multiple times)
Wabaseemoong, ON (multiple times)
Sioux Lookout Ontario (multi. times)

Lac Seul First Nation Ontario.
Atlin BC
Marsh Lake Yukon
Carmacks Yukon
Gjoa Haven Nunavut (multiple times).
Igloolik Nunavut.
Rankin Inlet Nunavut.
Iqaluit Nunavut
Ulukhaktok Northwest Territories.
Dettah Northwest Territories
Goose Bay Labrador
Carcross Yukon
Teslin Yukon
Watson Lake Yukon
Whitehorse Yukon
Baker Lake Nunavut
Pond Inlet. Nunavut
Cambridge Bay Nunavut
Cape Dorset. Nunavut
Yellowknife Northwest Terr.
Behchoko Northwest Terr.
Torngats Labrador
Workshops in Goose Bay Labrador with youth from Nain, Hopedale, Postville, Makkovik, and Rigolet

Alaska

Fairbanks (20 times)
Arctic Village (4)
Ruby
Bethel (17).
Newtok (2)
Akiak. (5)
Alakanuk.
Chevak
Huslia. (3)
Healy
Cantwell
Galena. (3)
Koyukuk
Kotzebue (3)
Napaskiak
Eagle River
Nenana (10)
Venetie
Fort Yukon
Chefornak
Mertarvik
Akiachak
Hooper Bay (4)
Utqiagvik/Barrow
Tanana (6)
Denali Park
Andersen. (2)
Nulato
Nome. (4)
Noorvik
Anchorage (3)
Rampart (remote video program)

S P E A K E R

Mike has been the Keynote Speaker and guest lecturer at many events such as:
The Canadian Music Therapy Conference
Ontario Conference of Folk Festivals
Dalhousie Medical School
TEDx Talks and many more

W O R K S H O P S & R E S I D E N C I E S

From Ground Breaking Harmonica technique to Group Harmonica lessons (as large as 400 people) where everyone gets a custom harmonica and learns to play several songs And has a lot of fun

Mike's extensive experience with youth, allows him to creates a safe environment for artistic self expression through residencies, workshops and team-building exercises.

C O M P O S E R

Mike writes and records in many genres:
PiggyBack and Push Record – 2 CD's of original music co-written and released with Roots music phenom Matt Andersen
Many Bluegrass music originals
Soundscape and Film soundtrack work on A Walk in My Dream
Composed and performed music for The Atlantic Ballet Of Canada
Diving rock music and live looping on the CD Normally Anomally
Experimental multimedia soundscape music for Larry Towell – performed at World Press Photo Exhibition in Amsterdam

M I K E H A S B E E N T H E S U B J E C T O F 2 F E A T U R E F I L M D O C U M E N T A R I E S

The award winning Harmonica Crossing (2000) about Mike's career at the World Famous Grand Ole Opry
The recently released A Walk in My Dream (2011) produced by Jonathan Torrens about his work with ArtsCan Circle

Marc Brown, guitar

https://g.co/kgs/AadVeM

Born into a family of musicians, Marc Brown of Marc Brown & The Blues Crew was raised in Huslia, Alaska. He learned to play the guitar starting at age four and eventually joined his grandfather's band, gathering a country gospel influence. Marc later studied at Berklee College of Music. Throughout their more than 20-year career, Marc Brown & The Blues Crew opened for several big name acts including ZZ Top and Jethro Tull. Their 10th album, Indian Rock'n'Roll, won them a 2011 Native American Music Award for Best Blues Recording and a nomination for Group Of The Year. Their latest album, "Still Got the Blues", stays true to the band's danceable blues sound.

https://www.google.com/search?q=marc+brown+and+the+blues+crew&rlz=1C1EJFC_enUS814US815&oq=Marc&gs_lcrp=EgZjaHJvbWUqDwgAECMYJxjjAhiABBiKBTIPCAAQIxgnGOMCGIAEGIoFMgwIARAuGCcYgAQYigUyFQgCEC4YFBjHARiHAhixAxjRAxiABDIGCAMQRRg5MgwIBBAuGEMYgAQYigUyDAgFEC4YQxiABBiKBTINCAYQLhiDARixAxiABDIGCAcQRRg90gEIMjUwN2owajeoAgCwAgA&sourceid=chrome&ie=UTF-8

Jeff Black, Guitar

Jeff started playing the banjo as a child. Throughout grade school and high school, Jeff played several band instruments, including the trombone and the saxophone. But the guitar became his main love.

He started playing professionally at the age of 26, and has played professionally ever since.

Jeff has toured across North America, from Nevada to Virginia to Long Island to Wyoming to Alberta to Nova Scotia. He has shared the stage with artists such as Pam Tillis, Tim McGraw, The Road Hammers, LoCash, Jason Blaine and others.

https://www.facebook.com/Jeff.mightysnoro.Black/

Jeff Getty is a life-long guitarist who has performed north-americana based music (blues, rock, country, folk, jazz, etc.) at festivals, concerts, and live music venues throughout the U.S., Canada, and Europe as both a solo performer and as a backing musician.

Jeff started playing guitar at age 12, by age 14 he was teaching which he has continued to the present. He taught at Huron House Boys Home in Ontario, CA, a residential school for at-risk youth.

Jeff was part of a group who won the Hard Rock Café's battle of the bands in Toronto. He toured the UK, playing the Borderline Club in London and an array of festivals as openers for the likes of Joe Cocker and Amy Winehouse. He has played CBGB's (NYC) and was a regular performer at the legendary Horseshoe Tavern in Toronto. He also spent time in Austin, Texas, playing the 6th Street circuit regularly.

In recent years, Jeff has performed as a backing musician with world-renowned harmonica virtuoso, Mike Stevens. He has visited many Alaskan communities as part of the Healing through Music & Dance Program with Mike Stevens, including an historic collaborative performance with Chevak drummer Panuk Agimuk at the Cama-i Festival in Bethel. Additionallly, he performed in Akiak, Hooper Bay, Chevak, Newtok, Mertarvik, Fairbanks, Nenana, Ruby, Galena, Tanana.

SOUND AFFECTS

Story and photos by Todd Paris

Canadian Mike Stevens is one of the most sought-after harmonica players in the world, but the residents of Akiak don't know much about that. They care about the music. During a break at a dance and concert performance with a local band in the village's community center last July, Stevens invited the kids to follow him into the attached laundry room, where he handed out free harmonicas, followed immediately by an impromptu lesson on how to play. For most of the kids, it was their first experience with the instrument, and the smiles that resulted were topped only by the variety of weird and wonderful sounds that ensued.

Stevens and fellow musician Raymond McLain made the trip to the Kuskokwim River community through an outreach effort by Terese Kaptur, director of the Fairbanks Summer Arts Festival. Sally Russell, assistant director at UAF's Kuskokwim Campus in Bethel, jumped at the chance to host events.

Stevens has devoted a good part of the past decade to fighting substance abuse, primarily the practice of sniffing gasoline from small bags, or huffing, in remote northern villages of his native Canada. In 2012, he was awarded the Queen's Diamond Jubilee award for founding ArtsCan, a nonprofit organization that brings together artists and indigenous Canadian youths in creative expression.

Stevens said the harmonica is a perfect avenue for his work with substance abusers. Not only are they small and easily transportable, they connect in a more practical way with kids who are into huffing.

"Harmonicas are the gateway since it's all about breathing," he said. "I've seen kids pick up a harmonica for the very first time and be able to use it instantly to express their feelings and emotions in a way they've never experienced before. It can make them feel better by being able to say something on the instrument that is genuinely theirs and instantly valid."

After visiting Akiak, Stevens and McLain stayed an extra day in Bethel, where they again performed before an appreciative local audience, but not before visiting with residents of the state's only huffing

"I've seen kids pick up a harmonica for the very first time and be able to use it instantly to express their feelings and emotions in a way they've never experienced before. It can make them feel better by being able to say something on the instrument that is genuinely theirs and instantly valid."

treatment center. Stevens again passed out free harmonicas to the dozen or so residents, all young men between the ages of 13 and 18. He shared a quick lesson, but more importantly, he listened to their stories with compassion and without judgment.

Stevens and McLain plan to make a return trip to Bethel and Akiak in spring 2014, which would suit Mike Williams, Akiak's village chief. "It was an event that had lasting influence about positive self-esteem. It would be good to have maybe two evenings of events where we would invited surrounding villages." If funding allows, the muscians will visit Hooper Bay as well, and they're hoping to return during their 2014 FSAF stint in July. Stevens is convinced of the importance of maintaining a relationship with people he meets during his travels, and that follow-up is crucial to providing a positive influence on young people.

"It's been close to 14 years since I first saw kids huffing in Sheshatshiu [an Innu community in northern Labrador]," Stevens said. "Since then I've been able to get back there twice a year. The money comes in from garage sales and concerts and private donations, with very little government money."

"It all comes down to building relationships," he continued. "When you get people talking and just shut up and listen to them and become friends, then the barriers break down and conversations begin that can lead to real solutions. But you've got to earn that level of trust, and that doesn't come from a single visit."

Alumni in this story: Terese Kaptur, '76, '86

Todd Paris, '83, is the campus photographer for Marketing and Communications. You can see more of his UAF work at **www.photos.uaf.edu** or his personal work at **http://parispub.smugmug.com**.

"Some of the kids are still playing along with some adults," Chief Williams said. "They have been asking about when the next visit would be because they really enjoyed the jam session."

> When you get people talking and just shut up and listen to them and become friends, then the barriers break down and conversations begin that can lead to real solutions.

Web extra: Read more about Mike Stevens and his youth outreach program at **www.mikestevensmusic.com/artscan/.**

Mike Stevens demonstrates how to play the harmonica during a class for teens in Nenana.

The Healing Powers of Music

Harmonica is portal to connecting with teens, providing a voice for expression

By Kris Capps

The most important audiences musician Mike Stevens faces every day are young people about to discover a new way to express their feelings. He helps them do that by handing them a harmonica.

Mike is an international harmonica virtuoso who has performed hundreds of times on the stage of the famous Grand Ole Opry.

His star trajectory took a detour nearly 20 years ago when he visited a remote village in Canada and encountered young people sniffing gas. Mike has since dedicated his life to reaching out to young people, especially in remote communities.

He launched a nonprofit called ArtsCan Circle that connects artists with indigenous youth. Now he travels around the world, and throughout Alaska.

In March, Mike spent time in a Nenana classroom with students from villages across the state. Many teens come from their home village to attend high school in this rural community on the Parks Highway. They live at the Nenana Student Living Center.

These are Mike's people.

Students learned how to use a device called a looper and tell a story through music and sound. Some strolled in with a guitar and ended up jamming with Jeff Getty, another professional musician accompanying Mike. All these students learned how to bend notes on a harmonica.

In recent years, Mike has traveled to rural communities, such as Nenana, and remote villages, such as Hooper Bay, Tanana and Akiak. Under the umbrella of the Fairbanks Summer Arts Festival, he empowers youth by helping them discover the healing power of music. He works closely with students and says

Clockwise from left, Dante Burk jams with Jeff Getty during the workshop, which combined both harmonica and guitar. Each student receives a harmonica from Mike Stevens. Aquinnah Tremblay and Al Lane Jr. give harmonicas a try.

Photos by Isaac Stone Simonelli

he sees the benefits, even during his short time with them.

"Mike Stevens showed our students how harmonica music can be used to express our inner feelings, and the power of this expression in helping to cope with situations requiring resiliency," says Eric Filardi, a teacher at Nenana City Public School. "His captivating and energetic personality is immensely supportive of our kids, and invites them to take safe risks in the comfort of their own performance."

The fact is, anyone can play the harmonica.

What Mike shares, according to Eric, is how to be inventive, resourceful and imaginative with that harmonica. Those are skills needed to succeed today and in the future, he says.

Mike plans to return in the fall to visit the villages of Newtok, Akiak and perhaps some other communities.

"Mike's tours are powerful tools of change in the communities that he visits," says James Menaker, director of Fairbanks Summer Arts Festival. "He has the ability to connect with young people who have been marginalized in our society and draw out of them the reality of their thoughts and dreams and emotions."

At one village during the March tour, teachers suggested Mike would be wasting his time trying to work with certain teens.

"They assured Mike that these young people did not participate in art or dance or Native traditions, and he would have no more luck with them than any of their other adult professionals," says James.

Within half an hour, with the power of a simple harmonica, Mike connected with those teens.

"He showed them how to create their own language using music and express in song what words did not have the power to convey," says James. "He played and they played, and they played together, and they began dancing, pulling out traditional dances that they had not performed in years and years. The teachers' eyes popped open and their jaws hit the floor as they shared that they had never seen anything like this before."

That is why Fairbanks Summer Arts Festival sponsors the tours.

"He is a shining example of what happens when you are able to awaken the inner artist of young men and women: community transformation," says James.

He brings something the kids aren't expecting, says James. Hope. ■

SHARE

Musican Mike Stevens returns to Interior Alaska

The harmonica man is back. Mike Stevens is a harmonica virtuoso who has visited villages in Interior Alaska and the Y-K Delta Region since 2013 — performing, teaching and inspiring young people to express their feelings in healthy ways. This trip he is accompanied by musician Marc Brown, of Huslia, from Marc Brown & The Blues Crew.

He and Brown will hold a private session at the Family Centered Services of Alaska on Thursday and then visit the villages of Galena, Nulato, Koyukuk and Huslia throughout the following week. They will be at Nenana School on Sept. 25 and hold workshops there from 9-11:40 a.m. and then perform all-school concert 11:45-12:15 p.m.

Stevens started coming to the Interior under the umbrella of the Fairbanks Summer Arts Festival and is now under the auspices of the Bethel Community Services Foundation. The program he spearheads is called "Healing through Music and Dance."

Through music, drumming, song, dance, beat-boxing and composing, indigenous youth are able to discover their voice and express themselves in a safe and nurturing environment. The program helps some youth to heal from trauma.

Over the years, Stevens has made return visits to many villages.

"In returning regularly, we build community skills and a sense of safety/trust and promote self-esteem through creative self-expression," said Terese Kaptur, program director.

In Nenana, on one of those visits, he left behind a looper, which allows youth to record sounds and then build on those sounds to tell their own stories. What he starts often continues long after he leaves. Stevens shows youth how to express themselves with a harmonica, even without being able to read music. He also hands out free harmonicas.

Stevens is the recipient of Canada's Medal of Honor for 20 years of healing work in Canadian villages. He has performed at the Grand Ole Opry more than 300 times and continues to win international awards for his innovative work and recordings.

His life changed in 1999 when he visited a community in the Far North of

SUNDAYS

Mike Stevens welcomes all of Nenana School to a short concert featuring himself and musician Marc Brown. KRIS CAPPS/NEWS-MINER

Musicians talk healing and health in Nenana

Kris Capps
COMMUNITY EDITOR
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NENANA — Harmonica virtuoso Mike Stevens can't read a note of music. Instead, he sees sounds as colors, a condition known as synesthesia. That, he tells students at Nenana School, is his superpower.

Stevens returns to Nenana School every year, helping students learn to tell their own stories through music and to express their feelings in healthy ways.

"I play emotions," Stevens told the teens.

This year, he had some help. Marc Brown, of Huslia, toured with him. Brown, of Marc Brown & the Blues Crew, is a well known Native American musician, recently nominated for his second national Native American Music Award. He had never been on a tour like this before, specifically visiting with young people and helping them heal from trauma through music, composing, dance and drumming. He found it inspiring.

"Music has been like a healer for me," Brown told a roomful of teens. "I had a rough upraising. I didn't have a dad. If it wasn't for music, I probably wouldn't be here."

Both musicians were able to show students how they musically express emotions — happy, sad, even mad.

Considering they met for the first time just a week earlier, the two musicians made a good team. When they played together in the school gymnasium, students sitting on the bleachers couldn't sit still. Heads bobbed and feet tapped. At other rural villages, the audience often left their seats for impromptu dancing during their concert.

On this tour, the duo also traveled to Galena, Nulato, Koyukuk and Huslia, and Family Centered Services in Fairbanks and Nenana School. Nearly 100 teens from all over the state attend Nenana School while living at the Nenana Student Living Center.

Nenana teacher Eric Filardi, who helps coordinate the Nenana visits, said the value of the musical mentoring is invaluable.

"The way that Mike Stevens works with expression through harmonica playing and music ignites all areas of students' development of self-expression," Filardi said. "Through his story, musical talent and passion, Mike helps our students to realize that authentic expression is not about trying to impress others; it is about being ourselves and amplifying our positive connections with those who support us. His continued support of our Nenana students has manifested in hugs, giant smiles, and joy that spread through our school in Pied-Piper fashion every time he walks through our doors."

Brown said it was powerful to work with students in this way.

"It was nice to be able to share my story with some of these kids," he said. "Some are going through what I went through. I could tell by the look in their eyes that we were helping them."

Stevens has been sharing music with indigenous youth since 1999.

This Healing Through Music and Dance Program is under the umbrella of the Bethel Community Services Foundation and is the result of support from numerous organizations including Tanana Chiefs Conference, Alaska Community Foundation/GCI, Goldstream Engineering, Alaska Airlines, Wright Air, Sophie Stations and many individuals.

Reach columnist/community editor Kris Capps at kcapps@newsminer.com. Call her at the office 459-7546. Follow her at twitter.com/FDNMKris.

Marc Brown toured with Mike Stevens, and shared the healing power of music. He is an award-winning musician recently nominated for a Nammys award. KRIS CAPPS/NEWS-MINER

Students ask for autographs on their harmonicas and even on their backpacks. KRIS CAPPS/NEWS-MINER

Mike Stevens travels with this case of harmonicas. KRIS CAPPS/NEWS-MINER

Marc Brown of Huslia toured with Mike Stevens this month, for the first time. KRIS CAPPS/NEWS-MINER

Left: Every student gets a harmonica when Mike Stevens comes to town. ERIC FILARDI PHOTO

Right: Nenana students learn how to tell musical stories using a looper. ERIC FILARDI PHOTO

Three Nenana students volunteered. Mike Stevens wrote and performed a song about them, on the spot. KRIS CAPPS/NEWS-MINER

OUR TOWN

Right: Where is Mike Stevens? He is sitting with students celebrating their new harmonicas. Below: Harmonica virtuoso Stevens is always happy to demonstrate how to use the harmonicas he gives to students. PHOTOS COURTESY KAREN LORD

Tuned in: Harmonica expert, Minto elder share expertise with students

Kris Capps
COMMUNITY EDITOR
kcapps@newsminer.com

NENANA — Everyone gets a harmonica when Mike Stevens comes to town.

This was his third annual visit to Nenana School students. But it was the first time they were joined by students from Anderson School. They all sprawled on a classroom floor and learned how to use a looper to create their own musical stories. A looper is a device that repeats over and over whatever is recorded. New sounds can be layered on top of each recording.

A second special visitor was Luke Titus, first chief of Denakkanaaga. The elder from Minto did some drumming, told stories about his childhood, shared some of his personal Native regalia and offered words of advice to students.

"Once you learn something, the world opens for you," he told a classroom filled with students. "My advice is that you try your best, whatever it is, whenever you go out. Be motivated to go with what you have."

Meanwhile, in another room, Mike Stevens continued sharing his love of music. He starts with the harmonica, a tool for self-expression. Anyone can make music with a harmonica, even if they can't read music. Stevens doesn't read music himself; he sees music in colors.

Then he shows teens how to use the looper and, before long, students are working together, creating their own compositions, using the harmonica, their voices and other man-made sounds. Twenty years of dedicated work with students in Canadian villages earned Stevens Canada's Medal of Honor. He also works with rural communities in Alaska, thanks to the Bethel Community Services Foundation and many other supporters.

Stevens helps students express their feelings in healthy ways — through music, drumming, song, dance, beat-boxing and composing. The day in Nenana was included in a tour of Interior Alaska communities. Accompanying him on a tour of schools in Western Alaska was Yupik drummer/singer Panuk Agimuk.

Reach columnist/community editor Kris Capps at kcapps@newsminer.com. Call her at the office 459-7546. Follow her on Twitter @FDNMKris.

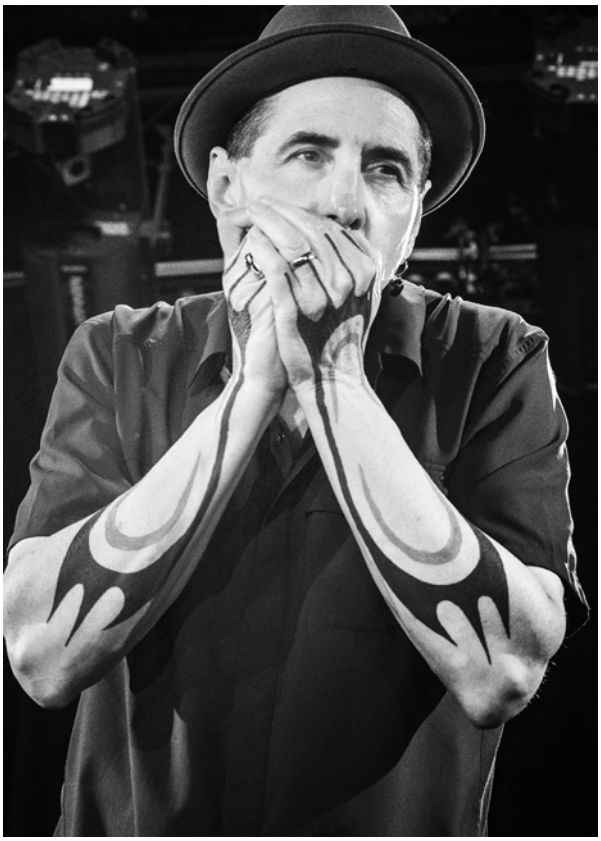
Above: Luke Titus drums. PHOTO COURTESY KAREN LORD
Above right: Titus shares his regalia with Anderson students Cooper Taylor, Isaiah Turley, Chloe Wood and Tilly Jones. PHOTO COURTESY TERESE KAPTUR
Right: Stevens plays the harmonica. KRIS CAPPS/NEWS-MINER

Top: Anderson School first grader Tilly Jones tries on one of Luke Titus's necklaces and peeks out from behind his back. PHOTO COURTESY TERESE KAPTUR
Above: Mike Stevens shows students how to use a looper to create their own stories through sound. KRIS CAPPS/NEWS-MINER
Left: Terese Kaptur surprises Nenana Teacher Eric Filardi with sound equipment that students can use. KRIS CAPPS/NEWS-MINER

Terese Kaptur, Program Director
Healing thru Music and Dance

Terese Kaptur is the Program Director of HTMD, a Project Member of North Star Community Foundation. She started the HTMD program in 2013 while serving as Director of the Fairbanks Summer Arts Festival. After retiring from FSAF, she continued the program under the sponsorship of the Bethel Community Services Foundation. After 22 years working as an Arts Administrator outside Alaska, Terese returned to AK in 2009 to serve as Director of the Fairbanks Summer Arts Festival, a multi-disciplinary arts festival which offered study and performance opportunities with world-class artists. She pioneered a statewide outreach program that served thousands while offering the hidden benefit of healing trauma through artistic expression. Annually, Terese planned and then directed an average of 200 events statewide during 2-weeks. During her career as an arts administrator also she served as Executive Director and as consultant to of several orchestras and festivals in AK and the Lower 48. Always passionate about outreach, early childhood brain development and the healing powers of the arts, Terese helped pioneer new programs in music for Ages 0 to 3 and Music Therapy for healing while working in at the Pittsburgh Symphony. Terese earned her Bachelor's and Master' degrees in Piano & Composing at University of Alaska Fairbanks. Her music compositions have been performed internationally.

S Y N E S T H E S I A & A L E A P O F F A I T H
M I K E S T E V E N S



Mike Stevens is an award-winning harmonica player, composer and author living in Point Edward Ontario Canada. His talent is as unorthodox as his career trajectory. As a ground-breaking performer, composer, educator, keynote speaker and author, Mike continues to expand the paradigms of harmonica, balancing tradition with cutting-edge innovation. When Mike performs, the Harmonica becomes a musical paintbrush with no limits. Whether its a Solo looping piece , a composition for The Atlantic Ballet of Canada or a West African music collaboration

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For more than 50 years, Mike has performed around the world, crisscrossing the globe many times----- from China to Antarctica, from The North Pole to the Middle East, and many places in between. From major festivals to concert halls and theatres, to music rooms---- even a stadium in Japan. His pioneering bluegrass work includes countless festivals and 100's of shows at the world--famous Grand Ole Opry with Bluegrass Legends

Jim and Jesse, along with many performances with Raymond McLain at the historic Carter Fold.

On July 18th, 2024, Mike performed the most northerly concert in the history of the world-----on the ice at The North Pole, 90 degrees North.

Mike has received awards in bluegrass, blues, country and folk music-----not to mention the Solo soundscape compositions, including a performance at World Press Photo in Amsterdam with Magnum photographer Larry Towell

Awards

Officer of the Order of Canada
Meritorious Service Medal (Government of Canada)
Queens Diamond Jubilee Medal (Government of Canada)
YMCA Canada Peace Medal (Canadian Medal)
Honorary Kentucky Colonel (The State of Kentucky)
Slaight Music Humanitarian Award (Canadian Country Music Association)
Innovator of the year Award - first ever (Canadian Folk Music Awards)
Estelle Klein Award (Folk Music Ontario)
Award of Excellence (Ontario Contact)
Peter Gzowski Award (PGI Canada National Literacy)
Recording of the Year (Central Canadian Bluegrass Awards)
Top selling record for "Blowing up a Storm" (Pinecastle Records)
1990-1994 Entertainer of the Year (Central Canadian Bluegrass Awards) - retired from the category

Mike is the Founder of Artscan Circle, a non-profit organization that partners with with Northern Communities across Canada and using the arts as a tool for self expression and joy.

Mike is the co founder with Terese Kaptur of Healing through Music and Dance providing workshops in remote Alaskan Villages

Mike has done workshops across the North and personally given away aproximately 50,000 harmonica and with Artscan Circle countless musical instruments have been collected and shipped to many deserving communities.

This is not a complete list but here are some of the communities that Mike has had the honour of giving workshops in. Many of these multiple times

Canada

Sheshatshui Labrador (many times).
Pikangikum Ontario (many times).
Mishkeegogamang Ontario (multiple times).
Kugluktuk Nunavut (multiple times)
Natuashish Labrador (multiple times)
Davis Inlet Labrador (multiple times)
Wabaseemoong, ON (multiple times)
Sioux Lookout Ontario (multi. times)

Lac Seul First Nation Ontario.
Atlin BC
Marsh Lake Yukon
Carmacks Yukon
Gjoa Haven Nunavut (multiple times).
Igloolik Nunavut.
Rankin Inlet Nunavut.
Iqaluit Nunavut
Ulukhaktok Northwest Territories.
Dettah Northwest Territories
Goose Bay Labrador
Carcross Yukon
Teslin Yukon
Watson Lake Yukon
Whitehorse Yukon
Baker Lake Nunavut
Pond Inlet. Nunavut
Cambridge Bay Nunavut
Cape Dorset. Nunavut
Yellowknife Northwest Terr.
Behchoko Northwest Terr.
Torngats Labrador
Workshops in Goose Bay Labrador with youth from Nain, Hopedale, Postville, Makkovik, and Rigolet

Alaska

Fairbanks (20 times)
Arctic Village (4)
Ruby
Bethel (17).
Newtok (2)
Akiak. (5)
Alakanuk.
Chevak
Huslia. (3)
Healy
Cantwell
Galena. (3)
Koyukuk
Kotzebue (3)
Napaskiak
Eagle River
Nenana (10)
Venetie
Fort Yukon
Chefornak
Mertarvik
Akiachak
Hooper Bay (4)
Utqiagvik/Barrow
Tanana (6)
Denali Park
Andersen. (2)
Nulato
Nome. (4)
Noorvik
Anchorage (3)
Rampart (remote video program)

S P E A K E R

Mike has been the Keynote Speaker and guest lecturer at many events such as:
The Canadian Music Therapy Conference
Ontario Conference of Folk Festivals
Dalhousie Medical School
TEDx Talks and many more

W O R K S H O P S & R E S I D E N C I E S

From Ground Breaking Harmonica technique to Group Harmonica lessons (as large as 400 people) where everyone gets a custom harmonica and learns to play several songs And has a lot of fun

Mike's extensive experience with youth, allows him to creates a safe environment for artistic self expression through residencies, workshops and team-building exercises.

C O M P O S E R

Mike writes and records in many genres:
PiggyBack and Push Record – 2 CD's of original music co-written and released with Roots music phenom Matt Andersen
Many Bluegrass music originals
Soundscape and Film soundtrack work on A Walk in My Dream
Composed and performed music for The Atlantic Ballet Of Canada
Diving rock music and live looping on the CD Normally Anomally
Experimental multimedia soundscape music for Larry Towell – performed at World Press Photo Exhibition in Amsterdam

M I K E H A S B E E N T H E S U B J E C T O F 2 F E A T U R E F I L M D O C U M E N T A R I E S

The award winning Harmonica Crossing (2000) about Mike's career at the World Famous Grand Ole Opry
The recently released A Walk in My Dream (2011) produced by Jonathan Torrens about his work with ArtsCan Circle

Marc Brown, guitar

https://g.co/kgs/AadVeM

Born into a family of musicians, Marc Brown of Marc Brown & The Blues Crew was raised in Huslia, Alaska. He learned to play the guitar starting at age four and eventually joined his grandfather's band, gathering a country gospel influence. Marc later studied at Berklee College of Music. Throughout their more than 20-year career, Marc Brown & The Blues Crew opened for several big name acts including ZZ Top and Jethro Tull. Their 10th album, Indian Rock'n'Roll, won them a 2011 Native American Music Award for Best Blues Recording and a nomination for Group Of The Year. Their latest album, "Still Got the Blues", stays true to the band's danceable blues sound.

https://www.google.com/search?q=marc+brown+and+the+blues+crew&rlz=1C1EJFC_enUS814US815&oq=Marc&gs_lcrp=EgZjaHJvbWUqDwgAECMYJxjjAhiABBiKBTIPCAAQIxgnGOMCGIAEGIoFMgwIARAuGCcYgAQYigUyFQgCEC4YFBjHARiHAhixAxjRAxiABDIGCAMQRRg5MgwIBBAuGEMYgAQYigUyDAgFEC4YQxiABBiKBTINCAYQLhiDARixAxiABDIGCAcQRRg90gEIMjUwN2owajeoAgCwAgA&sourceid=chrome&ie=UTF-8

Jeff Black, Guitar

Jeff started playing the banjo as a child. Throughout grade school and high school, Jeff played several band instruments, including the trombone and the saxophone. But the guitar became his main love.

He started playing professionally at the age of 26, and has played professionally ever since.

Jeff has toured across North America, from Nevada to Virginia to Long Island to Wyoming to Alberta to Nova Scotia. He has shared the stage with artists such as Pam Tillis, Tim McGraw, The Road Hammers, LoCash, Jason Blaine and others.

https://www.facebook.com/Jeff.mightysnoro.Black/

Community Action Grant Application

10/15/2025 10:15 PM (AKDT)

City of BETHEL — ALASKA —

COVER PAGE

Applicant Information

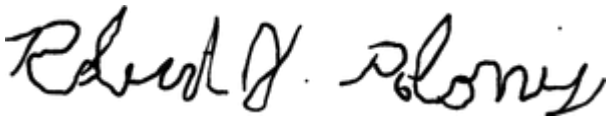
Applicant Name:	OnixAI
Applicant Address:	911 W 8th Ave., Ste 101, Anchorage, AK 99501
Contact Person:	RJ Palonis
Email Address:	cfo@onixai.net
Daytime Phone:	5709035946
Cell Phone:	5709035946

Grant Request Information

Grant Amount Requested:	5000
Will you accept less funding than the amount you requested? If so, tell us what a reduction would	Yes; a reduction would require OnixAI to seek additional funding elsewhere to make up the difference.
Will you accept less funding than the amount requested? If so explain what a reduction would look like for your planned program.	• Yes
Explanation of planned program reductions if funding level is reduced.	A reduction would require OnixAI to seek additional funding elsewhere to make up the difference.
Program/Project Title and Summary:	Project Title: RURL; Summary: a rural delivery app launching in Bethel that is expected to increase residents' access to essential goods and services, create employment opportunities, and support the city's economic initiatives
Date When Funds Are Needed:	12/12/2025
Project Beginning Date:	12/01/2025
Estimated Project Completion Date:	11/30/2026
Grant funding request for which funding period. Funds issued around the end of quarter date.	Quarter 4 Ending December 31

I affirm that if my organization, group, or self is granted funding, I (we) will be required to adhere to City guidelines related to the use of those funds, and will be required to provide timely reporting on the use of the granted funds. I

affirm that grant funds will be used for the intended purposes outlined for this program.

Signature of Authorized Officer/Applicant:	
Date:	10/16/2025

PROJECT SUMMARY

Please provide a comprehensive, clear and concise response to each of the questions below. If a question does not apply to your application, indicate by responding “Not Applicable.”

SUBSTANTIATING COMMUNITY NEED 1. Describe the overall goals, objectives, and activities to be accomplished by the proposed project. 2. Provide measurable outcomes for your project and how those outcomes will be measured.	Objective: The goal of RURL is to improve residents' lives in Bethel by making essential goods and services more accessible, while creating flexible jobs for local residents. The project will use technology to bridge service gaps that have long affected rural communities, where limited delivery, courier, and transportation options have historically made procuring basic goods and services expensive and inconvenient. Planned Activities: Launching a user-friendly mobile application that connects local stores and drivers with customers to facilitate deliveries of foods, household essentials, and small parcels; providing new income opportunities for residents as independent drivers and ride share drivers, creating flexible, locally managed employment; supporting small businesses in Bethel by expanding their customer reach through the RURL platform and improving their ability to compete with larger retailers; increasing convenience for households, elders, and students by offering reliable, affordable delivery and ride sharing services. Measurable Outcomes: RURL will track smart goals during its first year of operation to ensure clear accountability and impact assessment: (1) recruit and train 5 drivers within the first 3 months, scaling to 25+ drivers by the end of the first year; (2) partner with at least 10 local businesses such as restaurants, cafes, shops within the first month; (3) achieve 300 registered users within the first 6 months and 1,000+ by the end of the first year; (4) maintain 85%+ customer satisfaction rate based on in-app feedback, ratings, and quarterly surveys.
PROJECT GOALS AND OUTCOMES 1. Describe current efforts to collaborate and coordinate services with other community organizations regarding the proposed project. 2. Explain how you will develop any needed collaborative relationships that are not already in place.	To ensure RURL’s services are designed with the community rather than in spite of it, OnixAI has already begun conversations with local small businesses like convenience stores, groceries, and community members to better understand their supply chain challenges and delivery limitations. These early conversations have confirmed strong interest from both business owners, who see RURL as a way to expand their reach, and community members interested in becoming delivery or ride share drivers. As RURL transitions from planning to implementation, the next step is to formalize partnerships with tribal organizations, nonprofits, and local government programs to ensure long term sustainability and inclusivity.
COORDINATION AND COLLABERATATION	Currently, we are in preliminary discussions with local store owners and community leaders. These discussions have focused on understanding inventory management, delivery capacity, and pricing challenges unique to small town commercial enterprises. Additionally, RURL’s team is researching logistics and mobility models that have proven successful in other rural and remote regions, using these insights to adapt the platform to Bethel’s geography, population size, and infrastructure. We will formalize partnerships with local vendors, employ local residents as drivers and seek input from cultural and language advocates to ensure the service is accessible to everyone: Vendor partnerships: Signing formal agreements with grocery stores, restaurants, and convenience stores to integrate them into the rural delivery system.

	Community engagement: Employing and training local residents as drivers creating flexible employment opportunities. Cultural and accessibility consultation: Partnering with tribal organizations, language advocates, and community elders to reach individuals who could benefit from a new employment of transportation opportunities. Institutional collaboration: Exploring collaborations with local nonprofits, workforce development programs, and educational institutions to reach individuals who could benefit from new employment or transportation opportunities. Complementing and enhancing existing services: To our knowledge, there are no comparable technology-enabled delivery services in Bethel. While a few stores offer limited delivery options, RURL enhances these efforts by creating a unified, community-driven network that connects multiple stores, drivers and customers through a single mobile platform. This model expands access to a wider range of goods and services, reduces delivery inefficiencies and keeps economic activity within the community by prioritizing local employment and vendor participation.
IMPLEMENTATION PLAN 1. If this is a new project/activity, describe specific steps to be taken to implement the activity. Identify target dates for each phase of implementation. 2. If this is an existing project/activity, describe how this funding will be used to expand the scope of the existing activity. Identify target dates for each phase of implementation.	4.1 Beta Testing (November 2025): Conducting closed beta testing with 24 app testers (12 Android, 12 iOS), 2 vendors, and 4 drivers to refine user experience and performance. 4.2 Public Launch (December 2025): Launching RURL to the public in Bethel, Alaska with active vendor onboarding and user acquisition campaigns. 4.3 Community Expansion (Q1–Q2 2026): Expanding service coverage to at least two other Alaskan communities, building regional partnerships, and integrating advanced delivery and payment features. 4.4 Scaling & Growth (Q3–Q4 2026): Leveraging performance data to optimize logistics, marketing, and AI-driven automation. Preparing for national scalability and seed funding.
DEMONSTRATION EXPERIENCE AND FINANCIAL INFORMATION 1. Describe the applicant's (or the principal staff as it relates to the project) background, and experience in implementing the proposed activity or similar activities. 2. Provide a proposed budget breakdown with item & description, funding sources, amount, and total attachments are acceptable:	WG Anaruk is the Founder & CEO of Onix AI, a startup focused on developing artificial intelligence tools designed to support and connect rural communities. The company's first major project, RURL, is a smart logistics platform that uses AI to optimize delivery, courier and ride sharing services for residents of Bethel. Founder and CEO WG Anaruk was born and raised in Bethel and brings a deep understanding of the challenges faced by small town communities. His career spans over a decade in operations, logistics and small business management with leadership experience in both the private and public sector: Grant Aviation: rapidly promoted to Ramp Agent Supervisor, overseeing flight logistics, safety compliance and staff coordination. Grand Coffee: Served as Store Manager, responsible for staffing, inventory, vendor management, and daily operations. DGM Services: Founded and managed a commercial custodial contracting company in Anchorage, gaining extensive experience in contract administration, compliance and logistics. Bethel City Council: Elected to public office, gaining firsthand insight into local governance, policy implementation and community engagement. These experiences have built a strong foundation for managing multi layered operations like RURL. Mr. Anaruk's leadership, combined with Onix AI's growing network of local advisors and technical partners, provides the project with the operational capacity, community trust and technical oversight required for successful implementation.
Budget Breakdown Attachment if Applicable	RURL Proposed Year 1 Budget.pdf
Have you received funding from Community Action Grants before?	• No

Awardees will be required to present a written Exit Report to the Community Action Grant Board within 30 days of completion of the project/program. 1. Identify the timeframe in which you anticipate providing an Exit Report 2. If applicant has a current Community Action Grant in progress, provide a spending plan that clearly shows how the remaining funds will be spent to complete the project/program.	11/30/2026 - 12/31/2026

YEAR 1: RURL FOOD DELIVERY LAUNCH BETHEL, AK BUDGET

	Dec-25	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	Oct-26	Nov-26
Income												
Sales												
Order Subtotal	$ 2,793.56	$ 4,504.24	$ 7,235.88	$ 11,556.84	$ 18,291.24	$ 28,549.34	$ 43,644.41	$ 64,769.96	$ 92,359.04	$ 125,325.76	$ 160,811.82	$ 195,007.30
Delivery Fees	$ 465.59	$ 747.80	$ 1,196.66	$ 1,903.85	$ 3,001.61	$ 4,666.87	$ 7,106.85	$ 10,506.12	$ 14,923.44	$ 20,172.11	$ 25,784.08	$ 31,146.41
Total Sales	$ 3,259.16	$ 5,252.04	$ 8,432.54	$ 13,460.69	$ 21,292.85	$ 33,216.22	$ 50,751.26	$ 75,276.08	$ 107,282.48	$ 145,497.87	$ 186,595.90	$ 226,153.71
Other Income												
Vendor Commission	$ -	$ -	$ -	$ 1,733.53	$ 2,743.69	$ 4,282.40	$ 6,546.66	$ 9,715.49	$ 13,853.86	$ 18,798.86	$ 24,121.77	$ 29,251.09
Total Other Income	$ -	$ -	$ -	$ 1,733.53	$ 2,743.69	$ 4,282.40	$ 6,546.66	$ 9,715.49	$ 13,853.86	$ 18,798.86	$ 24,121.77	$ 29,251.09
Total Income	$ 3,259.16	$ 5,252.04	$ 8,432.54	$ 15,194.22	$ 24,036.53	$ 37,498.62	$ 57,297.92	$ 84,991.58	$ 121,136.34	$ 164,296.74	$ 210,717.67	$ 255,404.80
Expense												
COGS												
Delivery Cost	$ 465.59	$ 747.80	$ 1,196.66	$ 1,903.85	$ 3,001.61	$ 4,666.87	$ 7,106.85	$ 10,506.12	$ 11,192.58	$ 15,129.09	$ 16,115.05	$ 19,466.51
CC Processing Fees	$ 135.11	$ 217.53	$ 348.97	$ 556.57	$ 879.66	$ 1,371.08	$ 2,093.11	$ 3,101.95	$ 4,417.12	$ 5,985.51	$ 7,669.76	$ 9,287.95
Vendor Payouts	$ 2,658.46	$ 4,286.71	$ 6,886.92	$ 9,266.74	$ 14,667.89	$ 22,895.86	$ 35,004.64	$ 51,952.52	$ 74,088.07	$ 100,541.38	$ 129,020.28	$ 156,468.26
Total COGS	$ 3,259.16	$ 5,252.04	$ 8,432.54	$ 11,727.17	$ 18,549.16	$ 28,933.81	$ 44,204.60	$ 65,560.59	$ 89,697.76	$ 121,655.98	$ 152,805.09	$ 185,222.71
Advertising	$ 5,000.00	$ 4,366.00	$ 3,208.65	$ 2,039.93	$ 1,186.77	$ 698.63	$ 467.41	$ 369.74	$ 327.97	$ 306.94	$ 293.86	$ 284.57
Other Selling Expenses	$ 333.00	$ 333.00	$ 333.00	$ 333.00	$ 333.00	$ 333.00	$ 333.00	$ 333.00	$ 333.00	$ 333.00	$ 333.00	$ 333.00
Payroll												
Employee Salaries	$ 5,000.00	$ 5,000.00	$ 5,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 20,000.00	$ 20,000.00	$ 20,000.00	$ 20,000.00	$ 20,000.00	$ 20,000.00
Payroll Tax Employer	$ 511.00	$ 511.00	$ 511.00	$ 1,018.50	$ 1,018.50	$ 1,018.50	$ 2,033.50	$ 2,033.50	$ 2,033.50	$ 2,033.50	$ 2,033.50	$ 2,033.50
Payroll Processing Fees	$ 55.00	$ 55.00	$ 55.00	$ 61.00	$ 61.00	$ 61.00	$ 73.00	$ 73.00	$ 73.00	$ 73.00	$ 73.00	$ 73.00
Total Payroll	$ 5,566.00	$ 5,566.00	$ 5,566.00	$ 11,079.50	$ 11,079.50	$ 11,079.50	$ 22,106.50	$ 22,106.50	$ 22,106.50	$ 22,106.50	$ 22,106.50	$ 22,106.50
Administrative	$ 100.00	$ 100.00	$ 100.00	$ 100.00	$ 100.00	$ 100.00	$ 100.00	$ 100.00	$ 100.00	$ 100.00	$ 100.00	$ 100.00
Legal	$ 200.00	$ 200.00	$ 200.00	$ 200.00	$ 200.00	$ 200.00	$ 200.00	$ 200.00	$ 200.00	$ 200.00	$ 200.00	$ 200.00
Insurance	$ 500.00	$ 500.00	$ 500.00	$ 500.00	$ 500.00	$ 500.00	$ 500.00	$ 500.00	$ 500.00	$ 500.00	$ 500.00	$ 500.00
R&D												
Design Fees	$ 1,333.00	$ 1,333.00	$ 1,333.00	$ 1,333.00	$ 1,333.00	$ 1,333.00	$ 1,333.00	$ 1,333.00	$ 1,333.00	$ 1,333.00	$ 1,333.00	$ 1,333.00
Software Licensing	$ 500.00	$ 500.00	$ 500.00	$ 500.00	$ 500.00	$ 500.00	$ 500.00	$ 500.00	$ 500.00	$ 500.00	$ 500.00	$ 500.00
Cloud Compute/Hosting	$ 833.00	$ 833.00	$ 833.00	$ 833.00	$ 833.00	$ 833.00	$ 833.00	$ 833.00	$ 833.00	$ 833.00	$ 833.00	$ 833.00
Prototyping & Testing	$ 333.00	$ 333.00	$ 333.00	$ 333.00	$ 333.00	$ 333.00	$ 333.00	$ 333.00	$ 333.00	$ 333.00	$ 333.00	$ 333.00
Chat Support	$ 250.00	$ 250.00	$ 250.00	$ 250.00	$ 250.00	$ 250.00	$ 250.00	$ 250.00	$ 250.00	$ 250.00	$ 250.00	$ 250.00
Courier/Tracking Systems	$ 833.00	$ 833.00	$ 833.00	$ 833.00	$ 833.00	$ 833.00	$ 833.00	$ 833.00	$ 833.00	$ 833.00	$ 833.00	$ 833.00
Total R&D	$ 4,082.00	$ 4,082.00	$ 4,082.00	$ 4,082.00	$ 4,082.00	$ 4,082.00	$ 4,082.00	$ 4,082.00	$ 4,082.00	$ 4,082.00	$ 4,082.00	$ 4,082.00
App Maintenance	$ 1,000.00	$ 1,000.00	$ 1,000.00	$ 1,000.00	$ 1,000.00	$ 1,000.00	$ 1,000.00	$ 1,000.00	$ 1,000.00	$ 1,000.00	$ 1,000.00	$ 1,000.00
Total Expense	$ 20,040.16	$ 21,399.04	$ 23,422.18	$ 31,061.60	$ 37,030.44	$ 46,926.95	$ 72,993.51	$ 94,251.83	$ 118,347.24	$ 150,284.41	$ 181,420.46	$ 213,828.78
Net Income/(Loss)	**$ (16,781.00)**	**$ (16,147.00)**	**$ (14,989.65)**	**$ (15,867.38)**	**$ (12,993.90)**	**$ (9,428.33)**	**$ (15,695.59)**	**$ (9,260.25)**	**$ 2,789.10**	**$ 14,012.32**	**$ 29,297.21**	**$ 41,576.02**

Community Action Grant Application

10/24/2025 9:52 AM (AKDT)

City of BETHEL — ALASKA —

COVER PAGE

Applicant Information

Applicant Name:	Southwest Alaska Arts Group
Business License #s (if applicable):	2201409
Applicant Address:	PO Box 264 Bethel, Alaska 99559
Contact Person:	Laura Ellsworth
Email Address:	lbellsworth@alaska.edu
Daytime Phone:	9075434585
Cell Phone:	9079538055

Grant Request Information

Grant Amount Requested:	32900
Will you accept less funding than the amount you requested? If so, tell us what a reduction would	SWAAG is happy to accept any amount and understands there are many needs within the community. With reduced funding would come a reduction festival activities, dance groups, and the robust schedule our community has come to expect.
Will you accept less funding than the amount requested? If so explain what a reduction would look like for your planned program.	• Yes
Explanation of planned program reductions if funding level is reduced.	Decreased expenditures on honorariums, welcome/food items, decreased supplies, and loss of the proposed van. Funding for this project is crucial maintaining the activities and schedule we have hosted in the past. Costs across each category have increased each year, and without additional funding SWAAG would consider the need to scale back portions of the festival. For example, highschool rental that used to cost approximately $4,000 has increased to approximately $6,000. In order to host a festival that is consistent in content to past performances, support from the city is paramount. It is a reciprocal relationship as the festival brings an economic boost to the community, and directly meed the needs of fostering healthy community activities that strengthen culture and connections. *Please note the Quarter dates listed online do not match the dates on the new schedule.
Program/Project Title and Summary:	2026 Cama'i Funding Support

Date When Funds Are Needed:	01/01/2026
Project Beginning Date:	03/23/2026
Estimated Project Completion Date:	04/02/2026
Grant funding request for which funding period. Funds issued around the end of quarter date.	Quarter 2 Ending June 30

I affirm that if my organization, group, or self is granted funding, I (we) will be required to adhere to City guidelines related to the use of those funds, and will be required to provide timely reporting on the use of the granted funds. I affirm that grant funds will be used for the intended purposes outlined for this program.

Date:	10/24/2025

PROJECT SUMMARY

Please provide a comprehensive, clear and concise response to each of the questions below. If a question does not apply to your application, indicate by responding “Not Applicable.”

SUBSTANTIATING COMMUNITY NEED 1. Describe the overall goals, objectives, and activities to be accomplished by the proposed project. 2. Provide measurable outcomes for your project and how those outcomes will be measured.

The Camai Dance Festival has a long and rich history of celebrating Yup’ik culture through dance, song, arts and crafts, educational workshops, and gathering together as a YK region. The beloved event has been sponsored each year by the SouthWest Alaska Arts Group (SWAAG) previously, the Bethel Council on the Arts since 1989. SWAAG was proud of the quality of the show for the full 3-day Camai Dance Festival last year that was well attended by the community. Dance groups from Bethel, the region, statewide, student groups, and international groups were sent invitations to participate on stage! In addition to being a major social and cultural event, the festival is known throughout the state with folks traveling to Bethel specifically to attend, and becomes an economic boost for businesses in the community. The large-scale festival is planned to return again at the high school and is scheduled for March 27-29, 2026.

Statement of Need: The need to gather as a community is key to sustaining traditions, strengthening culture and supporting healthy families and the Bethel community. There is an ever-present need to celebrate culture, dance, and traditional arts, however the popularity of the long standing Cama’i Dance Festival in terms of: widespread attendance by yuraq teams, large numbers of volunteers, full seating for audience members, and full artist/craft vendors, shows this event is supported by the community on multiple levels. Past Cama’i Festivals have reached an attendance count of over 4,000 over the course of the weekend. It is the hope of SWAAG that the event will inspire our younger generations to learn and carry on their cultural legacies.

Activities are geared towards celebrating culture and promoting a healthy community. They include:
- A full three day stage schedule of rotating yuraq/dance groups from across the delta, some statewide participation, and an international cultural dance group.
- Artist and vendor craft tables and community interest tables
- Heart of the Drum Celebration
- Miss Camai Pageant
- Qaspeq Parade
- Community workshops
- Up Close and Personal Seminars
- Smile Alaska Style Dental Screenings
- Native Foods Dinner for elders, dancers, and the community
- Cama’i Dedications, Honors, and Living Treasures recognized

PROJECT GOALS AND OUTCOMES 1. Describe current efforts to collaborate and coordinate services with other community organizations regarding the proposed project. 2. Explain how you will develop any needed collaborative relationships that are not already in place.	Overall Goals: To bring Y-K Delta residents together in community for celebration of dance, culture, regional arts, and to continue building a performance infrastructure for future generations to pull from. This goal matches SWAAG's mission statement of "supporting, promoting and preserving the arts in the community and region. Measurable Goals: To maintain at least 15 dance groups representative of the region with invitations to statewide and international supplemental dance groups. Ensure inclusion for ANY interested community member to attend with tiered structure for admittance pricing including: general admission and discounts for elders, children, and families. Free admission to any volunteer that works at least one shift. To update online website, media, and advertising for the Cama'i Dance Festival to both local and statewide audiences. This event has the potential to continue to increase the number of statewide tourists and create an even bigger economic impact for the COB with city-wide increased commerce activity in the community. The SWAAG Camai Festival has built strong and enduring partnerships with Alaska Airlines via their Cama'i travel discount code, UAF Kuskokwim Campus (KuC), Yupiit PIciryarait Cultural Center (YPCC), Lower Kuskokwim School District (LKSD), Bethel Community Services Foundation (BCSF), KYUK public radio, Orutsaramiut Native Council, Grant Aviation, and many local businesses. Planning for the Camai 2026 Dance Festival will include working to reestablish these crucial partnerships. Over the past 30 years, the SWAAG Camai Dance Festival has relied on sponsorships, and in-kind support from local airlines, grocery stores, restaurants, taxi services, the City of Bethel, and many individuals. The longstanding commitment of these local organizations and businesses strengthen SWAAG's ability to present a wide variety of dance performances at the Cama'i Festival to the entire community. Without the contributions of all, the festival would not be able to operate at the scale the region has come to expect.
COORDINATION AND COLLABERATATION	SWAAG is unaware of any other organization in Bethel that hosts an arts and culture event of this type and scale for the community.
IMPLEMENTATION PLAN 1. If this is a new project/activity, describe specific steps to be taken to implement the activity. Identify target dates for each phase of implementation. 2. If this is an existing project/activity, describe how this funding will be used to expand the scope of the existing activity. Identify target dates for each phase of implementation.	The SWAAG Cama'i Committee starts planning each year in the fall. The committee has been meeting since early September 2025. Dates for the BRHS rental have already been secured (March 27-29, 2026). The committee uses subsequent meetings to plan each area of the event including our heavy recruitment of volunteers to help with admissions, headquarters, concessions, greeters and announcers, transportation, housing for groups, etc.The SWAAG Cama'i Committee meetings increase in frequency from Jan - March leading up to the event.
DEMONSTRATION EXPERIENCE AND FINANCIAL INFORMATION 1. Describe the applicant's (or the principal staff as it relates to the project) background, and experience in implementing the proposed activity or similar activities. 2. Provide a proposed budget breakdown with item & description, funding sources, amount, and total attachments are acceptable:	Laura Ellsworth: SWAAG Director since inception of merged entity in Jan 2021 (Kuskokwim Art Guild + Bethel Council on the Arts) will spend a minimum of 20% time working to coordinate Cama'i with key volunteer staff. Linda Curda: SWAAG Cama'i Committee Chair & Volunteer Event Coordinator. Linda has over 40 years of involvement in the arts community and has coordinated the Cama'i festival for the last 35 years. SWAAG Cama'i Committee Members: A group of approximately 10-15 volunteers that return each year to help plan and coordinate the festival. During the festival itself there are over 400 volunteers, across three days, working to ensure its success. Item & Description Funding Source Amount: See attachment

Budget Breakdown Attachment if Applicable	2026 COB CAG Cama'i Funding Request Budget.pdf
Have you received funding from Community Action Grants before?	• Yes
Provide Dates, Amounts, Project Description, and Exit Report Status of prior grant.	1) Q2 of 2024 for the 2025 Cama'i Dance Festival 2) $7,800 3) Cama'i Dance Festival Support 4) Exit Report was completed.
Awardees will be required to present a written Exit Report to the Community Action Grant Board within 30 days of completion of the project/program. 1. Identify the timeframe in which you anticipate providing an Exit Report 2. If applicant has a current Community Action Grant in progress, provide a spending plan that clearly shows how the remaining funds will be spent to complete the project/program.	SWAAG agrees to write an exit report for the CAG Board by July 30, 2026, (to ensure closure of Cama'i 2025 accounts). No current CAG grants are in progress.

Budget Items:	Description of Budget Items	Funding: Source	CAG$	SWAAG$	Total
BRHS Rental	Average 3-day rental at BRHS + 1 day set up Gym, cafeteria, classroom(s), lobby	CAG	$6,000		$6,000
Event Insurance	Insurance for the property and audience as well as volunteer workers	CAG	$1,100		$1,100
Equipment Updates	The festival has been borrowing a van for the last 30 years to assist dancers that is no longer available. SWAAG has identified a local 2000 Chevy Suburban for sale that will help fill this gap	CAG	$3,200	$1,000	$4,200
Native Foods Dinner	Grocery items purchased locally for communal dinner hosted for elders, dance groups & volunteers to gather.	CAG	$850		$850
Custodial Fees	Hourly bathroom cleanup and nightly facility clean up of BRHS facility.	CAG	$2,000	$1,000	$3,000
Lights & Sound Fees Tech	Audio/Visual contracted fees for set-up and daily sound, lights and video management team of 3-5 key people.	CAG	$4,500		$4,500
Event Supplies	Stage supplies, duct tape, wiring, new equipment prn, office and ceremonial supplies, programs, plaques, etc.	CAG	$1,000		$1,000
Advertising	½ page delta discovery schedule advertisement + full page thank you ad after the event. Management of the Cama'i 2025 online page	CAG	$4,800		$4,800
Hospitality & Welcome Supplies	Snacks / water / food or other welcome items for a 3-day hospitality room. (Welcome items for core volunteer staff).	CAG	$1,000		$1,000
Honorarium for local hosts	Local individuals, businesses, or nonprofits that host dancers for three nights.	CAG	$3,000		$3,000
Memorabilia Camai Pins	Pins created every year for dance members and key volunteers.	CAG	$1,050		$1,050
Dance Group Artist Fees Honorarium	Out of region groups often require an artist fee for their performance.	CAG	$4,000		$4,000
Artist Logo Fee	Hire local artist to create Camai artwork for merch and flyers.	CAG	$400		$400
Miss Camai Honorarium	Travel assistance for winner of Miss Cama'i for travel to Miss WIEO.	SWAAG		$1,500	$1,500

Budget Items:	Description of Budget Items	Funding: Source	CAG$	SWAAG$	Total
Camai Merchandise	T-shirts, hoodies, and other merchandise with year specific Camai artwork logo.	SWAAG		$6,500	$6,500
Regional Airline Tickets	Average cost of in region/village travel for Yuraq Groups	SWAAG		$20,000	$20,000
Out of Region Airline Tickets	Average cost of out of region travel for dance groups	SWAAG		$22,000	$22,000
Dancer Cab Fare	Supplemental cab fare for dancers to get from housing to BRHS	SWAAG		$300	$300
Anchorage Dancer Lodging	1- night for one group in Anchorage traveling from out of region to Bethel.	SWAAG		$600	$600
Dance Group Support	Other costs associated with supporting dance groups that do not fall in separate category	SWAAG		$550	$550
Group Equipment + Luggage Fees	Fees associated with large baggage for travel of dancers and or sound/light crew	SWAAG		$1,250	$1,250
Other Travel	Event specific admin/volunteer	SWAAG		$1,600	$1,600
Concession	Food Items provided for sale at Cama'i concessions	SWAAG		$10,000	$10,000
Cama'i Volunteer Coordinator	30 year Cama'i Volunteer Coordinator x 500 hours.	In-Kind		$15,000	$15,000
SWAAG ED Coordinator @ .2 FTE	Works closely with Camai Committee to coordinate festival	SWAAG		$13,250	$13,250
TOTAL			**$32,900**	$92,550	$125,450

City of Bethel Action Memorandum

Action memorandum No.	25-39		
Date action introduced:	12-16-2025	Introduced by:	City Manager Strickler
Date action taken:		Approved	Denied
Confirmed by:			

Action Title: Authorize the City Manager to negotiate and execute a contract for QFC #2 Lift Station Improvements.

Attachment(s) Request for Bid and Addendums

Account information:		**Amount of fiscal impact:**
$1,072,500	Budgeted	Grant Funded through State Revolving Loan with loan forgiveness. The State approved an increase of 10% loan forgiveness to support the increased costs of the project. The original amount was $979,000
$190,000		City of Bethel FY25 Capital Budget
$1,262,500		**Total**

Summary Statement

The City of Bethel issued a Request for Bids (RFB) on October 20, 2025, seeking a contractor to provide sales tax audit services on behalf of the City. Bid submissions were due November 14, 2025. A Notice of Intent to Award was issued on November 21, initiating a five-business-day protest period. No protests were received. The City is requesting authorization to negotiate and execute a contract with Alaska Diversified Contractors, LLC, in accordance with BMC 4.20.280(B).

The bids came in as follows:

Company	Total Bid
Alaska Diversified Contractors, LLC	$979,000
Bethel Nuvun	$1,672,198
Sturgeon Electric	$1,487,790
TechPro	$1,323,416

Summary of the Project

Over the last several years, the City has undertaken major upgrades to its water and sewer infrastructure to improve system efficiency, reduce staff workload through technology, and enhance the reliability of equipment within the plants and lift stations. This project focuses on upgrading the QFC #2 lift station located on State Highway across from the Airport. Lift stations move wastewater from lower to higher elevations when gravity flow is not possible.

In August 2022, DOWL, the City's engineering firm, inspected the QFC #2 lift station—one of the last remaining stations in need of upgrades—and identified significant improvements required due to outdated pumps and monitoring systems.

The first phase of this project involved engineering design work to confirm flowrates, determine pump sizing and models, and design a new programmable logic controller (PLC)–based control panel for the new submersible pumps. The design also incorporates a Supervisory Control and Data Acquisition (SCADA) system, enabling remote monitoring and control of the facility from the City Subdivision Water Treatment Plant.

Following the design phase, DOWL prepared the bid documents, including the detailed facility design included in the RFB.

Along with the construction contract now before Council, the project includes additional costs funded by the grant:

Phase 1 – Design: $92,643 (Completed)
Phase 2 – Bidding Assistance: $15,212 (Completed)
Phase 3 – Construction Administration: $65,791 (In Progress)
DOWL Total: $173,646

DOWL also advised the City to include an 8% contingency, approximately $80,000, to address potential construction change orders.

Total Project Cost
The total estimated cost of the project is **$1,232,646**, with **$1,262,500** budgeted.

CITY OF BETHEL
BETHEL, ALASKA

REQUEST FOR BIDS

City of Bethel QFC#2 Lift Station Improvements

Deadline for Questions/ Protests:	Tuesday, October 7, 2025, at 12:00 pm
Opening/ Due Date:	Tuesday, October 14, 2025
Opening Time:	12:00 pm
Opening Place:	City of Bethel – City Hall 300 Chief Eddie Hoffman Highway Bethel, Alaska 99559

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00 52 13 Agreement Between Owner and Contractor for Construction Contract (EJCDC C-520, 2018 edition)
00 61 13.13 Performance Bond (EJCDC C-610, 2018 edition)
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00 72 13 Standard General Conditions of the Construction Contract (EJCDC C-700, 2018 edition)
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DIVISION 01 GENERAL REQUIREMENTS

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ENGINEERING DOCUMENTS

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ADVERTISEMENT FOR BIDS

CITY OF BETHEL
BETHEL, ALASKA

QFC#2 LIFT STATION IMPROVEMENTS PROJECT

The City of Bethel (Owner) is seeking separate sealed Bids for construction of QFC#2 Lift Station Improvements (Project). Bids will be received by the Purchasing Agent at City Hall, located at 300 Chief Eddie Hoffman Highway (or PO Box 1388), Bethel, Alaska 99559, until 12:00 PM local time on Tuesday, October 14, 2025, at which time the Bids received will be publicly opened and read.

The Project includes replacing the pumps, controls, and heat add system for the QFC lift station and providing temporary bypass pumping at the FAA and QFC during the duration of construction.

Bids will be received for a single prime Contract. Bids shall be developed on a lump sum basis with a schedule of values following bidding as indicated in the Bid Form and Method of Measurement and Basis of Payment.

The Issuing Office for the Bidding Documents is:

City of Bethel
C/O Purchasing Agent
Bethel, Alaska 99559
Email: purchasingagent@cityofbethel.net

Prospective Bidders may examine the Bidding Documents at the Issuing Office on Monday through Friday between the hours of 8:00 AM and 5:00 PM and may obtain copies of the Bidding Documents from the Issuing Office.

The Issuing Office has established a Bidding Documents Website:
https://www.cityofbethel.org/rfps

Bidding Documents may be downloaded from the designated website. The designated website, and only the designated website, will be updated when necessary with addenda, lists of registered plan holders, and other information relevant to submitting a Bid for the Project.

Bidding Documents may also be examined at The Plans Room LLC (4831 Old Seward Highway, Suite 202, Anchorage, Alaska), The Association of General Contractors (8005 Schoon Street, Anchorage, Alaska), and AGC/The Plans Room (3750 Bonita Street, Fairbanks, Alaska) on Monday through Friday between the hours of 9:00 AM and 4:00 PM; and the office of the Engineer, DOWL (5015 Business Park Boulevard, Suite 4000, Anchorage, Alaska), on Monday through Friday between the hours of 8:00 AM and 5:00 PM.

Each bid must be submitted and sealed in an envelope addressed to City of Bethel C/O Purchasing Agent, Bethel, Alaska 99559 and plainly marked on the outside of the envelope as "Bid for City of Bethel, QFC#2 Lift Station Improvements" and the date and hour of the bid opening. In person bids will be accepted from 11:30 AM to 12:00 PM at the entrance to City

Hall (at 300 Chief Eddie Hoffman Highway). Bids may also be mailed to PO Box 1388, Bethel, Alaska 99559, or emailed to the Purchasing Agent.

The prevailing wage rates of the State of Alaska Department of Labor and Safety for Laborers' & Mechanics Minimum Rates of Pay (Pamphlet 600) apply to this project and are hereby incorporated by reference as if fully set forth herein.

The successful Bid shall comply with each provision thereof. Each Bid will be reviewed by the Owner and Engineer for compliance and completeness. Bidders must be in good standing with the City of Bethel. The winning bid will be selected based on the lowest, responsive, qualified bid.

The City of Bethel will not be liable for any costs incurred by any Bidder in response to this advertisement. The City of Bethel reserves the right to reject any or all bids without cause.

All questions should be submitted in writing to the Purchasing Agent at purchasingagent@cityofbethel.net

END OF ADVERTISEMENT FOR BIDS

SECTION 00 21 13
INSTRUCTIONS TO BIDDERS

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ARTICLE 1 – DEFINED TERMS

1.01 Terms used in these Instructions to Bidders have the meanings indicated in the General Conditions and Supplementary Conditions. Additional terms used in these Instructions to Bidders have the meanings indicated below:

A. *Issuing Office* – The office from which the Bidding Documents are to be issued and where the bidding procedures are to be administered.

City of Bethel
C/O Purchasing Agent
Bethel, Alaska 99559
purchasingagent@cityofbethel.net

ARTICLE 2 – BIDDING DOCUMENTS

2.01 Bidder shall obtain a complete set of Bidding Requirements and proposed Contract Documents (together, the Bidding Documents). See the Agreement for a list of the Contract Documents. It is Bidder's responsibility to determine that it is using a complete set of documents in the preparation of a Bid. Bidder assumes sole responsibility for errors or misinterpretations resulting from the use of incomplete documents, by Bidder itself or by its prospective Subcontractors and Suppliers.

2.02 Bidding Documents are made available for the sole purpose of obtaining Bids for completion of the Project and permission to download or distribution of the Bidding Documents does not confer a license or grant permission or authorization for any other use. Authorization to download documents, or other distribution, includes the right for plan holders to print documents solely for their use, and the use of their prospective Subcontractors and Suppliers, provided the plan holder pays all costs associated with printing or reproduction. Printed documents may not be re-sold under any circumstances.

2.03 Owner has established a Bidding Documents Website as indicated in the Advertisement or invitation to bid. Owner recommends that Bidder obtain a complete set of the Bidding Documents from such website. Bidders may rely that sets of Bidding Documents obtained from the Bidding Documents Website are complete, unless an omission is blatant.

2.04 Plan rooms (including construction information subscription services, and electronic and virtual plan rooms) may distribute the Bidding Documents or make them available for examination. Owner is not responsible for omissions in Bidding Documents or other documents obtained from plan rooms, or for a Bidder's failure to obtain Addenda from a plan room.

2.05 Electronic Documents

A. When the Bidding Requirements indicate that electronic (digital) copies of the Bidding Documents are available, such documents will be made available to the Bidders as Electronic Documents in the manner specified.

1. Bidding Documents will be provided in Adobe PDF (Portable Document Format) (.pdf) that is readable by Adobe Acrobat Reader Version 2017 or later. It is the intent of the Engineer and Owner that such Electronic Documents are to be exactly representative of the paper copies of the documents. However, because the Owner

and Engineer cannot totally control the transmission and receipt of Electronic Documents nor the Contractor's means of reproduction of such documents, the Owner and Engineer cannot and do not guarantee that Electronic Documents and reproductions prepared from those versions are identical in every manner to the paper copies.

B. Unless otherwise stated in the Bidding Documents, the Bidder may use and rely upon complete sets of Electronic Documents of the Bidding Documents, described in Paragraph 2.06.A above. However, Bidder assumes all risks associated with differences arising from transmission/receipt of Electronic Documents versions of Bidding Documents and reproductions prepared from those versions and, further, assumes all risks, costs, and responsibility associated with use of the Electronic Documents versions to derive information that is not explicitly contained in printed paper versions of the documents, and for Bidder's reliance upon such derived information.

ARTICLE 3 – QUALIFICATIONS OF BIDDERS

3.01 To demonstrate Bidder's qualifications to perform the Work, Bidder shall submit with its Bid (a) written evidence establishing its qualifications such as financial data, previous experience, and present commitments, and (b) the following additional information:

A. Evidence of Bidder's authority to do business in the state or jurisdiction of where the Project is located,

B. Alaska Contractor's License No.,

C. List of proposed Subcontractor(s),

D. List of proposed Supplier(s),

E. Required Bid security in the form of a Bid Bond (EJCDC No. C-430, 2018),

F. List of similar projects over the past five years in the Yukon-Kuskokwim Delta Region including location, size, owner contact name, and telephone.

3.02 Bidders must be in good standing with the Owner. Good standing includes but is not limited to:

A. No outstanding debts, fees, payments, or taxes owed to the Owner.

B. No outstanding claims between the Owner and Bidder, and

C. No previous history of default of duty, contract, or obligation to the Owner.

3.03 A Bidder's failure to submit required qualification information within the times indicated may disqualify Bidder from receiving an award of the Contract.

3.04 No requirement in this Article 3 to submit information will prejudice the right of Owner to seek additional pertinent information regarding Bidder's qualifications.

3.05 Bidder is advised to carefully review those portions of the Bid Form requiring Bidder's representations and certifications.

ARTICLE 4 – PRE-BID CONFERENCE

4.01 No Pre-Bid Conference will be held. Bidders may visit the site by coordinating the the City Public Works Director.

ARTICLE 5 – SITE AND OTHER AREAS; EXISTING SITE CONDITIONS; EXAMINATION OF SITE; OWNER'S SAFETY PROGRAM; OTHER WORK AT THE SITE

5.01 *Site and Other Areas*

A. The Site is identified in the Bidding Documents. By definition, the Site includes rights-of-way, easements, and other lands furnished by Owner for the use of the Contractor. Any additional lands required for temporary construction facilities, construction equipment, or storage of materials and equipment, and any access needed for such additional lands, are to be obtained and paid for by the Contractor.

5.02 *Existing Site Conditions*

A. Subsurface, Physical, and Hazardous Environmental Conditions

1. The Supplementary Conditions identify:

a. No other Site-related documents are available.

2. Bidder is responsible for any interpretation or conclusion Bidder draws from any Technical Data or any other data, interpretations, opinions, or information contained in such reports or shown or indicated in such drawings.

3. If the Supplementary Conditions do not identify Technical Data, the default definition of Technical Data set forth in Article 1 of the General Conditions will apply.

B. Adequacy of Data: Provisions concerning responsibilities for the adequacy of data furnished to prospective Bidders with respect to subsurface conditions, other physical conditions, and Underground Facilities, and possible changes in the Bidding Documents due to differing or unanticipated subsurface or physical conditions appear in Paragraphs 5.03, 5.04, and 5.05 of the General Conditions. Provisions concerning responsibilities for the adequacy of data furnished to prospective Bidders with respect to a Hazardous Environmental Condition at the Site, if any, and possible changes in the Contract Documents due to any Hazardous Environmental Condition uncovered or revealed at the Site which was not shown or indicated in the Drawings or Specifications or identified in the Contract Documents to be within the scope of the Work, appear in Paragraph 5.06 of the General Conditions.

5.03 *Site Visit and Testing by Bidders*

A. Bidder may conduct a voluntary Site visit during normal working hours and shall not disturb any ongoing operations at the Site.

B. Bidder is not required to conduct any subsurface testing, or exhaustive investigations of Site conditions.

C. On request, and to the extent Owner has control over the Site, and schedule permitting, the Owner will provide Bidder access to the Site to conduct such additional

examinations, investigations, explorations, tests, and studies as Bidder deems necessary for preparing and submitting a successful Bid. Owner will not have any obligation to grant such access if doing so is not practical because of existing operations, security or safety concerns, or restraints on Owner's authority regarding the Site.

D. Bidder shall comply with all applicable Laws and Regulations regarding excavation and location of utilities, obtain all permits, and comply with all terms and conditions established by Owner or by property owners or other entities controlling the Site with respect to schedule, access, existing operations, security, liability insurance, and applicable safety programs.

E. Bidder shall fill all holes and clean up and restore the Site to its former condition upon completion of such explorations, investigations, tests, and studies.

5.04 *Owner's Safety Program*

A. Site visits and work at the Site may be governed by an Owner safety program. As the General Conditions indicate, if an Owner safety program exists, it will be noted in the Supplementary Conditions.

5.05 *Other Work at the Site*

A. Reference is made to Article 8 of the Supplementary Conditions for the identification of the general nature of other work of which Owner is aware (if any) that is to be performed at the Site by Owner or others (such as utilities and other prime contractors) and relates to the Work contemplated by these Bidding Documents. If Owner is party to a written contract for such other work, then on request, Owner will provide to each Bidder access to examine such contracts (other than portions thereof related to price and other confidential matters), if any.

ARTICLE 6 – BIDDER'S REPRESENTATIONS

6.01 It is the responsibility of each Bidder before submitting a Bid to:

A. Examine and carefully study the Bidding Documents, and any data and reference items identified in the Bidding Documents;

B. Visit the Site, conduct a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and satisfy itself as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work;

C. Become familiar with and satisfy itself as to all Laws and Regulations that may affect cost, progress, and performance of the Work;

D. Carefully study all: (1) reports of explorations and tests of subsurface conditions at or adjacent to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings, and (2) reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings;

E. Consider the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and the Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder; and (3) Bidder's safety precautions and programs;

F. Agree, based on the information and observations referred to in the preceding paragraph, that at the time of submitting its Bid no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of its Bid for performance of the Work at the price bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents;

G. Become aware of the general nature of the work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents;

H. Promptly give Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder discovers in the Bidding Documents and confirm that the written resolution thereof by Engineer is acceptable to Bidder;

I. Determine that the Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance and furnishing of the Work; and

J. Agree that the submission of a Bid will constitute an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article, that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

ARTICLE 7 – INTERPRETATIONS AND ADDENDA

7.01 Owner on its own initiative may issue Addenda to clarify, correct, supplement, or change the Bidding Documents.

7.02 Bidder shall submit all questions about the meaning or intent of the Bidding Documents to the Purchasing Agent in writing. Contact information and submittal procedures for such questions are as follows:

City of Bethel
C/O Purchasing Agent
Email: purchasingagent@cityofbethel.net

7.03 Interpretations or clarifications considered necessary by Engineer in response to such questions will be issued by Addenda delivered to all registered plan holders. Questions received less than seven days prior to the date for opening of Bids may not be answered.

7.04 Only responses set forth in an Addendum will be binding. Oral and other interpretations or clarifications will be without legal effect. Responses to questions are not part of the Contract Documents unless set forth in an Addendum that expressly modifies or supplements the Contract Documents.

ARTICLE 8 – BID SECURITY

8.01 A Bid must be accompanied by Bid security made payable to Owner in an amount of five percent (5%) of Bidder's maximum Bid price (determined by adding the base bid and all alternates) and in the form of a certified check, bank money order, or a Bid bond (on the form included in the Bidding Documents) issued by a surety meeting the requirements of Paragraphs 6.01 and 6.02 of the General Conditions.

8.02 The Bid security of the apparent Successful Bidder will be retained until Owner awards the contract to such Bidder, and such Bidder has executed the Contract Documents, furnished the required contract security, and met the other conditions of the Notice of Award, whereupon the Bid security will be released. If the Successful Bidder fails to execute and deliver the Contract Documents and furnish the required contract security within 15 days after the Notice of Award, Owner may consider Bidder to be in default, annul the Notice of Award, and the Bid security of that Bidder will be forfeited. Such forfeiture shall be Owner's exclusive remedy if Bidder defaults.

8.03 The Bid security of other Bidders that Owner believes to have a reasonable chance of receiving the award may be retained by Owner until the earlier of seven days after the Effective Date of the Contract or 61 days after the Bid opening, whereupon Bid security furnished by such Bidders will be released.

8.04 Bid security of other Bidders that Owner believes do not have a reasonable chance of receiving the award will be released within seven days after the Bid opening.

ARTICLE 9 – CONTRACT TIMES

9.01 The number of days within which, or the dates by which, the Work is to be substantially completed and ready for final payment are set forth in the Agreement.

ARTICLE 10 – LIQUIDATED DAMAGES

10.01 Provisions for liquidated damages, if any, for failure to timely attain Substantial Completion or completion of the Work in readiness for final payment, are set forth in the Agreement.

ARTICLE 11 – SUBSTITUTE AND "OR-EQUAL" ITEMS

11.01 The Contract for the Work, if awarded, will be on the basis of materials and equipment specified or described in the Bidding Documents, and those "or-equal" or substitute materials and equipment subsequently approved by Engineer prior to the submittal of Bids and identified by Addendum. No item of material or equipment will be considered by Engineer as an "or-equal" or substitute unless written request for approval has been submitted by Bidder and has been received by Engineer at least 15 days prior to the date for receipt of Bids in case of a proposed substitute and 5 days prior in the case of a proposed "or equal". Each such request shall comply with the requirements of Paragraphs 7.04 and 7.05 of the General Conditions. The burden of proof of the merit of the proposed item is upon Bidder. Engineer's decision of approval or disapproval of a proposed item will be final. If Engineer approves any such proposed item, such approval will be set forth in an Addendum issued to all prospective Bidders. Bidders shall not rely upon approvals made in any other manner. Substitutes and "or-equal" materials and equipment may be proposed

by Contractor in accordance with Paragraph 7.04 and 7.05 of the General Conditions after the Effective Date of the Contract.

11.02 All prices that Bidder sets forth in its Bid shall be based on the presumption that the Contractor will furnish the materials and equipment specified or described in the Bidding Documents, as supplemented by Addenda. Any assumptions regarding the possibility of post-Bid approvals of "or-equal" or substitution requests are made at Bidder's sole risk.

ARTICLE 12 – SUBCONTRACTORS, SUPPLIERS, AND OTHERS

12.01 The apparent Successful Bidder, and any other Bidder so requested, shall within five days after Bid opening, submit to Owner a list of the Subcontractors or Suppliers proposed for the Work.

If requested by Owner, such list shall be accompanied by an experience statement with pertinent information regarding similar projects and other evidence of qualification for each such Subcontractor, Supplier, or other individual or entity. If Owner or Engineer, after due investigation, has reasonable objection to any proposed Subcontractor, Supplier, individual, or entity, Owner may, before the Notice of Award is given, request apparent Successful Bidder to submit an acceptable substitute, in which case apparent Successful Bidder shall submit a substitute, Bidder's Bid price will be increased (or decreased) by the difference in cost occasioned by such substitution, and Owner may consider such price adjustment in evaluating Bids and making the Contract award.

12.02 If apparent Successful Bidder declines to make any such substitution, Owner may award the Contract to the next lowest Bidder that proposes to use acceptable Subcontractors, Suppliers, or other individuals or entities. Declining to make requested substitutions will constitute grounds for forfeiture of the Bid security of any Bidder. Any Subcontractor, Supplier, individual, or entity so listed and against which Owner or Engineer makes no written objection prior to the giving of the Notice of Award will be deemed acceptable to Owner and Engineer subject to subsequent revocation of such acceptance as provided in Paragraph 7.06 of the General Conditions.

12.03 Contractor shall not be required to employ any Subcontractor, Supplier, individual, or entity against whom Contractor has reasonable objection.

12.04 The Contractor shall not award work to Subcontractor(s) in excess of the limits stated in SC 7.06.

ARTICLE 13 – PREPARATION OF BID

13.01 The Bid Form is included with the Bidding Documents.

A. All blanks on the Bid Form shall be completed in ink and the Bid Form signed in ink. Erasures or alterations shall be initialed in ink by the person signing the Bid Form. A Bid price shall be indicated for each section, Bid item, alternate, adjustment unit price item, and unit price item listed therein.

B. If the Bid Form expressly indicates that submitting pricing on a specific alternate item is optional, and Bidder elects to not furnish pricing for such optional alternate item, then Bidder may enter the words "No Bid" or "Not Applicable."

13.02 A Bid by a corporation shall be executed in the corporate name by a corporate officer (whose title must appear under the signature), accompanied by evidence of authority to sign. The corporate address and state of incorporation shall be shown.

13.03 A Bid by a partnership shall be executed in the partnership name and signed by a partner (whose title must appear under the signature), accompanied by evidence of authority to sign. The official address of the partnership shall be provided on the Bid Form.

13.04 A Bid by a limited liability company shall be executed in the name of the firm by a member or other authorized person and accompanied by evidence of authority to sign. The state of formation of the firm and the official address of the firm shall be shown.

13.05 A Bid by an individual shall show the Bidder's name and official address.

13.06 A Bid by a joint venture shall be executed by an authorized representative of each joint venturer in the manner indicated on the Bid Form. The official address of the joint venture shall be shown.

13.07 All names shall be printed in ink below the signatures.

13.08 The Bid shall contain an acknowledgment of receipt of all Addenda, the numbers of which shall be filled in on the Bid Form.

13.09 Postal and e-mail addresses and telephone number for communications regarding the Bid shall be shown.

13.10 The Bid shall contain evidence of Bidder's authority and qualification to do business in the state where the Project is located, or Bidder shall covenant in writing to obtain such authority and qualification prior to award of the Contract and attach such covenant to the Bid. Bidder's state contractor license number, if any, shall also be shown on the Bid Form.

ARTICLE 14 – BASIS OF BID

14.01 *Lump Sum*

A. Bidders shall submit a Bid on a lump sum basis for each item of Work listed in the bid price section of the Bid Form.

B. The "Bid Price" (sometimes referred to as the extended price) for each lump sum Bid item will be the "Bid Lump Sum Price" offered by the Bidder. The total of all lump sum Bid items will be the sum of these "Bid Prices"; such total will be used by Owner for Bid comparison purposes. The final quantities and Contract Price will be determined in accordance with Paragraph 13.03 of the General Conditions.

C. Discrepancies between the multiplication of units of Work and lump sum prices will be resolved in favor of the lump sum prices. Discrepancies between the indicated sum of any column of figures and the correct sum thereof will be resolved in favor of the correct sum.

ARTICLE 15 – SUBMITTAL OF BID

15.01 With each copy of the Bidding Documents, a Bidder is furnished one separate unbound copy of the Bid Form, and, if required, the Bid Bond Form. The unbound copy of the Bid

Form is to be completed and submitted with the Bid security and the other documents required to be submitted under the terms of Article 7 of the Bid Form.

15.02 A Bid shall be received no later than the date and time prescribed and at the place indicated in the Advertisement for Bid and shall be enclosed in a plainly marked package with the Project title (and, if applicable, the designated portion of the Project for which the Bid is submitted), the name and address of Bidder, and shall be accompanied by the Bid security and other required documents. If a Bid is sent by mail or other delivery system, the sealed envelope containing the Bid shall be enclosed in a separate package plainly marked on the outside with the notation "BID ENCLOSED." When using the mail or other delivery system, the Bidder is totally responsible for the mail or other delivery system delivering the Bid at the place and prior to the time indicated in the Advertisement for Bid. A mailed Bid shall be addressed to City of Bethel C/O: Purchasing Agent, PO BOX 1388, Bethel, Alaska 99559.

15.03 Bids received after the date and time prescribed for the opening of bids, or not submitted at the correct location or in the designated manner, will not be accepted.

ARTICLE 16 – MODIFICATION AND WITHDRAWAL OF BID

16.01 A Bid may be withdrawn by an appropriate document duly executed in the same manner that a Bid must be executed and delivered to the place where Bids are to be submitted prior to the date and time for the opening of Bids. Upon receipt of such notice, the unopened Bid will be returned to the Bidder.

16.02 If a Bidder wishes to modify its Bid prior to Bid opening, Bidder must withdraw its initial Bid in the manner specified in Paragraph 16.01 and submit a new Bid prior to the date and time for the opening of Bids.

16.03 If within 24 hours after Bids are opened any Bidder files a duly signed written notice with Owner and promptly thereafter demonstrates to the reasonable satisfaction of Owner that there was a material and substantial mistake in the preparation of its Bid, that Bidder may withdraw its Bid, and the Bid security will be returned.

ARTICLE 17 – OPENING OF BIDS

17.01 Bids will be opened at the time and place indicated in the advertisement or invitation to bid and, unless obviously non-responsive, read aloud publicly. An abstract of the amounts of the base Bids and major alternates, if any, will be made available to Bidders after the opening of Bids.

ARTICLE 18 – BIDS TO REMAIN SUBJECT TO ACCEPTANCE

18.01 All Bids will remain subject to acceptance for the period of time stated in the Bid Form, but Owner may, in its sole discretion, release any Bid and return the Bid security prior to the end of this period.

ARTICLE 19 – EVALUATION OF BIDS AND AWARD OF CONTRACT

19.01 Owner reserves the right to reject any or all Bids, including without limitation, nonconforming, nonresponsive, unbalanced, or conditional Bids. Owner will reject the Bid of any Bidder that Owner finds, after reasonable inquiry and evaluation, to not be

responsible. If Bidder purports to add terms or conditions to its Bid, takes exception to any provision of the Bidding Documents, or attempts to alter the contents of the Contract Documents for purposes of the Bid, then the Owner will reject the Bid as nonresponsive; provided that Owner also reserves the right to waive all minor informalities not involving price, time, or changes in the Work.

19.02 If Owner awards the contract for the Work, such award shall be to the responsible Bidder submitting the lowest responsive Bid.

19.03 More than one Bid for the same Work from an individual or entity under the same or different names will not be considered. Reasonable grounds for believing that any Bidder has an interest in more than one Bid for the Work may be cause for disqualification of that Bidder and the rejection of all Bids in which that Bidder has an interest.

19.04 Evaluation of Bids

A. In evaluating Bids, Owner will consider whether or not the Bids comply with the prescribed requirements, and such alternates, unit prices, and other data, as may be requested in the Bid Form or prior to the Notice of Award.

B. For the determination of the apparent low Bidder when unit price bids are submitted, Bids will be compared on the basis of the total of the products of the estimated quantity of each item and unit price Bid for that item, together with any lump sum items.

19.05 In evaluating whether a Bidder is responsible, Owner will consider the qualifications of the Bidder and may consider the qualifications and experience of Subcontractors and Suppliers proposed for those portions of the Work for which the identity of Subcontractors and Suppliers must be submitted as provided in the Bidding Documents.

19.06 Owner may conduct such investigations as Owner deems necessary to establish the responsibility, qualifications, and financial ability of Bidders and any proposed Subcontractors, Suppliers, individuals, or entities to perform the Work in accordance with the Contract Documents.

ARTICLE 20 – BONDS AND INSURANCE

20.01 Article 6 of the General Conditions, as may be modified by the Supplementary Conditions, sets forth Owner's requirements as to performance and payment bonds and insurance. When the Successful Bidder delivers the Agreement (executed by Successful Bidder) to Owner, it shall be accompanied by required bonds and insurance documentation.

ARTICLE 21 – SIGNING OF AGREEMENT

21.01 When Owner issues a Notice of Award to the Successful Bidder, it shall be accompanied by the unexecuted counterparts of the Agreement along with the other Contract Documents as identified in the Agreement. Within 15 days thereafter, Successful Bidder shall execute and deliver the required number of counterparts of the Agreement (and any bonds and insurance documentation required to be delivered by the Contract Documents) to Owner. Within ten days thereafter, Owner shall deliver one fully executed counterpart of the Agreement to Successful Bidder, together with printed and electronic copies of the Contract Documents as stated in Paragraph 2.02 of the General Conditions.

ARTICLE 22 – CANCELLATION OF BID PROCESS

22.01 The City retains the right to cancel the bid process at any point.

ARTICLE 23 – WAGE RATE REQUIREMENTS

23.01 The prevailing wage rates of the State of Alaska apply to this contract as do any requirements of the State of Alaska associated with the use of these State prevailing wages.

ARTICLE 24 – BID PROTESTS

24.01 A Bidder may protest a bid result in writing to the Owner within (7) seven calendar days of the Bid opening. Any protests received after seven days will not be accepted. Oral protest will not be accepted.

24.02 In order for a protest to be granted, a Bidder must prove by preponderance of the evidence that their Bid was the lowest responsive, responsible Bid.

END OF INSTRUCTION TO BIDDERS

SECTION 00 41 13

BID FORM

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BID FORM FOR CONSTRUCTION CONTRACT

The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 1—OWNER AND BIDDER

1.01 This Bid is submitted to:

City of Bethel
C/O Purchasing Agent
300 Chief Eddie Hoffman Highway (or PO Box 1388)
Bethel, Alaska 99559
Email: purchasingagent@cityofbethel.net

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2—ATTACHMENTS TO THIS BID

2.01 The following documents are submitted with and made a condition of this Bid:

A. Required Bid Security;

B. List of Proposed Subcontractors;

C. List of Proposed Suppliers;

D. Evidence of authority to do business in the state of the Project; or a written covenant to obtain such authority within the time for acceptance of Bids;

E. Contractor's license number as evidence of Bidder's State Contractor's License or a covenant by Bidder to obtain said license within the time for acceptance of Bids;

F. Required Bidder Qualification Statement with supporting data;

G. Signed and dated verification of anti-collusion.

ARTICLE 3—BASIS OF BID—LUMP SUM BID AND UNIT PRICES

3.01 *Lump Sum Bids*

A. Bidder will perform the following Work at the indicated Lump Sum prices:

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BASE BID SCHEDULE

Item No.	Description	Unit	Bid Unit Price	Bid Amount
101	Mobilization and Demobilization	Lump Sum		$
102	Lift Station Bypass at QFC#2 and FAA Lift Stations	Lump Sum		$
103	QFC#2 Lift Stations Improvements	Lump Sum		$
104	Startup and Commissioning	Lump Sum		$
105	Project Documentation, Record Drawings, and Close-out	Lump Sum		$
			TOTAL	$

B. Bidder acknowledges that:

1. Each Bid Price includes an amount considered by Bidder to be adequate to cover Contractor's overhead and profit for each separately identified item, and
2. Bidder will comply with State of Alaska Wage Rates.
3. If Bidder wishes to submit manufacturer's data for a product for preliminary approval, the bidder must submit the manufacturer's data no later than when questions are due. Preliminary approvals will be granted on a case-by-case basis and are not guaranteed. Preliminary approvals are not to take the place of the submittal review and approval process with the successful bidder.

ARTICLE 4—TIME OF COMPLETION

4.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.

4.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 5—BIDDER'S ACKNOWLEDGEMENTS: ACCEPTANCE PERIOD, INSTRUCTIONS, AND RECEIPT OF ADDENDA

5.01 *Bid Acceptance Period*

A. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

5.02 *Instructions to Bidders*

A. Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security.

5.03 *Receipt of Addenda*

A. Bidder hereby acknowledges receipt of the following Addenda:

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Addendum Number	Addendum Date

ARTICLE 6—BIDDER'S REPRESENTATIONS AND CERTIFICATIONS

6.01 *Bidder's Representations*

A. In submitting this Bid, Bidder represents the following:

1. Bidder has examined and carefully studied the Bidding Documents, including Addenda.
2. Bidder has visited the Site, conducted a thorough visual examination of the Site and adjacent areas, and become familiar with the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
3. Bidder is familiar with all Laws and Regulations that may affect cost, progress, and performance of the Work.
4. Bidder has carefully studied the reports of explorations and tests of subsurface conditions at or adjacent to the Site and the drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, with respect to the Technical Data in such reports and drawings.
5. Bidder has carefully studied the reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, with respect to Technical Data in such reports and drawings.
6. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and the Technical Data identified in the Supplementary Conditions or by definition, with respect to the effect of such information, observations, and Technical Data on (a) the cost, progress, and performance of the Work; (b) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, if selected as Contractor; and (c) Bidder's (Contractor's) safety precautions and programs.
7. Based on the information and observations referred to in the preceding paragraph, Bidder agrees that no further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract.
8. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
9. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and of discrepancies between Site conditions and the Contract Documents, and the written resolution thereof by Engineer is acceptable to Contractor.
10. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.

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11. The submission of this Bid constitutes an incontrovertible representation by Bidder that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

6.02 *Bidder's Certifications*

A. The Bidder certifies the following:

1. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation.

2. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid.

3. Bidder has not solicited or induced any individual or entity to refrain from bidding.

4. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 8.02.A:

a. Corrupt practice means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process.

b. Fraudulent practice means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition.

c. Collusive practice means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels.

d. Coercive practice means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

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BIDDER hereby submits this Bid as set forth above:

Bidder:

_____

(typed or printed name of organization)

By: _____

(individual's signature)

Name: _____

(typed or printed)

Title: _____

(typed or printed)

Date: _____

(typed or printed)

If Bidder is a corporation, a partnership, or a joint venture, attach evidence of authority to sign.

Attest: _____

(individual's signature)

Name: _____

(typed or printed)

Title: _____

(typed or printed)

Date: _____

(typed or printed)

Address for giving notices:

_____

_____

Bidder's Contact:

Name: _____

(typed or printed)

Title: _____

(typed or printed)

Phone: _____

Email: _____

Address:

_____

_____

_____

Bidder's Contractor License No.: _____

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SECTION 00 43 12 BID BOND (PENAL SUM FORM)

Bidder Name: Address *(principal place of business)*:	**Surety** Name: Address *(principal place of business)*:
Owner Name: **City of Bethel** Address *(principal place of business)*: **P.O. Box 1388** **Bethel, Alaska 99559**	**Bid** Project *(name and location)*: **City of Bethel QFC#2 Lift Station Improvements** Bid Due Date: **October 14, 2025**
Bond Penal Sum: Date of Bond:	
Surety and Bidder, intending to be legally bound hereby, subject to the terms set forth in this Bid Bond, do each cause this Bid Bond to be duly executed by an authorized officer, agent, or representative.	
Bidder *(Full formal name of Bidder)* By: _____ *(Signature)* Name: _____ *(Printed or typed)* Title: _____ Attest: _____ *(Signature)* Name: _____ *(Printed or typed)* Title:	Surety *(Full formal name of Surety) (corporate seal)* By: _____ *(Signature) (Attach Power of Attorney)* Name: _____ *(Printed or typed)* Title: _____ Attest: _____ *(Signature)* Name: _____ *(Printed or typed)* Title:
Notes: (1) Note: Addresses are to be used for giving any required notice. (2) Provide execution by any additional parties, such as joint venturers, if necessary.	

EJCDC® C-430, Bid Bond (Penal Sum Form).
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1. Bidder and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors, and assigns to pay to Owner upon default of Bidder the penal sum set forth on the face of this Bond. Payment of the penal sum is the extent of Bidder's and Surety's liability. Recovery of such penal sum under the terms of this Bond will be Owner's sole and exclusive remedy upon default of Bidder.
2. Default of Bidder occurs upon the failure of Bidder to deliver within the time required by the Bidding Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents.
3. This obligation will be null and void if:
    3.1. Owner accepts Bidder's Bid and Bidder delivers within the time required by the Bidding Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents, or
    3.2. All Bids are rejected by Owner, or
    3.3. Owner fails to issue a Notice of Award to Bidder within the time specified in the Bidding Documents (or any extension thereof agreed to in writing by Bidder and, if applicable, consented to by Surety when required by Paragraph 5 hereof).
4. Payment under this Bond will be due and payable upon default of Bidder and within 30 calendar days after receipt by Bidder and Surety of written notice of default from Owner, which notice will be given with reasonable promptness, identifying this Bond and the Project and including a statement of the amount due.
5. Surety waives notice of any and all defenses based on or arising out of any time extension to issue Notice of Award agreed to in writing by Owner and Bidder, provided that the total time for issuing Notice of Award including extensions does not in the aggregate exceed 120 days from the Bid due date without Surety's written consent.
6. No suit or action will be commenced under this Bond prior to 30 calendar days after the notice of default required in Paragraph 4 above is received by Bidder and Surety, and in no case later than one year after the Bid due date.
7. Any suit or action under this Bond will be commenced only in a court of competent jurisdiction located in the state in which the Project is located.
8. Notices required hereunder must be in writing and sent to Bidder and Surety at their respective addresses shown on the face of this Bond. Such notices may be sent by personal delivery, commercial courier, or by United States Postal Service registered or certified mail, return receipt requested, postage pre-paid, and will be deemed to be effective upon receipt by the party concerned.
9. Surety shall cause to be attached to this Bond a current and effective Power of Attorney evidencing the authority of the officer, agent, or representative who executed this Bond on behalf of Surety to execute, seal, and deliver such Bond and bind the Surety thereby.
10. This Bond is intended to conform to all applicable statutory requirements. Any applicable requirement of any applicable statute that has been omitted from this Bond will be deemed to be included herein as if set forth at length. If any provision of this Bond conflicts with any applicable statute, then the provision of said statute governs and the remainder of this Bond that is not in conflict therewith continues in full force and effect.
11. The term "Bid" as used herein includes a Bid, offer, or proposal as applicable.

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SECTION 00 52 13

AGREEMENT BETWEEN OWNER AND CONTRACTOR
FOR CONSTRUCTION CONTRACT (STIPULATED PRICE)

This Agreement is by and between **City of Bethel, P.O. Box 1388 Bethel, AK 99559** ("Owner") and _____ ("Contractor").

Terms used in this Agreement have the meanings stated in the General Conditions and the Supplementary Conditions.

Owner and Contractor hereby agree as follows:

ARTICLE 1—WORK

1.01 Contractor shall complete all Work as specified or indicated in the Contract Documents. The Work is generally described as follows: All materials, equipment, labor and related services to construct the QFC #2 Lift Station Improvement project as described under Article 2 and in the Contract Documents.

ARTICLE 2—THE PROJECT

2.01 The Project, of which the Work under the Contract Documents is a part, is generally described as follows: The project scope consists of replacing the pumps, controls, and heat add system for the QFC lift station and providing temporary bypass pumping at the FAA and QFC #2 during the duration of construction.

ARTICLE 3—ENGINEER

3.01 The Owner retained **DOWL** ("Engineer") to act as Owner's representative, assume all duties and responsibilities of Engineer, and have the rights and authority assigned to Engineer in the Contract.

3.02 The part of the Project that pertains to the Work has been designed by **the Engineer**.

ARTICLE 4—CONTRACT TIMES

4.01 *Time is of the Essence*

A. All time limits for Milestones, if any, Substantial Completion, and completion and readiness for final payment as stated in the Contract Documents are of the essence of the Contract.

4.02 *Contract Times: Dates*

A. The Work will be substantially complete on or before **July 31, 2026,** and completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before **August 15, 2026.** The substantial and final completion dates may change based on the awarding of any or all of the additive alternates.

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4.04 *Liquidated Damages*

A. Contractor and Owner recognize that time is of the essence as stated in Paragraph 4.01 above and that Owner will suffer financial and other losses if the Work is not completed and Milestones not achieved within the Contract Times, as duly modified. The parties also recognize the delays, expense, and difficulties involved in proving, in a legal or arbitration proceeding, the actual loss suffered by Owner if the Work is not completed on time. Accordingly, instead of requiring any such proof, Owner and Contractor agree that as liquidated damages for delay (but not as a penalty):

1. *Substantial Completion:* Contractor shall pay Owner $**500.00** for each day that expires after the time (as duly adjusted pursuant to the Contract) specified above for Substantial Completion, until the Work is substantially complete.

2. *Completion of Remaining Work:* After Substantial Completion, if Contractor shall neglect, refuse, or fail to complete the remaining Work within the Contract Times (as duly adjusted pursuant to the Contract) for completion and readiness for final payment, Contractor shall pay Owner $**500.00** for each day that expires after such time until the Work is completed and ready for final payment.

3. Liquidated damages for failing to timely attain Milestones, Substantial Completion, and final completion are not additive, and will not be imposed concurrently.

B. If Owner recovers liquidated damages for a delay in completion by Contractor, then such liquidated damages are Owner's sole and exclusive remedy for such delay, and Owner is precluded from recovering any other damages, whether actual, direct, excess, or consequential, for such delay, except for special damages (if any) specified in this Agreement.

ARTICLE 5—CONTRACT PRICE

5.01 Owner shall pay Contractor for completion of the Work in accordance with the Contract Documents, the amounts that follow, subject to adjustment under the Contract:

A. For all Work, at the prices stated in Contractor's Bid, attached hereto as an exhibit.

ARTICLE 6—PAYMENT PROCEDURES

6.01 *Submittal and Processing of Payments*

A. Contractor shall submit Applications for Payment in accordance with Article 15 of the General Conditions. Applications for Payment will be processed by Engineer as provided in the General Conditions.

6.02 *Progress Payments; Retainage*

A. Owner shall make progress payments on the basis of Contractor's Applications for Payment on or about the 1st (first) day of each month during performance of the Work as provided in Paragraph 6.02.A.1 below, provided that such Applications for Payment have been submitted in a timely manner and otherwise meet the requirements of the Contract. All such payments will be measured by the Schedule of Values established as provided in the General Conditions (and in the case of Unit Price Work based on the number of units completed) or, in the event there is no Schedule of Values, as provided elsewhere in the Contract.

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1. Prior to Substantial Completion, progress payments will be made in an amount equal to the percentage indicated below but, in each case, less the aggregate of payments previously made and less such amounts as Owner may withhold, including but not limited to liquidated damages, in accordance with the Contract.

    a. 95 percent of the value of the Work completed (with the balance being retainage).

    b. 95 percent of cost of materials and equipment not incorporated in the Work (with the balance being retainage).

B. Upon Substantial Completion of the entire construction to be provided under the construction Contract Documents, Owner shall pay an amount sufficient to increase total payments to Contractor to 100 percent of the Work completed, less such amounts set off by Owner pursuant to Paragraph 15.01.E of the General Conditions, and less **200** percent of Engineer's estimate of the value of Work to be completed or corrected as shown on the punch list of items to be completed or corrected prior to final payment.

6.03 *Final Payment*

A. Upon final completion and acceptance of the Work, Owner shall pay the remainder of the Contract Price in accordance with Paragraph 15.06 of the General Conditions.

6.04 *Consent of Surety*

A. Owner will not make final payment, or return or release retainage at Substantial Completion or any other time, unless Contractor submits written consent of the surety to such payment, return, or release.

6.05 *Interest*

A. All amounts not paid when due will bear interest at the rate of **8** percent per annum.

ARTICLE 7—CONTRACT DOCUMENTS

7.01 *Contents*

A. The Contract Documents consist of all of the following:

1. This Agreement.
2. Bonds:
    a. Performance bond (together with power of attorney).
    b. Payment bond (together with power of attorney).
3. General Conditions.
4. Supplementary Conditions.
5. Drawings (not attached but incorporated by reference) consisting of **34** sheets with each sheet bearing the following general title: **QFC #2 Lift Station Repairs**
6. Addenda (numbers _____ to _____, inclusive).
7. Exhibits to this Agreement (enumerated as follows):
    a. Contractor's Bid (pages __ _ to __ _, inclusive).
    b. Permits obtained:

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1) None

c. Project Contract Forms

8. The following which may be delivered or issued on or after the Effective Date of the Contract and are not attached hereto:

a. Notice to Proceed.

b. Work Change Directives.

c. Change Orders.

d. Field Orders.

e. Warranty Bond, if any.

B. The Contract Documents listed in Paragraph 7.01.A are attached to this Agreement (except as expressly noted otherwise above).

C. There are no Contract Documents other than those listed above in this Article 7.

D. The Contract Documents may only be amended, modified, or supplemented as provided in the Contract.

ARTICLE 8—REPRESENTATIONS, CERTIFICATIONS, AND STIPULATIONS

8.01 *Contractor's Representations*

A. In order to induce Owner to enter into this Contract, Contractor makes the following representations:

1. Contractor has examined and carefully studied the Contract Documents, including Addenda.

2. Contractor has visited the Site, conducted a thorough visual examination of the Site and adjacent areas, and become familiar with the general, local, and Site conditions that may affect cost, progress, and performance of the Work.

3. Contractor is familiar with all Laws and Regulations that may affect cost, progress, and performance of the Work.

4. Contractor has carefully studied the reports of explorations and tests of subsurface conditions at or adjacent to the Site and the drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, with respect to the Technical Data in such reports and drawings.

5. Contractor has considered the information known to Contractor itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Contract Documents; and the Technical Data identified in the Supplementary Conditions or by definition, with respect to the effect of such information, observations, and Technical Data on (a) the cost, progress, and performance of the Work; (b) the means, methods, techniques, sequences, and procedures of construction to be employed by Contractor; and (c) Contractor's safety precautions and programs.

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6. Based on the information and observations referred to in the preceding paragraph, Contractor agrees that no further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract.

7. Contractor is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Contract Documents.

8. Contractor has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Contractor has discovered in the Contract Documents, and of discrepancies between Site conditions and the Contract Documents, and the written resolution thereof by Engineer is acceptable to Contractor.

9. The Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.

10. Contractor's entry into this Contract constitutes an incontrovertible representation by Contractor that without exception all prices in the Agreement are premised upon performing and furnishing the Work required by the Contract Documents.

8.02 *Contractor's Certifications*

A. Contractor certifies that it has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for or in executing the Contract. For the purposes of this Paragraph 8.02:

1. "corrupt practice" means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process or in the Contract execution;

2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process or the execution of the Contract to the detriment of Owner, (b) to establish Bid or Contract prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;

3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish Bid prices at artificial, non-competitive levels; and

4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

8.03 *Standard General Conditions*

A. Owner stipulates that if the General Conditions that are made a part of this Contract are EJCDC® C-700, Standard General Conditions for the Construction Contract (2018), published by the Engineers Joint Contract Documents Committee, and if Owner is the party that has furnished said General Conditions, then Owner has plainly shown all modifications to the standard wording of such published document to the Contractor, through a process such as highlighting or "track changes" (redline/strikeout), or in the Supplementary Conditions.

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IN WITNESS WHEREOF, Owner and Contractor have signed this Agreement.

This Agreement will be effective on _____(which is the Effective Date of the Contract).

Owner:	Contractor:
City of Bethel *(typed or printed name of organization)*	_____ *(typed or printed name of organization)*
By: _____ *(individual's signature)*	By: _____ *(individual's signature)*
Date: _____ *(date signed)*	Date: _____ *(date signed)*
Name: _____ *(typed or printed)*	Name: _____ *(typed or printed)*
Title: _____ *(typed or printed)*	Title: _____ *(typed or printed)*
	*(If **[Type of Entity]** is a corporation, a partnership, or a joint venture, attach evidence of authority to sign.)*
Attest: _____ *(individual's signature)*	Attest: _____ *(individual's signature)*
Title: _____ *(typed or printed)*	Title: _____ *(typed or printed)*
Address for giving notices: PO Box 1388 Bethel, AK 99559	Address for giving notices:
Designated Representative:	Designated Representative:
Name: _____ *(typed or printed)*	Name: _____ *(typed or printed)*
Title: _____ *(typed or printed)*	Title: _____ *(typed or printed)*
Address:	Address:
Phone: _____ Email: _____	Phone: _____ Email: _____
*(If **[Type of Entity]** is a corporation, attach evidence of authority to sign. If **[Type of Entity]** is a public body, attach evidence of authority to sign and resolution or other documents authorizing execution of this Agreement.)*	License No.: _____ *(where applicable)* State: _____

EJCDC® C-520, Agreement between Owner and Contractor for Construction Contract (Stipulated Price).
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SECTION 00 61.13.13
PERFORMANCE BOND

Contractor Name: Address *(principal place of business)*:	**Surety** Name: Address *(principal place of business)*:
Owner Name: **City of Bethel** Mailing address *(principal place of business)*: **PO Box 1388** **Bethel, AK 99559**	**Contract** **City of Bethel QFC#2 Lift Station Improvements** Contract Price: Effective Date of Contract:

Bond

Bond Amount:

Date of Bond:

(Date of Bond cannot be earlier than Effective Date of Contract)

Modifications to this Bond form:

☐ None ☐ See Paragraph 16

Surety and Contractor, intending to be legally bound hereby, subject to the terms set forth in this Performance Bond, do each cause this Performance Bond to be duly executed by an authorized officer, agent, or representative.

Contractor as Principal	Surety
_____ *(Full formal name of Contractor)*	_____ *(Full formal name of Surety) (corporate seal)*
By: _____ *(Signature)*	By: _____ *(Signature)(Attach Power of Attorney)*
Name: _____ *(Printed or typed)*	Name: _____ *(Printed or typed)*
Title: _____	Title: _____
Attest: _____ *(Signature)*	Attest: _____ *(Signature)*
Name: _____ *(Printed or typed)*	Name: _____ *(Printed or typed)*
Title: _____	Title: _____

Notes: (1) Provide supplemental execution by any additional parties, such as joint venturers. (2) Any singular reference to Contractor, Surety, Owner, or other party is considered plural where applicable.

EJCDC® C-610, Performance Bond.
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1. The Contractor and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors, and assigns to the Owner for the performance of the Construction Contract, which is incorporated herein by reference.

2. If the Contractor performs the Construction Contract, the Surety and the Contractor shall have no obligation under this Bond, except when applicable to participate in a conference as provided in Paragraph 3.

3. If there is no Owner Default under the Construction Contract, the Surety's obligation under this Bond will arise after:

    3.1. The Owner first provides notice to the Contractor and the Surety that the Owner is considering declaring a Contractor Default. Such notice may indicate whether the Owner is requesting a conference among the Owner, Contractor, and Surety to discuss the Contractor's performance. If the Owner does not request a conference, the Surety may, within five (5) business days after receipt of the Owner's notice, request such a conference. If the Surety timely requests a conference, the Owner shall attend. Unless the Owner agrees otherwise, any conference requested under this Paragraph 3.1 will be held within ten (10) business days of the Surety's receipt of the Owner's notice. If the Owner, the Contractor, and the Surety agree, the Contractor shall be allowed a reasonable time to perform the Construction Contract, but such an agreement does not waive the Owner's right, if any, subsequently to declare a Contractor Default;

    3.2. The Owner declares a Contractor Default, terminates the Construction Contract and notifies the Surety; and

    3.3. The Owner has agreed to pay the Balance of the Contract Price in accordance with the terms of the Construction Contract to the Surety or to a contractor selected to perform the Construction Contract.

4. Failure on the part of the Owner to comply with the notice requirement in Paragraph 3.1 does not constitute a failure to comply with a condition precedent to the Surety's obligations, or release the Surety from its obligations, except to the extent the Surety demonstrates actual prejudice.

5. When the Owner has satisfied the conditions of Paragraph 3, the Surety shall promptly and at the Surety's expense take one of the following actions:

    5.1. Arrange for the Contractor, with the consent of the Owner, to perform and complete the Construction Contract;

    5.2. Undertake to perform and complete the Construction Contract itself, through its agents or independent contractors;

    5.3. Obtain bids or negotiated proposals from qualified contractors acceptable to the Owner for a contract for performance and completion of the Construction Contract, arrange for a contract to be prepared for execution by the Owner and a contractor selected with the Owners concurrence, to be secured with performance and payment bonds executed by a qualified surety equivalent to the bonds issued on the Construction Contract, and pay to the Owner the amount of damages as described in Paragraph 7 in excess of the Balance of the Contract Price incurred by the Owner as a result of the Contractor Default; or

    5.4. Waive its right to perform and complete, arrange for completion, or obtain a new contractor, and with reasonable promptness under the circumstances:

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5.4.1 After investigation, determine the amount for which it may be liable to the Owner and, as soon as practicable after the amount is determined, make payment to the Owner; or

5.4.2 Deny liability in whole or in part and notify the Owner, citing the reasons for denial.

6. If the Surety does not proceed as provided in Paragraph 5 with reasonable promptness, the Surety shall be deemed to be in default on this Bond seven days after receipt of an additional written notice from the Owner to the Surety demanding that the Surety perform its obligations under this Bond, and the Owner shall be entitled to enforce any remedy available to the Owner. If the Surety proceeds as provided in Paragraph 5.4, and the Owner refuses the payment, or the Surety has denied liability, in whole or in part, without further notice, the Owner shall be entitled to enforce any remedy available to the Owner.

7. If the Surety elects to act under Paragraph 5.1, 5.2, or 5.3, then the responsibilities of the Surety to the Owner will not be greater than those of the Contractor under the Construction Contract, and the responsibilities of the Owner to the Surety will not be greater than those of the Owner under the Construction Contract. Subject to the commitment by the Owner to pay the Balance of the Contract Price, the Surety is obligated, without duplication for:

   7.1. the responsibilities of the Contractor for correction of defective work and completion of the Construction Contract;

   7.2. additional legal, design professional, and delay costs resulting from the Contractor's Default, and resulting from the actions or failure to act of the Surety under Paragraph 5; and

   7.3. liquidated damages, or if no liquidated damages are specified in the Construction Contract, actual damages caused by delayed performance or non-performance of the Contractor.

8. If the Surety elects to act under Paragraph 5.1, 5.3, or 5.4, the Surety's liability is limited to the amount of this Bond.

9. The Surety shall not be liable to the Owner or others for obligations of the Contractor that are unrelated to the Construction Contract, and the Balance of the Contract Price will not be reduced or set off on account of any such unrelated obligations. No right of action will accrue on this Bond to any person or entity other than the Owner or its heirs, executors, administrators, successors, and assigns.

10. The Surety hereby waives notice of any change, including changes of time, to the Construction Contract or to related subcontracts, purchase orders, and other obligations.

11. Any proceeding, legal or equitable, under this Bond must be instituted in any court of competent jurisdiction in the location in which the work or part of the work is located and must be instituted within two years after a declaration of Contractor Default or within two years after the Contractor ceased working or within two years after the Surety refuses or fails to perform its obligations under this Bond, whichever occurs first. If the provisions of this paragraph are void or prohibited by law, the minimum periods of limitations available to sureties as a defense in the jurisdiction of the suit will be applicable.

12. Notice to the Surety, the Owner, or the Contractor must be mailed or delivered to the address shown on the page on which their signature appears.

13. When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the construction was to be performed, any provision in this Bond conflicting with said statutory or legal requirement will be deemed deleted therefrom and provisions conforming to such

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statutory or other legal requirement will be deemed incorporated herein. When so furnished, the intent is that this Bond will be construed as a statutory bond and not as a common law bond.

14. Definitions

    14.1. *Balance of the Contract Price*—The total amount payable by the Owner to the Contractor under the Construction Contract after all proper adjustments have been made including allowance for the Contractor for any amounts received or to be received by the Owner in settlement of insurance or other claims for damages to which the Contractor is entitled, reduced by all valid and proper payments made to or on behalf of the Contractor under the Construction Contract.

    14.2. *Construction Contract*—The agreement between the Owner and Contractor identified on the cover page, including all Contract Documents and changes made to the agreement and the Contract Documents.

    14.3. *Contractor Default*—Failure of the Contractor, which has not been remedied or waived, to perform or otherwise to comply with a material term of the Construction Contract.

    14.4. *Owner Default*—Failure of the Owner, which has not been remedied or waived, to pay the Contractor as required under the Construction Contract or to perform and complete or comply with the other material terms of the Construction Contract.

    14.5. *Contract Documents*—All the documents that comprise the agreement between the Owner and Contractor.

15. If this Bond is issued for an agreement between a contractor and subcontractor, the term Contractor in this Bond will be deemed to be Subcontractor and the term Owner will be deemed to be Contractor.

16. Modifications to this Bond are as follows: **None**

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SECTION 00 61 13.16
PAYMENT BOND

Contractor	**Surety**
Name:	Name:
Address *(principal place of business)*:	Address *(principal place of business)*:
Owner	**Contract**
Name: **City of Bethel**	Description *(name and location)*: **QFC#2 Lift Station Improvements, City of Bethel, Alaska**
Mailing address *(principal place of business)*: **PO Box 1388 Bethel, AK 99559**	Contract Price:
	Effective Date of Contract:

Bond

Bond Amount:

Date of Bond:

(Date of Bond cannot be earlier than Effective Date of Contract)

Modifications to this Bond form:

☐ None ☐ See Paragraph 18

Surety and Contractor, intending to be legally bound hereby, subject to the terms set forth in this Payment Bond, do each cause this Payment Bond to be duly executed by an authorized officer, agent, or representative.

Contractor as Principal	Surety
_____	_____
(Full formal name of Contractor)	*(Full formal name of Surety) (corporate seal)*
By: _____	By: _____
(Signature)	*(Signature)(Attach Power of Attorney)*
Name: _____	Name: _____
(Printed or typed)	*(Printed or typed)*
Title: _____	Title: _____
Attest: _____	Attest: _____
(Signature)	*(Signature)*
Name: _____	Name: _____
(Printed or typed)	*(Printed or typed)*
Title: _____	Title: _____

Notes: (1) Provide supplemental execution by any additional parties, such as joint venturers. (2) Any singular reference to Contractor, Surety, Owner, or other party is considered plural where applicable.

EJCDC® C-615, Payment Bond.
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1. The Contractor and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors, and assigns to the Owner to pay for labor, materials, and equipment furnished for use in the performance of the Construction Contract, which is incorporated herein by reference, subject to the following terms.
2. If the Contractor promptly makes payment of all sums due to Claimants, and defends, indemnifies, and holds harmless the Owner from claims, demands, liens, or suits by any person or entity seeking payment for labor, materials, or equipment furnished for use in the performance of the Construction Contract, then the Surety and the Contractor shall have no obligation under this Bond.
3. If there is no Owner Default under the Construction Contract, the Surety's obligation to the Owner under this Bond will arise after the Owner has promptly notified the Contractor and the Surety (at the address described in Paragraph 13) of claims, demands, liens, or suits against the Owner or the Owner's property by any person or entity seeking payment for labor, materials, or equipment furnished for use in the performance of the Construction Contract, and tendered defense of such claims, demands, liens, or suits to the Contractor and the Surety.
4. When the Owner has satisfied the conditions in Paragraph 3, the Surety shall promptly and at the Surety's expense defend, indemnify, and hold harmless the Owner against a duly tendered claim, demand, lien, or suit.
5. The Surety's obligations to a Claimant under this Bond will arise after the following:
    5.1. Claimants who do not have a direct contract with the Contractor
        5.1.1. have furnished a written notice of non-payment to the Contractor, stating with substantial accuracy the amount claimed and the name of the party to whom the materials were, or equipment was, furnished or supplied or for whom the labor was done or performed, within ninety (90) days after having last performed labor or last furnished materials or equipment included in the Claim; and
        5.1.2. have sent a Claim to the Surety (at the address described in Paragraph 13).
    5.2. Claimants who are employed by or have a direct contract with the Contractor have sent a Claim to the Surety (at the address described in Paragraph 13).
6. If a notice of non-payment required by Paragraph 5.1.1 is given by the Owner to the Contractor, that is sufficient to satisfy a Claimant's obligation to furnish a written notice of non-payment under Paragraph 5.1.1.
7. When a Claimant has satisfied the conditions of Paragraph 5.1 or 5.2, whichever is applicable, the Surety shall promptly and at the Surety's expense take the following actions:
    7.1. Send an answer to the Claimant, with a copy to the Owner, within sixty (60) days after receipt of the Claim, stating the amounts that are undisputed and the basis for challenging any amounts that are disputed; and
    7.2. Pay or arrange for payment of any undisputed amounts.
    7.3. The Surety's failure to discharge its obligations under Paragraph 7.1 or 7.2 will not be deemed to constitute a waiver of defenses the Surety or Contractor may have or acquire as to a Claim, except as to undisputed amounts for which the Surety and Claimant have reached agreement. If, however, the Surety fails to discharge its obligations under Paragraph 7.1 or 7.2, the Surety shall indemnify the Claimant for the reasonable attorney's fees the Claimant incurs thereafter to recover any sums found to be due and owing to the Claimant.

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8. The Surety's total obligation will not exceed the amount of this Bond, plus the amount of reasonable attorney's fees provided under Paragraph 7.3, and the amount of this Bond will be credited for any payments made in good faith by the Surety.

9. Amounts owed by the Owner to the Contractor under the Construction Contract will be used for the performance of the Construction Contract and to satisfy claims, if any, under any construction performance bond. By the Contractor furnishing and the Owner accepting this Bond, they agree that all funds earned by the Contractor in the performance of the Construction Contract are dedicated to satisfying obligations of the Contractor and Surety under this Bond, subject to the Owner's priority to use the funds for the completion of the work.

10. The Surety shall not be liable to the Owner, Claimants, or others for obligations of the Contractor that are unrelated to the Construction Contract. The Owner shall not be liable for the payment of any costs or expenses of any Claimant under this Bond, and shall have under this Bond no obligation to make payments to or give notice on behalf of Claimants, or otherwise have any obligations to Claimants under this Bond.

11. The Surety hereby waives notice of any change, including changes of time, to the Construction Contract or to related subcontracts, purchase orders, and other obligations.

12. No suit or action will be commenced by a Claimant under this Bond other than in a court of competent jurisdiction in the state in which the project that is the subject of the Construction Contract is located or after the expiration of one year from the date (1) on which the Claimant sent a Claim to the Surety pursuant to Paragraph 5.1.2 or 5.2, or (2) on which the last labor or service was performed by anyone or the last materials or equipment were furnished by anyone under the Construction Contract, whichever of (1) or (2) first occurs. If the provisions of this paragraph are void or prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction of the suit will be applicable.

13. Notice and Claims to the Surety, the Owner, or the Contractor must be mailed or delivered to the address shown on the page on which their signature appears. Actual receipt of notice or Claims, however accomplished, will be sufficient compliance as of the date received.

14. When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the construction was to be performed, any provision in this Bond conflicting with said statutory or legal requirement will be deemed deleted here from and provisions conforming to such statutory or other legal requirement will be deemed incorporated herein. When so furnished, the intent is that this Bond will be construed as a statutory bond and not as a common law bond.

15. Upon requests by any person or entity appearing to be a potential beneficiary of this Bond, the Contractor and Owner shall promptly furnish a copy of this Bond or shall permit a copy to be made.

16. Definitions

    16.1. *Claim*—A written statement by the Claimant including at a minimum:

        16.1.1. The name of the Claimant;

        16.1.2. The name of the person for whom the labor was done, or materials or equipment furnished;

        16.1.3. A copy of the agreement or purchase order pursuant to which labor, materials, or equipment was furnished for use in the performance of the Construction Contract;

        16.1.4. A brief description of the labor, materials, or equipment furnished;

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16.1.5. The date on which the Claimant last performed labor or last furnished materials or equipment for use in the performance of the Construction Contract;

16.1.6. The total amount earned by the Claimant for labor, materials, or equipment furnished as of the date of the Claim;

16.1.7. The total amount of previous payments received by the Claimant; and

16.1.8. The total amount due and unpaid to the Claimant for labor, materials, or equipment furnished as of the date of the Claim.

16.2. *Claimant*—An individual or entity having a direct contract with the Contractor or with a subcontractor of the Contractor to furnish labor, materials, or equipment for use in the performance of the Construction Contract. The term Claimant also includes any individual or entity that has rightfully asserted a claim under an applicable mechanic's lien or similar statute against the real property upon which the Project is located. The intent of this Bond is to include without limitation in the terms of "labor, materials, or equipment" that part of the water, gas, power, light, heat, oil, gasoline, telephone service, or rental equipment used in the Construction Contract, architectural and engineering services required for performance of the work of the Contractor and the Contractor's subcontractors, and all other items for which a mechanic's lien may be asserted in the jurisdiction where the labor, materials, or equipment were furnished.

16.3. *Construction Contract*—The agreement between the Owner and Contractor identified on the cover page, including all Contract Documents and all changes made to the agreement and the Contract Documents.

16.4. *Owner Default*—Failure of the Owner, which has not been remedied or waived, to pay the Contractor as required under the Construction Contract or to perform and complete or comply with the other material terms of the Construction Contract.

16.5. *Contract Documents*—All the documents that comprise the agreement between the Owner and Contractor.

17. If this Bond is issued for an agreement between a contractor and subcontractor, the term Contractor in this Bond will be deemed to be Subcontractor and the term Owner will be deemed to be Contractor.

18. Modifications to this Bond are as follows: **None**

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SECTION 00 72 13
STANDARD GENERAL CONDITIONS
OF THE CONSTRUCTION CONTRACT

Prepared By

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STANDARD GENERAL CONDITIONS OF THE CONSTRUCTION CONTRACT

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STANDARD GENERAL CONDITIONS OF THE CONSTRUCTION CONTRACT

ARTICLE 1—DEFINITIONS AND TERMINOLOGY

1.01 *Defined Terms*

A. Wherever used in the Bidding Requirements or Contract Documents, a term printed with initial capital letters, including the term's singular and plural forms, will have the meaning indicated in the definitions below. In addition to terms specifically defined, terms with initial capital letters in the Contract Documents include references to identified articles and paragraphs, and the titles of other documents or forms.

1. *Addenda*—Written or graphic instruments issued prior to the opening of Bids which clarify, correct, or change the Bidding Requirements or the proposed Contract Documents.

2. *Agreement*—The written instrument, executed by Owner and Contractor, that sets forth the Contract Price and Contract Times, identifies the parties and the Engineer, and designates the specific items that are Contract Documents.

3. *Application for Payment*—The document prepared by Contractor, in a form acceptable to Engineer, to request progress or final payments, and which is to be accompanied by such supporting documentation as is required by the Contract Documents.

4. *Bid*—The offer of a Bidder submitted on the prescribed form setting forth the prices for the Work to be performed.

5. *Bidder*—An individual or entity that submits a Bid to Owner.

6. *Bidding Documents*—The Bidding Requirements, the proposed Contract Documents, and all Addenda.

7. *Bidding Requirements*—The Advertisement or invitation to bid, Instructions to Bidders, Bid Bond or other Bid security, if any, the Bid Form, and the Bid with any attachments.

8. *Change Order*—A document which is signed by Contractor and Owner and authorizes an addition, deletion, or revision in the Work or an adjustment in the Contract Price or the Contract Times, or other revision to the Contract, issued on or after the Effective Date of the Contract.

9. *Change Proposal*—A written request by Contractor, duly submitted in compliance with the procedural requirements set forth herein, seeking an adjustment in Contract Price or Contract Times; contesting an initial decision by Engineer concerning the requirements of the Contract Documents or the acceptability of Work under the Contract Documents; challenging a set-off against payments due; or seeking other relief with respect to the terms of the Contract.

10. *Claim*

a. A demand or assertion by Owner directly to Contractor, duly submitted in compliance with the procedural requirements set forth herein, seeking an adjustment of Contract Price or Contract Times; contesting an initial decision by Engineer concerning the

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requirements of the Contract Documents or the acceptability of Work under the Contract Documents; contesting Engineer's decision regarding a Change Proposal; seeking resolution of a contractual issue that Engineer has declined to address; or seeking other relief with respect to the terms of the Contract.

b. A demand or assertion by Contractor directly to Owner, duly submitted in compliance with the procedural requirements set forth herein, contesting Engineer's decision regarding a Change Proposal, or seeking resolution of a contractual issue that Engineer has declined to address.

c. A demand or assertion by Owner or Contractor, duly submitted in compliance with the procedural requirements set forth herein, made pursuant to Paragraph 12.01.A.4, concerning disputes arising after Engineer has issued a recommendation of final payment.

d. A demand for money or services by a third party is not a Claim.

11. *Constituent of Concern*—Asbestos, petroleum, radioactive materials, polychlorinated biphenyls (PCBs), lead-based paint (as defined by the HUD/EPA standard), hazardous waste, and any substance, product, waste, or other material of any nature whatsoever that is or becomes listed, regulated, or addressed pursuant to Laws and Regulations regulating, relating to, or imposing liability or standards of conduct concerning, any hazardous, toxic, or dangerous waste, substance, or material.

12. *Contract*—The entire and integrated written contract between Owner and Contractor concerning the Work.

13. *Contract Documents*—Those items so designated in the Agreement, and which together comprise the Contract.

14. *Contract Price*—The money that Owner has agreed to pay Contractor for completion of the Work in accordance with the Contract Documents.

15. *Contract Times*—The number of days or the dates by which Contractor shall: (a) achieve Milestones, if any; (b) achieve Substantial Completion; and (c) complete the Work.

16. *Contractor*—The individual or entity with which Owner has contracted for performance of the Work.

17. *Cost of the Work*—See Paragraph 13.01 for definition.

18. *Drawings*—The part of the Contract that graphically shows the scope, extent, and character of the Work to be performed by Contractor.

19. *Effective Date of the Contract*—The date, indicated in the Agreement, on which the Contract becomes effective.

20. *Electronic Document*—Any Project-related correspondence, attachments to correspondence, data, documents, drawings, information, or graphics, including but not limited to Shop Drawings and other Submittals, that are in an electronic or digital format.

21. *Electronic Means*—Electronic mail (email), upload/download from a secure Project website, or other communications methods that allow: (a) the transmission or communication of Electronic Documents; (b) the documentation of transmissions, including sending and receipt; (c) printing of the transmitted Electronic Document by the

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recipient; (d) the storage and archiving of the Electronic Document by sender and recipient; and (e) the use by recipient of the Electronic Document for purposes permitted by this Contract. Electronic Means does not include the use of text messaging, or of Facebook, Twitter, Instagram, or similar social media services for transmission of Electronic Documents.

22. *Engineer*—The individual or entity named as such in the Agreement.

23. *Field Order*—A written order issued by Engineer which requires minor changes in the Work but does not change the Contract Price or the Contract Times.

24. *Hazardous Environmental Condition*—The presence at the Site of Constituents of Concern in such quantities or circumstances that may present a danger to persons or property exposed thereto.

    a. The presence at the Site of materials that are necessary for the execution of the Work, or that are to be incorporated into the Work, and that are controlled and contained pursuant to industry practices, Laws and Regulations, and the requirements of the Contract, is not a Hazardous Environmental Condition.

    b. The presence of Constituents of Concern that are to be removed or remediated as part of the Work is not a Hazardous Environmental Condition.

    c. The presence of Constituents of Concern as part of the routine, anticipated, and obvious working conditions at the Site, is not a Hazardous Environmental Condition.

25. *Laws and Regulations; Laws or Regulations*—Any and all applicable laws, statutes, rules, regulations, ordinances, codes, and binding decrees, resolutions, and orders of any and all governmental bodies, agencies, authorities, and courts having jurisdiction.

26. *Liens*—Charges, security interests, or encumbrances upon Contract-related funds, real property, or personal property.

27. *Milestone*—A principal event in the performance of the Work that the Contract requires Contractor to achieve by an intermediate completion date, or by a time prior to Substantial Completion of all the Work.

28. *Notice of Award*—The written notice by Owner to a Bidder of Owner's acceptance of the Bid.

29. *Notice to Proceed*—A written notice by Owner to Contractor fixing the date on which the Contract Times will commence to run and on which Contractor shall start to perform the Work.

30. *Owner*—The individual or entity with which Contractor has contracted regarding the Work, and which has agreed to pay Contractor for the performance of the Work, pursuant to the terms of the Contract.

31. *Progress Schedule*—A schedule, prepared and maintained by Contractor, describing the sequence and duration of the activities comprising Contractor's plan to accomplish the Work within the Contract Times.

32. *Project*—The total undertaking to be accomplished for Owner by engineers, contractors, and others, including planning, study, design, construction, testing, commissioning, and start-up, and of which the Work to be performed under the Contract Documents is a part.

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33. *Resident Project Representative*—The authorized representative of Engineer assigned to assist Engineer at the Site. As used herein, the term Resident Project Representative (RPR) includes any assistants or field staff of Resident Project Representative.

34. *Samples*—Physical examples of materials, equipment, or workmanship that are representative of some portion of the Work and that establish the standards by which such portion of the Work will be judged.

35. *Schedule of Submittals*—A schedule, prepared and maintained by Contractor, of required submittals and the time requirements for Engineer's review of the submittals.

36. *Schedule of Values*—A schedule, prepared and maintained by Contractor, allocating portions of the Contract Price to various portions of the Work and used as the basis for reviewing Contractor's Applications for Payment.

37. *Shop Drawings*—All drawings, diagrams, illustrations, schedules, and other data or information that are specifically prepared or assembled by or for Contractor and submitted by Contractor to illustrate some portion of the Work. Shop Drawings, whether approved or not, are not Drawings and are not Contract Documents.

38. *Site*—Lands or areas indicated in the Contract Documents as being furnished by Owner upon which the Work is to be performed, including rights-of-way and easements, and such other lands or areas furnished by Owner which are designated for the use of Contractor.

39. *Specifications*—The part of the Contract that consists of written requirements for materials, equipment, systems, standards, and workmanship as applied to the Work, and certain administrative requirements and procedural matters applicable to the Work.

40. *Subcontractor*—An individual or entity having a direct contract with Contractor or with any other Subcontractor for the performance of a part of the Work.

41. *Submittal*—A written or graphic document, prepared by or for Contractor, which the Contract Documents require Contractor to submit to Engineer, or that is indicated as a Submittal in the Schedule of Submittals accepted by Engineer. Submittals may include Shop Drawings and Samples; schedules; product data; Owner-delegated designs; sustainable design information; information on special procedures; testing plans; results of tests and evaluations, source quality-control testing and inspections, and field or Site quality-control testing and inspections; warranties and certifications; Suppliers' instructions and reports; records of delivery of spare parts and tools; operations and maintenance data; Project photographic documentation; record documents; and other such documents required by the Contract Documents. Submittals, whether or not approved or accepted by Engineer, are not Contract Documents. Change Proposals, Change Orders, Claims, notices, Applications for Payment, and requests for interpretation or clarification are not Submittals.

42. *Substantial Completion*—The time at which the Work (or a specified part thereof) has progressed to the point where, in the opinion of Engineer, the Work (or a specified part thereof) is sufficiently complete, in accordance with the Contract Documents, so that the Work (or a specified part thereof) can be utilized for the purposes for which it is intended. The terms "substantially complete" and "substantially completed" as applied to all or part of the Work refer to Substantial Completion of such Work.

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43. *Successful Bidder*—The Bidder to which the Owner makes an award of contract.

44. *Supplementary Conditions*—The part of the Contract that amends or supplements these General Conditions.

45. *Supplier*—A manufacturer, fabricator, supplier, distributor, or vendor having a direct contract with Contractor or with any Subcontractor to furnish materials or equipment to be incorporated in the Work by Contractor or a Subcontractor.

46. *Technical Data*

    a. Those items expressly identified as Technical Data in the Supplementary Conditions, with respect to either (1) existing subsurface conditions at or adjacent to the Site, or existing physical conditions at or adjacent to the Site including existing surface or subsurface structures (except Underground Facilities) or (2) Hazardous Environmental Conditions at the Site.

    b. If no such express identifications of Technical Data have been made with respect to conditions at the Site, then Technical Data is defined, with respect to conditions at the Site under Paragraphs 5.03, 5.04, and 5.06, as the data contained in boring logs, recorded measurements of subsurface water levels, assessments of the condition of subsurface facilities, laboratory test results, and other factual, objective information regarding conditions at the Site that are set forth in any geotechnical, environmental, or other Site or facilities conditions report prepared for the Project and made available to Contractor.

    c. Information and data regarding the presence or location of Underground Facilities are not intended to be categorized, identified, or defined as Technical Data, and instead Underground Facilities are shown or indicated on the Drawings.

47. *Underground Facilities*—All active or not-in-service underground lines, pipelines, conduits, ducts, encasements, cables, wires, manholes, vaults, tanks, tunnels, or other such facilities or systems at the Site, including but not limited to those facilities or systems that produce, transmit, distribute, or convey telephone or other communications, cable television, fiber optic transmissions, power, electricity, light, heat, gases, oil, crude oil products, liquid petroleum products, water, steam, waste, wastewater, storm water, other liquids or chemicals, or traffic or other control systems. An abandoned facility or system is not an Underground Facility.

48. *Unit Price Work*—Work to be paid for on the basis of unit prices.

49. *Work*—The entire construction or the various separately identifiable parts thereof required to be provided under the Contract Documents. Work includes and is the result of performing or providing all labor, services, and documentation necessary to produce such construction; furnishing, installing, and incorporating all materials and equipment into such construction; and may include related services such as testing, start-up, and commissioning, all as required by the Contract Documents.

50. *Work Change Directive*—A written directive to Contractor issued on or after the Effective Date of the Contract, signed by Owner and recommended by Engineer, ordering an addition, deletion, or revision in the Work.

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1.02 *Terminology*

A. The words and terms discussed in Paragraphs 1.02.B, C, D, and E are not defined terms that require initial capital letters, but, when used in the Bidding Requirements or Contract Documents, have the indicated meaning.

B. *Intent of Certain Terms or Adjectives*: The Contract Documents include the terms "as allowed," "as approved," "as ordered," "as directed" or terms of like effect or import to authorize an exercise of professional judgment by Engineer. In addition, the adjectives "reasonable," "suitable," "acceptable," "proper," "satisfactory," or adjectives of like effect or import are used to describe an action or determination of Engineer as to the Work. It is intended that such exercise of professional judgment, action, or determination will be solely to evaluate, in general, the Work for compliance with the information in the Contract Documents and with the design concept of the Project as a functioning whole as shown or indicated in the Contract Documents (unless there is a specific statement indicating otherwise). The use of any such term or adjective is not intended to and shall not be effective to assign to Engineer any duty or authority to supervise or direct the performance of the Work, or any duty or authority to undertake responsibility contrary to the provisions of Article 10 or any other provision of the Contract Documents.

C. *Day*: The word "day" means a calendar day of 24 hours measured from midnight to the next midnight.

D. *Defective*: The word "defective," when modifying the word "Work," refers to Work that is unsatisfactory, faulty, or deficient in that it:

1. does not conform to the Contract Documents;

2. does not meet the requirements of any applicable inspection, reference standard, test, or approval referred to in the Contract Documents; or

3. has been damaged prior to Engineer's recommendation of final payment (unless responsibility for the protection thereof has been assumed by Owner at Substantial Completion in accordance with Paragraph 15.03 or Paragraph 15.04).

E. *Furnish, Install, Perform, Provide*

1. The word "furnish," when used in connection with services, materials, or equipment, means to supply and deliver said services, materials, or equipment to the Site (or some other specified location) ready for use or installation and in usable or operable condition.

2. The word "install," when used in connection with services, materials, or equipment, means to put into use or place in final position said services, materials, or equipment complete and ready for intended use.

3. The words "perform" or "provide," when used in connection with services, materials, or equipment, means to furnish and install said services, materials, or equipment complete and ready for intended use.

4. If the Contract Documents establish an obligation of Contractor with respect to specific services, materials, or equipment, but do not expressly use any of the four words "furnish," "install," "perform," or "provide," then Contractor shall furnish and install said services, materials, or equipment complete and ready for intended use.

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F. *Contract Price or Contract Times*: References to a change in "Contract Price or Contract Times" or "Contract Times or Contract Price" or similar, indicate that such change applies to (1) Contract Price, (2) Contract Times, or (3) both Contract Price and Contract Times, as warranted, even if the term "or both" is not expressed.

G. Unless stated otherwise in the Contract Documents, words or phrases that have a well-known technical or construction industry or trade meaning are used in the Contract Documents in accordance with such recognized meaning.

ARTICLE 2—PRELIMINARY MATTERS

2.01 *Delivery of Performance and Payment Bonds; Evidence of Insurance*

A. *Performance and Payment Bonds*: When Contractor delivers the signed counterparts of the Agreement to Owner, Contractor shall also deliver to Owner the performance bond and payment bond (if the Contract requires Contractor to furnish such bonds).

B. *Evidence of Contractor's Insurance*: When Contractor delivers the signed counterparts of the Agreement to Owner, Contractor shall also deliver to Owner, with copies to each additional insured (as identified in the Contract), the certificates, endorsements, and other evidence of insurance required to be provided by Contractor in accordance with Article 6, except to the extent the Supplementary Conditions expressly establish other dates for delivery of specific insurance policies.

C. *Evidence of Owner's Insurance*: After receipt of the signed counterparts of the Agreement and all required bonds and insurance documentation, Owner shall promptly deliver to Contractor, with copies to each additional insured (as identified in the Contract), the certificates and other evidence of insurance required to be provided by Owner under Article 6.

2.02 *Copies of Documents*

A. Owner shall furnish to Contractor four printed copies of the Contract (including one fully signed counterpart of the Agreement), and one copy in electronic portable document format (PDF). Additional printed copies will be furnished upon request at the cost of reproduction.

B. Owner shall maintain and safeguard at least one original printed record version of the Contract, including Drawings and Specifications signed and sealed by Engineer and other design professionals. Owner shall make such original printed record version of the Contract available to Contractor for review. Owner may delegate the responsibilities under this provision to Engineer.

2.03 *Before Starting Construction*

A. *Preliminary Schedules*: Within 10 days after the Effective Date of the Contract (or as otherwise required by the Contract Documents), Contractor shall submit to Engineer for timely review:

1. a preliminary Progress Schedule indicating the times (numbers of days or dates) for starting and completing the various stages of the Work, including any Milestones specified in the Contract;

2. a preliminary Schedule of Submittals; and

3. a preliminary Schedule of Values for all of the Work which includes quantities and prices of items which when added together equal the Contract Price and subdivides the Work

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into component parts in sufficient detail to serve as the basis for progress payments during performance of the Work. Such prices will include an appropriate amount of overhead and profit applicable to each item of Work.

2.04 *Preconstruction Conference; Designation of Authorized Representatives*

A. Before any Work at the Site is started, a conference attended by Owner, Contractor, Engineer, and others as appropriate will be held to establish a working understanding among the parties as to the Work, and to discuss the schedules referred to in Paragraph 2.03.A, procedures for handling Shop Drawings, Samples, and other Submittals, processing Applications for Payment, electronic or digital transmittals, and maintaining required records.

B. At this conference Owner and Contractor each shall designate, in writing, a specific individual to act as its authorized representative with respect to the services and responsibilities under the Contract. Such individuals shall have the authority to transmit and receive information, render decisions relative to the Contract, and otherwise act on behalf of each respective party.

2.05 *Acceptance of Schedules*

A. At least 10 days before submission of the first Application for Payment a conference, attended by Contractor, Engineer, and others as appropriate, will be held to review the schedules submitted in accordance with Paragraph 2.03.A. No progress payment will be made to Contractor until acceptable schedules are submitted to Engineer.

1. The Progress Schedule will be acceptable to Engineer if it provides an orderly progression of the Work to completion within the Contract Times. Such acceptance will not impose on Engineer responsibility for the Progress Schedule, for sequencing, scheduling, or progress of the Work, nor interfere with or relieve Contractor from Contractor's full responsibility therefor.

2. Contractor's Schedule of Submittals will be acceptable to Engineer if it provides a workable arrangement for reviewing and processing the required submittals.

3. Contractor's Schedule of Values will be acceptable to Engineer as to form and substance if it provides a reasonable allocation of the Contract Price to the component parts of the Work.

4. If a schedule is not acceptable, Contractor will have an additional 10 days to revise and resubmit the schedule.

2.06 *Electronic Transmittals*

A. Except as otherwise stated elsewhere in the Contract, the Owner, Engineer, and Contractor may send, and shall accept, Electronic Documents transmitted by Electronic Means.

B. If the Contract does not establish protocols for Electronic Means, then Owner, Engineer, and Contractor shall jointly develop such protocols.

C. Subject to any governing protocols for Electronic Means, when transmitting Electronic Documents by Electronic Means, the transmitting party makes no representations as to long-term compatibility, usability, or readability of the Electronic Documents resulting from the recipient's use of software application packages, operating systems, or computer hardware differing from those used in the drafting or transmittal of the Electronic Documents.

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ARTICLE 3—CONTRACT DOCUMENTS: INTENT, REQUIREMENTS, REUSE

3.01 *Intent*

A. The Contract Documents are complementary; what is required by one Contract Document is as binding as if required by all.

B. It is the intent of the Contract Documents to describe a functionally complete Project (or part thereof) to be constructed in accordance with the Contract Documents.

C. Unless otherwise stated in the Contract Documents, if there is a discrepancy between the electronic versions of the Contract Documents (including any printed copies derived from such electronic versions) and the printed record version, the printed record version will govern.

D. The Contract supersedes prior negotiations, representations, and agreements, whether written or oral.

E. Engineer will issue clarifications and interpretations of the Contract Documents as provided herein.

F. Any provision or part of the Contract Documents held to be void or unenforceable under any Law or Regulation will be deemed stricken, and all remaining provisions will continue to be valid and binding upon Owner and Contractor, which agree that the Contract Documents will be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision.

G. Nothing in the Contract Documents creates:

1. any contractual relationship between Owner or Engineer and any Subcontractor, Supplier, or other individual or entity performing or furnishing any of the Work, for the benefit of such Subcontractor, Supplier, or other individual or entity; or

2. any obligation on the part of Owner or Engineer to pay or to see to the payment of any money due any such Subcontractor, Supplier, or other individual or entity, except as may otherwise be required by Laws and Regulations.

3.02 *Reference Standards*

A. *Standards Specifications, Codes, Laws and Regulations*

1. Reference in the Contract Documents to standard specifications, manuals, reference standards, or codes of any technical society, organization, or association, or to Laws or Regulations, whether such reference be specific or by implication, means the standard specification, manual, reference standard, code, or Laws or Regulations in effect at the time of opening of Bids (or on the Effective Date of the Contract if there were no Bids), except as may be otherwise specifically stated in the Contract Documents.

2. No provision of any such standard specification, manual, reference standard, or code, and no instruction of a Supplier, will be effective to change the duties or responsibilities of Owner, Contractor, or Engineer from those set forth in the part of the Contract Documents prepared by or for Engineer. No such provision or instruction shall be effective to assign to Owner or Engineer any duty or authority to supervise or direct the performance of the Work, or any duty or authority to undertake responsibility

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inconsistent with the provisions of the part of the Contract Documents prepared by or for Engineer.

3.03 *Reporting and Resolving Discrepancies*

A. *Reporting Discrepancies*

1. *Contractor's Verification of Figures and Field Measurements*: Before undertaking each part of the Work, Contractor shall carefully study the Contract Documents, and check and verify pertinent figures and dimensions therein, particularly with respect to applicable field measurements. Contractor shall promptly report in writing to Engineer any conflict, error, ambiguity, or discrepancy that Contractor discovers, or has actual knowledge of, and shall not proceed with any Work affected thereby until the conflict, error, ambiguity, or discrepancy is resolved by a clarification or interpretation by Engineer, or by an amendment or supplement to the Contract issued pursuant to Paragraph 11.01.

2. *Contractor's Review of Contract Documents*: If, before or during the performance of the Work, Contractor discovers any conflict, error, ambiguity, or discrepancy within the Contract Documents, or between the Contract Documents and (a) any applicable Law or Regulation, (b) actual field conditions, (c) any standard specification, manual, reference standard, or code, or (d) any instruction of any Supplier, then Contractor shall promptly report it to Engineer in writing. Contractor shall not proceed with the Work affected thereby (except in an emergency as required by Paragraph 7.15) until the conflict, error, ambiguity, or discrepancy is resolved, by a clarification or interpretation by Engineer, or by an amendment or supplement to the Contract issued pursuant to Paragraph 11.01.

3. Contractor shall not be liable to Owner or Engineer for failure to report any conflict, error, ambiguity, or discrepancy in the Contract Documents unless Contractor had actual knowledge thereof.

B. *Resolving Discrepancies*

1. Except as may be otherwise specifically stated in the Contract Documents, the provisions of the part of the Contract Documents prepared by or for Engineer take precedence in resolving any conflict, error, ambiguity, or discrepancy between such provisions of the Contract Documents and:

a. the provisions of any standard specification, manual, reference standard, or code, or the instruction of any Supplier (whether or not specifically incorporated by reference as a Contract Document); or

b. the provisions of any Laws or Regulations applicable to the performance of the Work (unless such an interpretation of the provisions of the Contract Documents would result in violation of such Law or Regulation).

3.04 *Requirements of the Contract Documents*

A. During the performance of the Work and until final payment, Contractor and Owner shall submit to the Engineer in writing all matters in question concerning the requirements of the Contract Documents (sometimes referred to as requests for information or interpretation—RFIs), or relating to the acceptability of the Work under the Contract Documents, as soon as possible after such matters arise. Engineer will be the initial interpreter of the requirements of the Contract Documents, and judge of the acceptability of the Work.

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B. Engineer will, with reasonable promptness, render a written clarification, interpretation, or decision on the issue submitted, or initiate an amendment or supplement to the Contract Documents. Engineer's written clarification, interpretation, or decision will be final and binding on Contractor, unless it appeals by submitting a Change Proposal, and on Owner, unless it appeals by filing a Claim.

C. If a submitted matter in question concerns terms and conditions of the Contract Documents that do not involve (1) the performance or acceptability of the Work under the Contract Documents, (2) the design (as set forth in the Drawings, Specifications, or otherwise), or (3) other engineering or technical matters, then Engineer will promptly notify Owner and Contractor in writing that Engineer is unable to provide a decision or interpretation. If Owner and Contractor are unable to agree on resolution of such a matter in question, either party may pursue resolution as provided in Article 12.

3.05 *Reuse of Documents*

A. Contractor and its Subcontractors and Suppliers shall not:

1. have or acquire any title to or ownership rights in any of the Drawings, Specifications, or other documents (or copies of any thereof) prepared by or bearing the seal of Engineer or its consultants, including electronic media versions, or reuse any such Drawings, Specifications, other documents, or copies thereof on extensions of the Project or any other project without written consent of Owner and Engineer and specific written verification or adaptation by Engineer; or

2. have or acquire any title or ownership rights in any other Contract Documents, reuse any such Contract Documents for any purpose without Owner's express written consent, or violate any copyrights pertaining to such Contract Documents.

B. The prohibitions of this Paragraph 3.05 will survive final payment, or termination of the Contract. Nothing herein precludes Contractor from retaining copies of the Contract Documents for record purposes.

ARTICLE 4—COMMENCEMENT AND PROGRESS OF THE WORK

4.01 *Commencement of Contract Times; Notice to Proceed*

A. The Contract Times will commence to run on the 30th day after the Effective Date of the Contract or, if a Notice to Proceed is given, on the day indicated in the Notice to Proceed. A Notice to Proceed may be given at any time within 30 days after the Effective Date of the Contract. In no event will the Contract Times commence to run later than the 60th day after the day of Bid opening or the 30th day after the Effective Date of the Contract, whichever date is earlier.

4.02 *Starting the Work*

A. Contractor shall start to perform the Work on the date when the Contract Times commence to run. No Work may be done at the Site prior to such date.

4.03 *Reference Points*

A. Owner shall provide engineering surveys to establish reference points for construction which in Engineer's judgment are necessary to enable Contractor to proceed with the Work. Contractor shall be responsible for laying out the Work, shall protect and preserve the

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established reference points and property monuments, and shall make no changes or relocations without the prior written approval of Owner. Contractor shall report to Engineer whenever any reference point or property monument is lost or destroyed or requires relocation because of necessary changes in grades or locations, and shall be responsible for the accurate replacement or relocation of such reference points or property monuments by professionally qualified personnel.

4.04 *Progress Schedule*

A. Contractor shall adhere to the Progress Schedule established in accordance with Paragraph 2.05 as it may be adjusted from time to time as provided below.

1. Contractor shall submit to Engineer for acceptance (to the extent indicated in Paragraph 2.05) proposed adjustments in the Progress Schedule that will not result in changing the Contract Times.

2. Proposed adjustments in the Progress Schedule that will change the Contract Times must be submitted in accordance with the requirements of Article 11.

B. Contractor shall carry on the Work and adhere to the Progress Schedule during all disputes or disagreements with Owner. No Work will be delayed or postponed pending resolution of any disputes or disagreements, or during any appeal process, except as permitted by Paragraph 16.04, or as Owner and Contractor may otherwise agree in writing.

4.05 *Delays in Contractor's Progress*

A. If Owner, Engineer, or anyone for whom Owner is responsible, delays, disrupts, or interferes with the performance or progress of the Work, then Contractor shall be entitled to an equitable adjustment in Contract Price or Contract Times.

B. Contractor shall not be entitled to an adjustment in Contract Price or Contract Times for delay, disruption, or interference caused by or within the control of Contractor. Delay, disruption, and interference attributable to and within the control of a Subcontractor or Supplier shall be deemed to be within the control of Contractor.

C. If Contractor's performance or progress is delayed, disrupted, or interfered with by unanticipated causes not the fault of and beyond the control of Owner, Contractor, and those for which they are responsible, then Contractor shall be entitled to an equitable adjustment in Contract Times. Such an adjustment will be Contractor's sole and exclusive remedy for the delays, disruption, and interference described in this paragraph. Causes of delay, disruption, or interference that may give rise to an adjustment in Contract Times under this paragraph include but are not limited to the following:

1. Severe and unavoidable natural catastrophes such as fires, floods, epidemics, and earthquakes;

~~2. Abnormal weather conditions;~~

3. Acts or failures to act of third-party utility owners or other third-party entities (other than those third-party utility owners or other third-party entities performing other work at or adjacent to the Site as arranged by or under contract with Owner, as contemplated in Article 8); and

4. Acts of war or terrorism.

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D. Contractor's entitlement to an adjustment of Contract Times or Contract Price is limited as follows:

1. Contractor's entitlement to an adjustment of the Contract Times is conditioned on the delay, disruption, or interference adversely affecting an activity on the critical path to completion of the Work, as of the time of the delay, disruption, or interference.

2. Contractor shall not be entitled to an adjustment in Contract Price for any delay, disruption, or interference if such delay is concurrent with a delay, disruption, or interference caused by or within the control of Contractor. Such a concurrent delay by Contractor shall not preclude an adjustment of Contract Times to which Contractor is otherwise entitled.

3. Adjustments of Contract Times or Contract Price are subject to the provisions of Article 11.

E. Each Contractor request or Change Proposal seeking an increase in Contract Times or Contract Price must be supplemented by supporting data that sets forth in detail the following:

1. The circumstances that form the basis for the requested adjustment;

2. The date upon which each cause of delay, disruption, or interference began to affect the progress of the Work;

3. The date upon which each cause of delay, disruption, or interference ceased to affect the progress of the Work;

4. The number of days' increase in Contract Times claimed as a consequence of each such cause of delay, disruption, or interference; and

5. The impact on Contract Price, in accordance with the provisions of Paragraph 11.07.

Contractor shall also furnish such additional supporting documentation as Owner or Engineer may require including, where appropriate, a revised progress schedule indicating all the activities affected by the delay, disruption, or interference, and an explanation of the effect of the delay, disruption, or interference on the critical path to completion of the Work.

F. Delays, disruption, and interference to the performance or progress of the Work resulting from the existence of a differing subsurface or physical condition, an Underground Facility that was not shown or indicated by the Contract Documents, or not shown or indicated with reasonable accuracy, and those resulting from Hazardous Environmental Conditions, are governed by Article 5, together with the provisions of Paragraphs 4.05.D and 4.05.E.

G. Paragraph 8.03 addresses delays, disruption, and interference to the performance or progress of the Work resulting from the performance of certain other work at or adjacent to the Site.

ARTICLE 5—SITE; SUBSURFACE AND PHYSICAL CONDITIONS; HAZARDOUS ENVIRONMENTAL CONDITIONS

5.01 *Availability of Lands*

A. Owner shall furnish the Site. Owner shall notify Contractor in writing of any encumbrances or restrictions not of general application but specifically related to use of the Site with which Contractor must comply in performing the Work.

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B. Upon reasonable written request, Owner shall furnish Contractor with a current statement of record legal title and legal description of the lands upon which permanent improvements are to be made and Owner's interest therein as necessary for giving notice of or filing a mechanic's or construction lien against such lands in accordance with applicable Laws and Regulations.

C. Contractor shall provide for all additional lands and access thereto that may be required for temporary construction facilities or storage of materials and equipment.

5.02 *Use of Site and Other Areas*

A. *Limitation on Use of Site and Other Areas*

1. Contractor shall confine construction equipment, temporary construction facilities, the storage of materials and equipment, and the operations of workers to the Site, adjacent areas that Contractor has arranged to use through construction easements or otherwise, and other adjacent areas permitted by Laws and Regulations, and shall not unreasonably encumber the Site and such other adjacent areas with construction equipment or other materials or equipment. Contractor shall assume full responsibility for (a) damage to the Site; (b) damage to any such other adjacent areas used for Contractor's operations; (c) damage to any other adjacent land or areas, or to improvements, structures, utilities, or similar facilities located at such adjacent lands or areas; and (d) for injuries and losses sustained by the owners or occupants of any such land or areas; provided that such damage or injuries result from the performance of the Work or from other actions or conduct of the Contractor or those for which Contractor is responsible.

2. If a damage or injury claim is made by the owner or occupant of any such land or area because of the performance of the Work, or because of other actions or conduct of the Contractor or those for which Contractor is responsible, Contractor shall (a) take immediate corrective or remedial action as required by Paragraph 7.13, or otherwise; (b) promptly attempt to settle the claim as to all parties through negotiations with such owner or occupant, or otherwise resolve the claim by arbitration or other dispute resolution proceeding, or in a court of competent jurisdiction; and (c) to the fullest extent permitted by Laws and Regulations, indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them, from and against any such claim, and against all costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to any claim or action, legal or equitable, brought by any such owner or occupant against Owner, Engineer, or any other party indemnified hereunder to the extent caused directly or indirectly, in whole or in part by, or based upon, Contractor's performance of the Work, or because of other actions or conduct of the Contractor or those for which Contractor is responsible.

B. *Removal of Debris During Performance of the Work*: During the progress of the Work the Contractor shall keep the Site and other adjacent areas free from accumulations of waste materials, rubbish, and other debris. Removal and disposal of such waste materials, rubbish, and other debris will conform to applicable Laws and Regulations.

C. *Cleaning*: Prior to Substantial Completion of the Work Contractor shall clean the Site and the Work and make it ready for utilization by Owner. At the completion of the Work Contractor shall remove from the Site and adjacent areas all tools, appliances, construction equipment

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and machinery, and surplus materials and shall restore to original condition all property not designated for alteration by the Contract Documents.

D. *Loading of Structures*: Contractor shall not load nor permit any part of any structure to be loaded in any manner that will endanger the structure, nor shall Contractor subject any part of the Work or adjacent structures or land to stresses or pressures that will endanger them.

5.03 *Subsurface and Physical Conditions*

A. *Reports and Drawings*: The Supplementary Conditions identify:

1. Those reports of explorations and tests of subsurface conditions at or adjacent to the Site that contain Technical Data;

2. Those drawings of existing physical conditions at or adjacent to the Site, including those drawings depicting existing surface or subsurface structures at or adjacent to the Site (except Underground Facilities), that contain Technical Data; and

3. Technical Data contained in such reports and drawings.

B. *Underground Facilities*: Underground Facilities are shown or indicated on the Drawings, pursuant to Paragraph 5.05, and not in the drawings referred to in Paragraph 5.03.A. Information and data regarding the presence or location of Underground Facilities are not intended to be categorized, identified, or defined as Technical Data.

C. *Reliance by Contractor on Technical Data*: Contractor may rely upon the accuracy of the Technical Data expressly identified in the Supplementary Conditions with respect to such reports and drawings, but such reports and drawings are not Contract Documents. If no such express identification has been made, then Contractor may rely upon the accuracy of the Technical Data as defined in Paragraph 1.01.A.46.b.

D. *Limitations of Other Data and Documents*: Except for such reliance on Technical Data, Contractor may not rely upon or make any claim against Owner or Engineer, or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors, with respect to:

1. the completeness of such reports and drawings for Contractor's purposes, including, but not limited to, any aspects of the means, methods, techniques, sequences, and procedures of construction to be employed by Contractor, and safety precautions and programs incident thereto;

2. other data, interpretations, opinions, and information contained in such reports or shown or indicated in such drawings;

3. the contents of other Site-related documents made available to Contractor, such as record drawings from other projects at or adjacent to the Site, or Owner's archival documents concerning the Site; or

4. any Contractor interpretation of or conclusion drawn from any Technical Data or any such other data, interpretations, opinions, or information.

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5.04 *Differing Subsurface or Physical Conditions*

A. *Notice by Contractor*: If Contractor believes that any subsurface or physical condition that is uncovered or revealed at the Site:

1. is of such a nature as to establish that any Technical Data on which Contractor is entitled to rely as provided in Paragraph 5.03 is materially inaccurate;

2. is of such a nature as to require a change in the Drawings or Specifications;

3. differs materially from that shown or indicated in the Contract Documents; or

4. is of an unusual nature, and differs materially from conditions ordinarily encountered and generally recognized as inherent in work of the character provided for in the Contract Documents;

then Contractor shall, promptly after becoming aware thereof and before further disturbing the subsurface or physical conditions or performing any Work in connection therewith (except in an emergency as required by Paragraph 7.15), notify Owner and Engineer in writing about such condition **within 15 calendar days of discovery**. Contractor shall not further disturb such condition or perform any Work in connection therewith (except with respect to an emergency) until receipt of a written statement permitting Contractor to do so.

B. *Engineer's Review*: After receipt of written notice as required by the preceding paragraph, Engineer will promptly review the subsurface or physical condition in question; determine whether it is necessary for Owner to obtain additional exploration or tests with respect to the condition; conclude whether the condition falls within any one or more of the differing site condition categories in Paragraph 5.04.A; obtain any pertinent cost or schedule information from Contractor; prepare recommendations to Owner regarding the Contractor's resumption of Work in connection with the subsurface or physical condition in question and the need for any change in the Drawings or Specifications; and advise Owner in writing of Engineer's findings, conclusions, and recommendations.

C. *Owner's Statement to Contractor Regarding Site Condition*: After receipt of Engineer's written findings, conclusions, and recommendations, Owner shall issue a written statement to Contractor (with a copy to Engineer) regarding the subsurface or physical condition in question, addressing the resumption of Work in connection with such condition, indicating whether any change in the Drawings or Specifications will be made, and adopting or rejecting Engineer's written findings, conclusions, and recommendations, in whole or in part.

D. *Early Resumption of Work*: If at any time Engineer determines that Work in connection with the subsurface or physical condition in question may resume prior to completion of Engineer's review or Owner's issuance of its statement to Contractor, because the condition in question has been adequately documented, and analyzed on a preliminary basis, then the Engineer may at its discretion instruct Contractor to resume such Work.

E. *Possible Price and Times Adjustments*

1. Contractor shall be entitled to an equitable adjustment in Contract Price or Contract Times, to the extent that the existence of a differing subsurface or physical condition, or any related delay, disruption, or interference, causes an increase or decrease in

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Contractor's cost of, or time required for, performance of the Work; subject, however, to the following:

a. Such condition must fall within any one or more of the categories described in Paragraph 5.04.A;

b. With respect to Work that is paid for on a unit price basis, any adjustment in Contract Price will be subject to the provisions of Paragraph 13.03; and,

c. Contractor's entitlement to an adjustment of the Contract Times is subject to the provisions of Paragraphs 4.05.D and 4.05.E.

2. Contractor shall not be entitled to any adjustment in the Contract Price or Contract Times with respect to a subsurface or physical condition if:

a. Contractor knew of the existence of such condition at the time Contractor made a commitment to Owner with respect to Contract Price and Contract Times by the submission of a Bid or becoming bound under a negotiated contract, or otherwise;

b. The existence of such condition reasonably could have been discovered or revealed as a result of any examination, investigation, exploration, test, or study of the Site and contiguous areas expressly required by the Bidding Requirements or Contract Documents to be conducted by or for Contractor prior to Contractor's making such commitment; or

c. Contractor failed to give the written notice required by Paragraph 5.04.A.

3. If Owner and Contractor agree regarding Contractor's entitlement to and the amount or extent of any adjustment in the Contract Price or Contract Times, then any such adjustment will be set forth in a Change Order.

4. Contractor may submit a Change Proposal regarding its entitlement to or the amount or extent of any adjustment in the Contract Price or Contract Times, no later than 30 days after Owner's issuance of the Owner's written statement to Contractor regarding the subsurface or physical condition in question.

F. *Underground Facilities; Hazardous Environmental Conditions*: Paragraph 5.05 governs rights and responsibilities regarding the presence or location of Underground Facilities. Paragraph 5.06 governs rights and responsibilities regarding Hazardous Environmental Conditions. The provisions of Paragraphs 5.03 and 5.04 are not applicable to the presence or location of Underground Facilities, or to Hazardous Environmental Conditions.

5.05 *Underground Facilities*

A. *Contractor's Responsibilities*: Unless it is otherwise expressly provided in the Supplementary Conditions, the cost of all of the following are included in the Contract Price, and Contractor shall have full responsibility for:

1. reviewing and checking all information and data regarding existing Underground Facilities at the Site;

2. complying with applicable state and local utility damage prevention Laws and Regulations;

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3. verifying the actual location of those Underground Facilities shown or indicated in the Contract Documents as being within the area affected by the Work, by exposing such Underground Facilities during the course of construction;

4. coordination of the Work with the owners (including Owner) of such Underground Facilities, during construction; and

5. the safety and protection of all existing Underground Facilities at the Site, and repairing any damage thereto resulting from the Work.

B. *Notice by Contractor*: If Contractor believes that an Underground Facility that is uncovered or revealed at the Site was not shown or indicated on the Drawings, or was not shown or indicated on the Drawings with reasonable accuracy, then Contractor shall, promptly after becoming aware thereof and before further disturbing conditions affected thereby or performing any Work in connection therewith (except in an emergency as required by Paragraph 7.15), notify Owner and Engineer in writing regarding such Underground Facility.

C. *Engineer's Review*: Engineer will:

1. promptly review the Underground Facility and conclude whether such Underground Facility was not shown or indicated on the Drawings, or was not shown or indicated with reasonable accuracy;

2. identify and communicate with the owner of the Underground Facility; prepare recommendations to Owner (and if necessary issue any preliminary instructions to Contractor) regarding the Contractor's resumption of Work in connection with the Underground Facility in question;

3. obtain any pertinent cost or schedule information from Contractor; determine the extent, if any, to which a change is required in the Drawings or Specifications to reflect and document the consequences of the existence or location of the Underground Facility; and

4. advise Owner in writing of Engineer's findings, conclusions, and recommendations.

During such time, Contractor shall be responsible for the safety and protection of such Underground Facility.

D. *Owner's Statement to Contractor Regarding Underground Facility*: After receipt of Engineer's written findings, conclusions, and recommendations, Owner shall issue a written statement to Contractor (with a copy to Engineer) regarding the Underground Facility in question addressing the resumption of Work in connection with such Underground Facility, indicating whether any change in the Drawings or Specifications will be made, and adopting or rejecting Engineer's written findings, conclusions, and recommendations in whole or in part.

E. *Early Resumption of Work*: If at any time Engineer determines that Work in connection with the Underground Facility may resume prior to completion of Engineer's review or Owner's issuance of its statement to Contractor, because the Underground Facility in question and conditions affected by its presence have been adequately documented, and analyzed on a preliminary basis, then the Engineer may at its discretion instruct Contractor to resume such Work.

F. *Possible Price and Times Adjustments*

1. Contractor shall be entitled to an equitable adjustment in the Contract Price or Contract Times, to the extent that any existing Underground Facility at the Site that was not shown

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or indicated on the Drawings, or was not shown or indicated with reasonable accuracy, or any related delay, disruption, or interference, causes an increase or decrease in Contractor's cost of, or time required for, performance of the Work; subject, however, to the following:

a. With respect to Work that is paid for on a unit price basis, any adjustment in Contract Price will be subject to the provisions of Paragraph 13.03;

b. Contractor's entitlement to an adjustment of the Contract Times is subject to the provisions of Paragraphs 4.05.D and 4.05.E; and

c. Contractor gave the notice required in Paragraph 5.05.B.

2. If Owner and Contractor agree regarding Contractor's entitlement to and the amount or extent of any adjustment in the Contract Price or Contract Times, then any such adjustment will be set forth in a Change Order.

3. Contractor may submit a Change Proposal regarding its entitlement to or the amount or extent of any adjustment in the Contract Price or Contract Times, no later than 30 days after Owner's issuance of the Owner's written statement to Contractor regarding the Underground Facility in question.

4. The information and data shown or indicated on the Drawings with respect to existing Underground Facilities at the Site is based on information and data (a) furnished by the owners of such Underground Facilities, or by others, (b) obtained from available records, or (c) gathered in an investigation conducted in accordance with the current edition of ASCE 38, Standard Guideline for the Collection and Depiction of Existing Subsurface Utility Data, by the American Society of Civil Engineers. If such information or data is incorrect or incomplete, Contractor's remedies are limited to those set forth in this Paragraph 5.05.F.

5.06 *Hazardous Environmental Conditions at Site*

A. *Reports and Drawings*: The Supplementary Conditions identify:

1. those reports known to Owner relating to Hazardous Environmental Conditions that have been identified at or adjacent to the Site;

2. drawings known to Owner relating to Hazardous Environmental Conditions that have been identified at or adjacent to the Site; and

3. Technical Data contained in such reports and drawings.

B. *Reliance by Contractor on Technical Data Authorized*: Contractor may rely upon the accuracy of the Technical Data expressly identified in the Supplementary Conditions with respect to such reports and drawings, but such reports and drawings are not Contract Documents. If no such express identification has been made, then Contractor may rely on the accuracy of the Technical Data as defined in Paragraph 1.01.A.46.b. Except for such reliance on Technical Data, Contractor may not rely upon or make any claim against Owner or Engineer, or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors, with respect to:

1. the completeness of such reports and drawings for Contractor's purposes, including, but not limited to, any aspects of the means, methods, techniques, sequences and procedures

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of construction to be employed by Contractor, and safety precautions and programs incident thereto;

2. other data, interpretations, opinions, and information contained in such reports or shown or indicated in such drawings; or

3. any Contractor interpretation of or conclusion drawn from any Technical Data or any such other data, interpretations, opinions or information.

C. Contractor shall not be responsible for removing or remediating any Hazardous Environmental Condition encountered, uncovered, or revealed at the Site unless such removal or remediation is expressly identified in the Contract Documents to be within the scope of the Work.

D. Contractor shall be responsible for controlling, containing, and duly removing all Constituents of Concern brought to the Site by Contractor, Subcontractors, Suppliers, or anyone else for whom Contractor is responsible, and for any associated costs; and for the costs of removing and remediating any Hazardous Environmental Condition created by the presence of any such Constituents of Concern.

E. If Contractor encounters, uncovers, or reveals a Hazardous Environmental Condition whose removal or remediation is not expressly identified in the Contract Documents as being within the scope of the Work, or if Contractor or anyone for whom Contractor is responsible creates a Hazardous Environmental Condition, then Contractor shall immediately: (1) secure or otherwise isolate such condition; (2) stop all Work in connection with such condition and in any area affected thereby (except in an emergency as required by Paragraph 7.15); and (3) notify Owner and Engineer (and promptly thereafter confirm such notice in writing). Owner shall promptly consult with Engineer concerning the necessity for Owner to retain a qualified expert to evaluate such condition or take corrective action, if any. Promptly after consulting with Engineer, Owner shall take such actions as are necessary to permit Owner to timely obtain required permits and provide Contractor the written notice required by Paragraph 5.06.F. If Contractor or anyone for whom Contractor is responsible created the Hazardous Environmental Condition in question, then Owner may remove and remediate the Hazardous Environmental Condition, and impose a set-off against payments to account for the associated costs.

F. Contractor shall not resume Work in connection with such Hazardous Environmental Condition or in any affected area until after Owner has obtained any required permits related thereto, and delivered written notice to Contractor either (1) specifying that such condition and any affected area is or has been rendered safe for the resumption of Work, or (2) specifying any special conditions under which such Work may be resumed safely.

G. If Owner and Contractor cannot agree as to entitlement to or on the amount or extent, if any, of any adjustment in Contract Price or Contract Times, as a result of such Work stoppage, such special conditions under which Work is agreed to be resumed by Contractor, or any costs or expenses incurred in response to the Hazardous Environmental Condition, then within 30 days of Owner's written notice regarding the resumption of Work, Contractor may submit a Change Proposal, or Owner may impose a set-off. Entitlement to any such adjustment is subject to the provisions of Paragraphs 4.05.D, 4.05.E, 11.07, and 11.08.

H. If, after receipt of such written notice, Contractor does not agree to resume such Work based on a reasonable belief it is unsafe, or does not agree to resume such Work under such special

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conditions, then Owner may order the portion of the Work that is in the area affected by such condition to be deleted from the Work, following the contractual change procedures in Article 11. Owner may have such deleted portion of the Work performed by Owner's own forces or others in accordance with Article 8.

I. To the fullest extent permitted by Laws and Regulations, Owner shall indemnify and hold harmless Contractor, Subcontractors, and Engineer, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals, and all court, arbitration, or other dispute resolution costs) arising out of or relating to a Hazardous Environmental Condition, provided that such Hazardous Environmental Condition (1) was not shown or indicated in the Drawings, Specifications, or other Contract Documents, identified as Technical Data entitled to limited reliance pursuant to Paragraph 5.06.B, or identified in the Contract Documents to be included within the scope of the Work, and (2) was not created by Contractor or by anyone for whom Contractor is responsible. Nothing in this Paragraph 5.06.I obligates Owner to indemnify any individual or entity from and against the consequences of that individual's or entity's own negligence.

J. To the fullest extent permitted by Laws and Regulations, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to the failure to control, contain, or remove a Constituent of Concern brought to the Site by Contractor or by anyone for whom Contractor is responsible, or to a Hazardous Environmental Condition created by Contractor or by anyone for whom Contractor is responsible. Nothing in this Paragraph 5.06.J obligates Contractor to indemnify any individual or entity from and against the consequences of that individual's or entity's own negligence.

K. The provisions of Paragraphs 5.03, 5.04, and 5.05 do not apply to the presence of Constituents of Concern or to a Hazardous Environmental Condition uncovered or revealed at the Site.

ARTICLE 6—BONDS AND INSURANCE

6.01 *Performance, Payment, and Other Bonds*

A. Contractor shall furnish a performance bond and a payment bond, each in an amount at least equal to the Contract Price, as security for the faithful performance and payment of Contractor's obligations under the Contract. These bonds must remain in effect until one year after the date when final payment becomes due or until completion of the correction period specified in Paragraph 15.08, whichever is later, except as provided otherwise by Laws or Regulations, the terms of a prescribed bond form, the Supplementary Conditions, or other provisions of the Contract.

B. Contractor shall also furnish such other bonds (if any) as are required by the Supplementary Conditions or other provisions of the Contract.

C. All bonds must be in the form included in the Bidding Documents or otherwise specified by Owner prior to execution of the Contract, except as provided otherwise by Laws or

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Regulations, and must be issued and signed by a surety named in "Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies" as published in Department Circular 570 (as amended and supplemented) by the Bureau of the Fiscal Service, U.S. Department of the Treasury. A bond signed by an agent or attorney-in-fact must be accompanied by a certified copy of that individual's authority to bind the surety. The evidence of authority must show that it is effective on the date the agent or attorney-in-fact signed the accompanying bond.

D. Contractor shall obtain the required bonds from surety companies that are duly licensed or authorized, in the state or jurisdiction in which the Project is located, to issue bonds in the required amounts.

E. If the surety on a bond furnished by Contractor is declared bankrupt or becomes insolvent, or the surety ceases to meet the requirements above, then Contractor shall promptly notify Owner and Engineer in writing and shall, within 20 days after the event giving rise to such notification, provide another bond and surety, both of which must comply with the bond and surety requirements above.

F. If Contractor has failed to obtain a required bond, Owner may exclude the Contractor from the Site and exercise Owner's termination rights under Article 16.

G. Upon request to Owner from any Subcontractor, Supplier, or other person or entity claiming to have furnished labor, services, materials, or equipment used in the performance of the Work, Owner shall provide a copy of the payment bond to such person or entity.

H. Upon request to Contractor from any Subcontractor, Supplier, or other person or entity claiming to have furnished labor, services, materials, or equipment used in the performance of the Work, Contractor shall provide a copy of the payment bond to such person or entity.

6.02 *Insurance—General Provisions*

A. Owner and Contractor shall obtain and maintain insurance as required in this article and in the Supplementary Conditions.

B. All insurance required by the Contract to be purchased and maintained by Owner or Contractor shall be obtained from insurance companies that are duly licensed or authorized in the state or jurisdiction in which the Project is located to issue insurance policies for the required limits and coverages. Unless a different standard is indicated in the Supplementary Conditions, all companies that provide insurance policies required under this Contract shall have an A.M. Best rating of A-VII or better.

C. Alternative forms of insurance coverage, including but not limited to self-insurance and "Occupational Accident and Excess Employer's Indemnity Policies," are not sufficient to meet the insurance requirements of this Contract, unless expressly allowed in the Supplementary Conditions.

D. Contractor shall deliver to Owner, with copies to each additional insured identified in the Contract, certificates of insurance and endorsements establishing that Contractor has obtained and is maintaining the policies and coverages required by the Contract. Upon request by Owner or any other insured, Contractor shall also furnish other evidence of such required insurance, including but not limited to copies of policies, documentation of applicable self-insured retentions (if allowed) and deductibles, full disclosure of all relevant exclusions, and evidence of insurance required to be purchased and maintained by

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Subcontractors or Suppliers. In any documentation furnished under this provision, Contractor, Subcontractors, and Suppliers may block out (redact) (1) any confidential premium or pricing information and (2) any wording specific to a project or jurisdiction other than those applicable to this Contract.

E. Owner shall deliver to Contractor, with copies to each additional insured identified in the Contract, certificates of insurance and endorsements establishing that Owner has obtained and is maintaining the policies and coverages required of Owner by the Contract (if any). Upon request by Contractor or any other insured, Owner shall also provide other evidence of such required insurance (if any), including but not limited to copies of policies, documentation of applicable self-insured retentions (if allowed) and deductibles, and full disclosure of all relevant exclusions. In any documentation furnished under this provision, Owner may block out (redact) (1) any confidential premium or pricing information and (2) any wording specific to a project or jurisdiction other than those relevant to this Contract.

F. Failure of Owner or Contractor to demand such certificates or other evidence of the other party's full compliance with these insurance requirements, or failure of Owner or Contractor to identify a deficiency in compliance from the evidence provided, will not be construed as a waiver of the other party's obligation to obtain and maintain such insurance.

G. In addition to the liability insurance required to be provided by Contractor, the Owner, at Owner's option, may purchase and maintain Owner's own liability insurance. Owner's liability policies, if any, operate separately and independently from policies required to be provided by Contractor, and Contractor cannot rely upon Owner's liability policies for any of Contractor's obligations to the Owner, Engineer, or third parties.

H. Contractor shall require:

1. Subcontractors to purchase and maintain worker's compensation, commercial general liability, and other insurance that is appropriate for their participation in the Project, and to name as additional insureds Owner and Engineer (and any other individuals or entities identified in the Supplementary Conditions as additional insureds on Contractor's liability policies) on each Subcontractor's commercial general liability insurance policy; and

2. Suppliers to purchase and maintain insurance that is appropriate for their participation in the Project.

I. If either party does not purchase or maintain the insurance required of such party by the Contract, such party shall notify the other party in writing of such failure to purchase prior to the start of the Work, or of such failure to maintain prior to any change in the required coverage.

J. If Contractor has failed to obtain and maintain required insurance, Contractor's entitlement to enter or remain at the Site will end immediately, and Owner may impose an appropriate set-off against payment for any associated costs (including but not limited to the cost of purchasing necessary insurance coverage), and exercise Owner's termination rights under Article 16.

K. Without prejudice to any other right or remedy, if a party has failed to obtain required insurance, the other party may elect (but is in no way obligated) to obtain equivalent insurance to protect such other party's interests at the expense of the party who was required to provide such coverage, and the Contract Price will be adjusted accordingly.

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L. Owner does not represent that insurance coverage and limits established in this Contract necessarily will be adequate to protect Contractor or Contractor's interests. Contractor is responsible for determining whether such coverage and limits are adequate to protect its interests, and for obtaining and maintaining any additional insurance that Contractor deems necessary.

M. The insurance and insurance limits required herein will not be deemed as a limitation on Contractor's liability, or that of its Subcontractors or Suppliers, under the indemnities granted to Owner and other individuals and entities in the Contract or otherwise.

N. All the policies of insurance required to be purchased and maintained under this Contract will contain a provision or endorsement that the coverage afforded will not be canceled, or renewal refused, until at least 10 days prior written notice has been given to the purchasing policyholder. Within three days of receipt of any such written notice, the purchasing policyholder shall provide a copy of the notice to each other insured and Engineer.

6.03 *Contractor's Insurance*

A. *Required Insurance*: Contractor shall purchase and maintain Worker's Compensation, Commercial General Liability, and other insurance pursuant to the specific requirements of the Supplementary Conditions.

B. *General Provisions*: The policies of insurance required by this Paragraph 6.03 as supplemented must:

1. include at least the specific coverages required;

2. be written for not less than the limits provided, or those required by Laws or Regulations, whichever is greater;

3. remain in effect at least until the Work is complete (as set forth in Paragraph 15.06.D), and longer if expressly required elsewhere in this Contract, and at all times thereafter when Contractor may be correcting, removing, or replacing defective Work as a warranty or correction obligation, or otherwise, or returning to the Site to conduct other tasks arising from the Contract;

4. apply with respect to the performance of the Work, whether such performance is by Contractor, any Subcontractor or Supplier, or by anyone directly or indirectly employed by any of them to perform any of the Work, or by anyone for whose acts any of them may be liable; and

5. include all necessary endorsements to support the stated requirements.

C. *Additional Insureds*: The Contractor's commercial general liability, automobile liability, employer's liability, umbrella or excess, pollution liability, and unmanned aerial vehicle liability policies, if required by this Contract, must:

1. include and list as additional insureds Owner and Engineer, and any individuals or entities identified as additional insureds in the Supplementary Conditions;

2. include coverage for the respective officers, directors, members, partners, employees, and consultants of all such additional insureds;

3. afford primary coverage to these additional insureds for all claims covered thereby (including as applicable those arising from both ongoing and completed operations);

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4. not seek contribution from insurance maintained by the additional insured; and

5. as to commercial general liability insurance, apply to additional insureds with respect to liability caused in whole or in part by Contractor's acts or omissions, or the acts and omissions of those working on Contractor's behalf, in the performance of Contractor's operations.

6.04 *Builder's Risk and Other Property Insurance*

A. *Builder's Risk*: Unless otherwise provided in the Supplementary Conditions, Contractor shall purchase and maintain builder's risk insurance upon the Work on a completed value basis, in the amount of the Work's full insurable replacement cost (subject to such deductible amounts as may be provided in the Supplementary Conditions or required by Laws and Regulations). The specific requirements applicable to the builder's risk insurance are set forth in the Supplementary Conditions.

B. *Property Insurance for Facilities of Owner Where Work Will Occur*: Owner is responsible for obtaining and maintaining property insurance covering each existing structure, building, or facility in which any part of the Work will occur, or to which any part of the Work will attach or be adjoined. Such property insurance will be written on a special perils (all-risk) form, on a replacement cost basis, providing coverage consistent with that required for the builder's risk insurance, and will be maintained until the Work is complete, as set forth in Paragraph 15.06.D.

C. *Property Insurance for Substantially Complete Facilities*: Promptly after Substantial Completion, and before actual occupancy or use of the substantially completed Work, Owner will obtain property insurance for such substantially completed Work, and maintain such property insurance at least until the Work is complete, as set forth in Paragraph 15.06.D. Such property insurance will be written on a special perils (all-risk) form, on a replacement cost basis, and provide coverage consistent with that required for the builder's risk insurance. The builder's risk insurance may terminate upon written confirmation of Owner's procurement of such property insurance.

D. *Partial Occupancy or Use by Owner*: If Owner will occupy or use a portion or portions of the Work prior to Substantial Completion of all the Work, as provided in Paragraph 15.04, then Owner (directly, if it is the purchaser of the builder's risk policy, or through Contractor) will provide advance notice of such occupancy or use to the builder's risk insurer, and obtain an endorsement consenting to the continuation of coverage prior to commencing such partial occupancy or use.

E. *Insurance of Other Property; Additional Insurance*: If the express insurance provisions of the Contract do not require or address the insurance of a property item or interest, then the entity or individual owning such property item will be responsible for insuring it. If Contractor elects to obtain other special insurance to be included in or supplement the builder's risk or property insurance policies provided under this Paragraph 6.04, it may do so at Contractor's expense.

6.05 *Property Losses; Subrogation*

A. The builder's risk insurance policy purchased and maintained in accordance with Paragraph 6.04 (or an installation floater policy if authorized by the Supplementary Conditions), will contain provisions to the effect that in the event of payment of any loss or damage the insurer will have no rights of recovery against any insureds thereunder, or against

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Engineer or its consultants, or their officers, directors, members, partners, employees, agents, consultants, or subcontractors.

1. Owner and Contractor waive all rights against each other and the respective officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, for all losses and damages caused by, arising out of, or resulting from any of the perils, risks, or causes of loss covered by such policies and any other property insurance applicable to the Work; and, in addition, waive all such rights against Engineer, its consultants, all individuals or entities identified in the Supplementary Conditions as builder's risk or installation floater insureds, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, under such policies for losses and damages so caused.
2. None of the above waivers extends to the rights that any party making such waiver may have to the proceeds of insurance held by Owner or Contractor as trustee or fiduciary, or otherwise payable under any policy so issued.

B. Any property insurance policy maintained by Owner covering any loss, damage, or consequential loss to Owner's existing structures, buildings, or facilities in which any part of the Work will occur, or to which any part of the Work will attach or adjoin; to adjacent structures, buildings, or facilities of Owner; or to part or all of the completed or substantially completed Work, during partial occupancy or use pursuant to Paragraph 15.04, after Substantial Completion pursuant to Paragraph 15.03, or after final payment pursuant to Paragraph 15.06, will contain provisions to the effect that in the event of payment of any loss or damage the insurer will have no rights of recovery against any insureds thereunder, or against Contractor, Subcontractors, or Engineer, or the officers, directors, members, partners, employees, agents, consultants, or subcontractors of each and any of them, and that the insured is allowed to waive the insurer's rights of subrogation in a written contract executed prior to the loss, damage, or consequential loss.

1. Owner waives all rights against Contractor, Subcontractors, and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them, for all losses and damages caused by, arising out of, or resulting from fire or any of the perils, risks, or causes of loss covered by such policies.

C. The waivers in this Paragraph 6.05 include the waiver of rights due to business interruption, loss of use, or other consequential loss extending beyond direct physical loss or damage to Owner's property or the Work caused by, arising out of, or resulting from fire or other insured peril, risk, or cause of loss.

D. Contractor shall be responsible for assuring that each Subcontract contains provisions whereby the Subcontractor waives all rights against Owner, Contractor, all individuals or entities identified in the Supplementary Conditions as insureds, the Engineer and its consultants, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, for all losses and damages caused by, arising out of, relating to, or resulting from fire or other peril, risk, or cause of loss covered by builder's risk insurance, installation floater, and any other property insurance applicable to the Work.

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6.06 *Receipt and Application of Property Insurance Proceeds*

A. Any insured loss under the builder's risk and other policies of property insurance required by Paragraph 6.04 will be adjusted and settled with the named insured that purchased the policy. Such named insured shall act as fiduciary for the other insureds, and give notice to such other insureds that adjustment and settlement of a claim is in progress. Any other insured may state its position regarding a claim for insured loss in writing within 15 days after notice of such claim.

B. Proceeds for such insured losses may be made payable by the insurer either jointly to multiple insureds, or to the named insured that purchased the policy in its own right and as fiduciary for other insureds, subject to the requirements of any applicable mortgage clause. A named insured receiving insurance proceeds under the builder's risk and other policies of insurance required by Paragraph 6.04 shall maintain such proceeds in a segregated account, and distribute such proceeds in accordance with such agreement as the parties in interest may reach, or as otherwise required under the dispute resolution provisions of this Contract or applicable Laws and Regulations.

C. If no other special agreement is reached, Contractor shall repair or replace the damaged Work, using allocated insurance proceeds.

ARTICLE 7—CONTRACTOR'S RESPONSIBILITIES

7.01 *Contractor's Means and Methods of Construction*

A. Contractor shall be solely responsible for the means, methods, techniques, sequences, and procedures of construction.

B. If the Contract Documents note, or Contractor determines, that professional engineering or other design services are needed to carry out Contractor's responsibilities for construction means, methods, techniques, sequences, and procedures, or for Site safety, then Contractor shall cause such services to be provided by a properly licensed design professional, at Contractor's expense. Such services are not Owner-delegated professional design services under this Contract, and neither Owner nor Engineer has any responsibility with respect to (1) Contractor's determination of the need for such services, (2) the qualifications or licensing of the design professionals retained or employed by Contractor, (3) the performance of such services, or (4) any errors, omissions, or defects in such services.

7.02 *Supervision and Superintendence*

A. Contractor shall supervise, inspect, and direct the Work competently and efficiently, devoting such attention thereto and applying such skills and expertise as may be necessary to perform the Work in accordance with the Contract Documents.

B. At all times during the progress of the Work, Contractor shall assign a competent resident superintendent who will not be replaced without written notice to Owner and Engineer except under extraordinary circumstances.

7.03 *Labor; Working Hours*

A. Contractor shall provide competent, suitably qualified personnel to survey and lay out the Work and perform construction as required by the Contract Documents. Contractor shall maintain good discipline and order at the Site.

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B. Contractor shall be fully responsible to Owner and Engineer for all acts and omissions of Contractor's employees; of Suppliers and Subcontractors, and their employees; and of any other individuals or entities performing or furnishing any of the Work, just as Contractor is responsible for Contractor's own acts and omissions.

C. Except as otherwise required for the safety or protection of persons or the Work or property at the Site or adjacent thereto, and except as otherwise stated in the Contract Documents, all Work at the Site will be performed during regular working hours, Monday through Friday. Contractor will not perform Work on a Saturday, Sunday, or any legal holiday. Contractor may perform Work outside regular working hours or on Saturdays, Sundays, or legal holidays only with Owner's written consent, which will not be unreasonably withheld.

7.04 *Services, Materials, and Equipment*

A. Unless otherwise specified in the Contract Documents, Contractor shall provide and assume full responsibility for all services, materials, equipment, labor, transportation, construction equipment and machinery, tools, appliances, fuel, power, light, heat, telephone, water, sanitary facilities, temporary facilities, and all other facilities and incidentals necessary for the performance, testing, start up, and completion of the Work, whether or not such items are specifically called for in the Contract Documents.

B. All materials and equipment incorporated into the Work must be new and of good quality, except as otherwise provided in the Contract Documents. All special warranties and guarantees required by the Specifications will expressly run to the benefit of Owner. If required by Engineer, Contractor shall furnish satisfactory evidence (including reports of required tests) as to the source, kind, and quality of materials and equipment.

C. All materials and equipment must be stored, applied, installed, connected, erected, protected, used, cleaned, and conditioned in accordance with instructions of the applicable Supplier, except as otherwise may be provided in the Contract Documents.

7.05 *"Or Equals"*

A. *Contractor's Request; Governing Criteria*: Whenever an item of equipment or material is specified or described in the Contract Documents by using the names of one or more proprietary items or specific Suppliers, the Contract Price has been based upon Contractor furnishing such item as specified. The specification or description of such an item is intended to establish the type, function, appearance, and quality required. Unless the specification or description contains or is followed by words reading that no like, equivalent, or "or equal" item is permitted, Contractor may request that Engineer authorize the use of other items of equipment or material, or items from other proposed Suppliers, under the circumstances described below.

1. If Engineer in its sole discretion determines that an item of equipment or material proposed by Contractor is functionally equal to that named and sufficiently similar so that no change in related Work will be required, Engineer will deem it an "or equal" item. For the purposes of this paragraph, a proposed item of equipment or material will be considered functionally equal to an item so named if:

a. in the exercise of reasonable judgment Engineer determines that the proposed item:

1) is at least equal in materials of construction, quality, durability, appearance, strength, and design characteristics;

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2) will reliably perform at least equally well the function and achieve the results imposed by the design concept of the completed Project as a functioning whole;

3) has a proven record of performance and availability of responsive service; and

4) is not objectionable to Owner.

b. Contractor certifies that, if the proposed item is approved and incorporated into the Work:

1) there will be no increase in cost to the Owner or increase in Contract Times; and

2) the item will conform substantially to the detailed requirements of the item named in the Contract Documents.

B. *Contractor's Expense*: Contractor shall provide all data in support of any proposed "or equal" item at Contractor's expense.

C. *Engineer's Evaluation and Determination*: Engineer will be allowed a reasonable time to evaluate each "or-equal" request. Engineer may require Contractor to furnish additional data about the proposed "or-equal" item. Engineer will be the sole judge of acceptability. No "or-equal" item will be ordered, furnished, installed, or utilized until Engineer's review is complete and Engineer determines that the proposed item is an "or-equal," which will be evidenced by an approved Shop Drawing or other written communication. Engineer will advise Contractor in writing of any negative determination.

D. *Effect of Engineer's Determination*: Neither approval nor denial of an "or-equal" request will result in any change in Contract Price. The Engineer's denial of an "or-equal" request will be final and binding, and may not be reversed through an appeal under any provision of the Contract.

E. *Treatment as a Substitution Request*: If Engineer determines that an item of equipment or material proposed by Contractor does not qualify as an "or-equal" item, Contractor may request that Engineer consider the item a proposed substitute pursuant to Paragraph 7.06.

7.06 *Substitutes*

A. *Contractor's Request; Governing Criteria*: Unless the specification or description of an item of equipment or material required to be furnished under the Contract Documents contains or is followed by words reading that no substitution is permitted, Contractor may request that Engineer authorize the use of other items of equipment or material under the circumstances described below. To the extent possible such requests must be made before commencement of related construction at the Site.

1. Contractor shall submit sufficient information as provided below to allow Engineer to determine if the item of material or equipment proposed is functionally equivalent to that named and an acceptable substitute therefor. Engineer will not accept requests for review of proposed substitute items of equipment or material from anyone other than Contractor.

2. The requirements for review by Engineer will be as set forth in Paragraph 7.06.B, as supplemented by the Specifications, and as Engineer may decide is appropriate under the circumstances.

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3. Contractor shall make written application to Engineer for review of a proposed substitute item of equipment or material that Contractor seeks to furnish or use. The application:

   a. will certify that the proposed substitute item will:

      1) perform adequately the functions and achieve the results called for by the general design;

      2) be similar in substance to the item specified; and

      3) be suited to the same use as the item specified.

   b. will state:

      1) the extent, if any, to which the use of the proposed substitute item will necessitate a change in Contract Times;

      2) whether use of the proposed substitute item in the Work will require a change in any of the Contract Documents (or in the provisions of any other direct contract with Owner for other work on the Project) to adapt the design to the proposed substitute item; and

      3) whether incorporation or use of the proposed substitute item in connection with the Work is subject to payment of any license fee or royalty.

   c. will identify:

      1) all variations of the proposed substitute item from the item specified; and

      2) available engineering, sales, maintenance, repair, and replacement services.

   d. will contain an itemized estimate of all costs or credits that will result directly or indirectly from use of such substitute item, including but not limited to changes in Contract Price, shared savings, costs of redesign, and claims of other contractors affected by any resulting change.

B. *Engineer's Evaluation and Determination*: Engineer will be allowed a reasonable time to evaluate each substitute request, and to obtain comments and direction from Owner. Engineer may require Contractor to furnish additional data about the proposed substitute item. Engineer will be the sole judge of acceptability. No substitute will be ordered, furnished, installed, or utilized until Engineer's review is complete and Engineer determines that the proposed item is an acceptable substitute. Engineer's determination will be evidenced by a Field Order or a proposed Change Order accounting for the substitution itself and all related impacts, including changes in Contract Price or Contract Times. Engineer will advise Contractor in writing of any negative determination.

C. *Special Guarantee*: Owner may require Contractor to furnish at Contractor's expense a special performance guarantee or other surety with respect to any substitute.

D. **Deleted.**

E. *Contractor's Expense*: Contractor shall provide all data in support of any proposed substitute at Contractor's expense.

F. *Effect of Engineer's Determination*: If Engineer approves the substitution request, Contractor shall execute the proposed Change Order and proceed with the substitution. The Engineer's denial of a substitution request will be final and binding, and may not be reversed through an

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appeal under any provision of the Contract. Contractor may challenge the scope of reimbursement costs imposed under Paragraph 7.06.D, by timely submittal of a Change Proposal.

7.07 *Concerning Subcontractors and Suppliers*

A. Contractor may retain Subcontractors and Suppliers for the performance of parts of the Work. Such Subcontractors and Suppliers must be acceptable to Owner. The Contractor's retention of a Subcontractor or Supplier for the performance of parts of the Work will not relieve Contractor's obligation to Owner to perform and complete the Work in accordance with the Contract Documents.

B. **Deleted.**

C. Subsequent to the submittal of Contractor's Bid or final negotiation of the terms of the Contract, Owner may not require Contractor to retain any Subcontractor or Supplier to furnish or perform any of the Work against which Contractor has reasonable objection.

D. Prior to entry into any binding subcontract or purchase order, Contractor shall submit to Owner the identity of the proposed Subcontractor or Supplier (unless Owner has already deemed such proposed Subcontractor or Supplier acceptable during the bidding process or otherwise). Such proposed Subcontractor or Supplier shall be deemed acceptable to Owner unless Owner raises a substantive, reasonable objection within 5 days.

E. Owner may require the replacement of any Subcontractor or Supplier. Owner also may require Contractor to retain specific replacements; provided, however, that Owner may not require a replacement to which Contractor has a reasonable objection. If Contractor has submitted the identity of certain Subcontractors or Suppliers for acceptance by Owner, and Owner has accepted it (either in writing or by failing to make written objection thereto), then Owner may subsequently revoke the acceptance of any such Subcontractor or Supplier so identified solely on the basis of substantive, reasonable objection after due investigation. Contractor shall submit an acceptable replacement for the rejected Subcontractor or Supplier.

F. If Owner requires the replacement of any Subcontractor or Supplier retained by Contractor to perform any part of the Work, then Contractor shall be entitled to an adjustment in Contract Price or Contract Times, with respect to the replacement; and Contractor shall initiate a Change Proposal for such adjustment within 30 days of Owner's requirement of replacement.

G. No acceptance by Owner of any such Subcontractor or Supplier, whether initially or as a replacement, will constitute a waiver of the right of Owner to the completion of the Work in accordance with the Contract Documents.

H. On a monthly basis, Contractor shall submit to Engineer a complete list of all Subcontractors and Suppliers having a direct contract with Contractor, and of all other Subcontractors and Suppliers known to Contractor at the time of submittal.

I. Contractor shall be solely responsible for scheduling and coordinating the work of Subcontractors and Suppliers.

J. The divisions and sections of the Specifications and the identifications of any Drawings do not control Contractor in dividing the Work among Subcontractors or Suppliers, or in delineating the Work to be performed by any specific trade.

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K. All Work performed for Contractor by a Subcontractor or Supplier must be pursuant to an appropriate contractual agreement that specifically binds the Subcontractor or Supplier to the applicable terms and conditions of the Contract for the benefit of Owner and Engineer.

L. Owner may furnish to any Subcontractor or Supplier, to the extent practicable, information about amounts paid to Contractor for Work performed for Contractor by the Subcontractor or Supplier.

M. Contractor shall restrict all Subcontractors and Suppliers from communicating with Engineer or Owner, except through Contractor or in case of an emergency, or as otherwise expressly allowed in this Contract.

7.08 *Patent Fees and Royalties*

A. Contractor shall pay all license fees and royalties and assume all costs incident to the use in the performance of the Work or the incorporation in the Work of any invention, design, process, product, or device which is the subject of patent rights or copyrights held by others. If an invention, design, process, product, or device is specified in the Contract Documents for use in the performance of the Work and if, to the actual knowledge of Owner or Engineer, its use is subject to patent rights or copyrights calling for the payment of any license fee or royalty to others, the existence of such rights will be disclosed in the Contract Documents.

B. To the fullest extent permitted by Laws and Regulations, Owner shall indemnify and hold harmless Contractor, and its officers, directors, members, partners, employees, agents, consultants, and subcontractors, from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals, and all court or arbitration or other dispute resolution costs) arising out of or relating to any infringement of patent rights or copyrights incident to the use in the performance of the Work or resulting from the incorporation in the Work of any invention, design, process, product, or device specified in the Contract Documents, but not identified as being subject to payment of any license fee or royalty to others required by patent rights or copyrights.

C. To the fullest extent permitted by Laws and Regulations, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them, from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to any infringement of patent rights or copyrights incident to the use in the performance of the Work or resulting from the incorporation in the Work of any invention, design, process, product, or device not specified in the Contract Documents.

7.09 *Permits*

A. Unless otherwise provided in the Contract Documents, Contractor shall obtain and pay for all construction permits, licenses, and certificates of occupancy. Owner shall assist Contractor, when necessary, in obtaining such permits and licenses. Contractor shall pay all governmental charges and inspection fees necessary for the prosecution of the Work which are applicable at the time of the submission of Contractor's Bid (or when Contractor became bound under a negotiated contract). Owner shall pay all charges of utility owners for connections for providing permanent service to the Work.

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7.10 *Taxes*

A. Contractor shall pay all sales, consumer, use, and other similar taxes required to be paid by Contractor in accordance with the Laws and Regulations of the place of the Project which are applicable during the performance of the Work.

7.11 *Laws and Regulations*

A. Contractor shall give all notices required by and shall comply with all Laws and Regulations applicable to the performance of the Work. Neither Owner nor Engineer shall be responsible for monitoring Contractor's compliance with any Laws or Regulations.

B. If Contractor performs any Work or takes any other action knowing or having reason to know that it is contrary to Laws or Regulations, Contractor shall bear all resulting costs and losses, and shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such Work or other action. It is not Contractor's responsibility to make certain that the Work described in the Contract Documents is in accordance with Laws and Regulations, but this does not relieve Contractor of its obligations under Paragraph 3.03.

C. Owner or Contractor may give written notice to the other party of any changes after the submission of Contractor's Bid (or after the date when Contractor became bound under a negotiated contract) in Laws or Regulations having an effect on the cost or time of performance of the Work, including but not limited to changes in Laws or Regulations having an effect on procuring permits and on sales, use, value-added, consumption, and other similar taxes. If Owner and Contractor are unable to agree on entitlement to or on the amount or extent, if any, of any adjustment in Contract Price or Contract Times resulting from such changes, then within 30 days of such written notice Contractor may submit a Change Proposal, or Owner may initiate a Claim.

7.12 *Record Documents*

A. Contractor shall maintain in a safe place at the Site one printed record copy of all Drawings, Specifications, Addenda, Change Orders, Work Change Directives, Field Orders, written interpretations and clarifications, and approved Shop Drawings. Contractor shall keep such record documents in good order and annotate them to show changes made during construction. These record documents, together with all approved Samples, will be available to Engineer for reference. Upon completion of the Work, Contractor shall deliver these record documents to Engineer.

7.13 *Safety and Protection*

A. Contractor shall be solely responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the Work. Such responsibility does not relieve Subcontractors of their responsibility for the safety of persons or property in the performance of their work, nor for compliance with applicable safety Laws and Regulations.

B. Contractor shall designate a qualified and experienced safety representative whose duties and responsibilities are the prevention of Work-related accidents and the maintenance and supervision of safety precautions and programs.

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C. Contractor shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury, or loss to:

1. all persons on the Site or who may be affected by the Work;

2. all the Work and materials and equipment to be incorporated therein, whether in storage on or off the Site; and

3. other property at the Site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures, other work in progress, utilities, and Underground Facilities not designated for removal, relocation, or replacement in the course of construction.

D. All damage, injury, or loss to any property referred to in Paragraph 7.13.C.2 or 7.13.C.3 caused, directly or indirectly, in whole or in part, by Contractor, any Subcontractor, Supplier, or any other individual or entity directly or indirectly employed by any of them to perform any of the Work, or anyone for whose acts any of them may be liable, shall be remedied by Contractor at its expense (except damage or loss attributable to the fault of Drawings or Specifications or to the acts or omissions of Owner or Engineer or anyone employed by any of them, or anyone for whose acts any of them may be liable, and not attributable, directly or indirectly, in whole or in part, to the fault or negligence of Contractor or any Subcontractor, Supplier, or other individual or entity directly or indirectly employed by any of them).

E. Contractor shall comply with all applicable Laws and Regulations relating to the safety of persons or property, or to the protection of persons or property from damage, injury, or loss; and shall erect and maintain all necessary safeguards for such safety and protection.

F. Contractor shall notify Owner; the owners of adjacent property; the owners of Underground Facilities and other utilities (if the identity of such owners is known to Contractor); and other contractors and utility owners performing work at or adjacent to the Site, in writing, when Contractor knows that prosecution of the Work may affect them, and shall cooperate with them in the protection, removal, relocation, and replacement of their property or work in progress.

G. Contractor shall comply with the applicable requirements of Owner's safety programs, if any. Any Owner's safety programs that are applicable to the Work are identified or included in the Supplementary Conditions or Specifications.

H. Contractor shall inform Owner and Engineer of the specific requirements of Contractor's safety program with which Owner's and Engineer's employees and representatives must comply while at the Site.

I. Contractor's duties and responsibilities for safety and protection will continue until all the Work is completed, Engineer has issued a written notice to Owner and Contractor in accordance with Paragraph 15.06.C that the Work is acceptable, and Contractor has left the Site (except as otherwise expressly provided in connection with Substantial Completion).

J. Contractor's duties and responsibilities for safety and protection will resume whenever Contractor or any Subcontractor or Supplier returns to the Site to fulfill warranty or correction obligations, or to conduct other tasks arising from the Contract Documents.

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7.14 *Hazard Communication Programs*

A. Contractor shall be responsible for coordinating any exchange of safety data sheets (formerly known as material safety data sheets) or other hazard communication information required to be made available to or exchanged between or among employers at the Site in accordance with Laws or Regulations.

7.15 *Emergencies*

A. In emergencies affecting the safety or protection of persons or the Work or property at the Site or adjacent thereto, Contractor is obligated to act to prevent damage, injury, or loss. Contractor shall give Engineer prompt written notice if Contractor believes that any significant changes in the Work or variations from the Contract Documents have been caused by an emergency, or are required as a result of Contractor's response to an emergency. If Engineer determines that a change in the Contract Documents is required because of an emergency or Contractor's response, a Work Change Directive or Change Order will be issued.

7.16 *Submittals*

A. *Shop Drawing and Sample Requirements*

1. Before submitting a Shop Drawing or Sample, Contractor shall:

a. review and coordinate the Shop Drawing or Sample with other Shop Drawings and Samples and with the requirements of the Work and the Contract Documents;

b. determine and verify:

1) all field measurements, quantities, dimensions, specified performance and design criteria, installation requirements, materials, catalog numbers, and similar information with respect to the Submittal;

2) the suitability of all materials and equipment offered with respect to the indicated application, fabrication, shipping, handling, storage, assembly, and installation pertaining to the performance of the Work; and

3) all information relative to Contractor's responsibilities for means, methods, techniques, sequences, and procedures of construction, and safety precautions and programs incident thereto;

c. confirm that the Submittal is complete with respect to all related data included in the Submittal.

2. Each Shop Drawing or Sample must bear a stamp or specific written certification that Contractor has satisfied Contractor's obligations under the Contract Documents with respect to Contractor's review of that Submittal, and that Contractor approves the Submittal.

3. With each Shop Drawing or Sample, Contractor shall give Engineer specific written notice of any variations that the Submittal may have from the requirements of the Contract Documents. This notice must be set forth in a written communication separate from the Submittal; and, in addition, in the case of a Shop Drawing by a specific notation made on the Shop Drawing itself.

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B. *Submittal Procedures for Shop Drawings and Samples*: Contractor shall label and submit Shop Drawings and Samples to Engineer for review and approval in accordance with the accepted Schedule of Submittals.

1. *Shop Drawings*

    a. Contractor shall submit the number of copies required in the Specifications.

    b. Data shown on the Shop Drawings must be complete with respect to quantities, dimensions, specified performance and design criteria, materials, and similar data to show Engineer the services, materials, and equipment Contractor proposes to provide, and to enable Engineer to review the information for the limited purposes required by Paragraph 7.16.C.

2. *Samples*

    a. Contractor shall submit the number of Samples required in the Specifications.

    b. Contractor shall clearly identify each Sample as to material, Supplier, pertinent data such as catalog numbers, the use for which intended and other data as Engineer may require to enable Engineer to review the Submittal for the limited purposes required by Paragraph 7.16.C.

3. Where a Shop Drawing or Sample is required by the Contract Documents or the Schedule of Submittals, any related Work performed prior to Engineer's review and approval of the pertinent submittal will be at the sole expense and responsibility of Contractor.

C. *Engineer's Review of Shop Drawings and Samples*

1. Engineer will provide timely review of Shop Drawings and Samples in accordance with the accepted Schedule of Submittals. Engineer's review and approval will be only to determine if the items covered by the Submittals will, after installation or incorporation in the Work, comply with the requirements of the Contract Documents, and be compatible with the design concept of the completed Project as a functioning whole as indicated by the Contract Documents.

2. Engineer's review and approval will not extend to means, methods, techniques, sequences, or procedures of construction, or to safety precautions or programs incident thereto.

3. Engineer's review and approval of a separate item as such will not indicate approval of the assembly in which the item functions.

4. Engineer's review and approval of a Shop Drawing or Sample will not relieve Contractor from responsibility for any variation from the requirements of the Contract Documents unless Contractor has complied with the requirements of Paragraph 7.16.A.3 and Engineer has given written approval of each such variation by specific written notation thereof incorporated in or accompanying the Shop Drawing or Sample. Engineer will document any such approved variation from the requirements of the Contract Documents in a Field Order or other appropriate Contract modification.

5. Engineer's review and approval of a Shop Drawing or Sample will not relieve Contractor from responsibility for complying with the requirements of Paragraphs 7.16.A and B.

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6. Engineer's review and approval of a Shop Drawing or Sample, or of a variation from the requirements of the Contract Documents, will not, under any circumstances, change the Contract Times or Contract Price, unless such changes are included in a Change Order.

7. Neither Engineer's receipt, review, acceptance, or approval of a Shop Drawing or Sample will result in such item becoming a Contract Document.

8. Contractor shall perform the Work in compliance with the requirements and commitments set forth in approved Shop Drawings and Samples, subject to the provisions of Paragraph 7.16.C.4.

D. *Resubmittal Procedures for Shop Drawings and Samples*

1. Contractor shall make corrections required by Engineer and shall return the required number of corrected copies of Shop Drawings and submit, as required, new Samples for review and approval. Contractor shall direct specific attention in writing to revisions other than the corrections called for by Engineer on previous Submittals.

2. Contractor shall furnish required Shop Drawing and Sample submittals with sufficient information and accuracy to obtain required approval of an item with no more than two resubmittals. Engineer will record Engineer's time for reviewing a third or subsequent resubmittal of a Shop Drawing or Sample, and Contractor shall be responsible for Engineer's charges to Owner for such time. Owner may impose a set-off against payments due Contractor to secure reimbursement for such charges.

3. If Contractor requests a change of a previously approved Shop Drawing or Sample, Contractor shall be responsible for Engineer's charges to Owner for its review time, and Owner may impose a set-off against payments due Contractor to secure reimbursement for such charges, unless the need for such change is beyond the control of Contractor.

E. *Submittals Other than Shop Drawings, Samples, and Owner-Delegated Designs*

1. The following provisions apply to all Submittals other than Shop Drawings, Samples, and Owner-delegated designs:

   a. Contractor shall submit all such Submittals to the Engineer in accordance with the Schedule of Submittals and pursuant to the applicable terms of the Contract Documents.

   b. Engineer will provide timely review of all such Submittals in accordance with the Schedule of Submittals and return such Submittals with a notation of either Accepted or Not Accepted. Any such Submittal that is not returned within the time established in the Schedule of Submittals will be deemed accepted.

   c. Engineer's review will be only to determine if the Submittal is acceptable under the requirements of the Contract Documents as to general form and content of the Submittal.

   d. If any such Submittal is not accepted, Contractor shall confer with Engineer regarding the reason for the non-acceptance, and resubmit an acceptable document.

2. Procedures for the submittal and acceptance of the Progress Schedule, the Schedule of Submittals, and the Schedule of Values are set forth in Paragraphs 2.03. 2.04, and 2.05.

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F. Owner-delegated Designs: Submittals pursuant to Owner-delegated designs are governed by the provisions of Paragraph 7.19.

7.17 *Contractor's General Warranty and Guarantee*

A. Contractor warrants and guarantees to Owner that all Work will be in accordance with the Contract Documents and will not be defective. Engineer is entitled to rely on Contractor's warranty and guarantee.

B. Owner's rights under this warranty and guarantee are in addition to, and are not limited by, Owner's rights under the correction period provisions of Paragraph 15.08. The time in which Owner may enforce its warranty and guarantee rights under this Paragraph 7.17 is limited only by applicable Laws and Regulations restricting actions to enforce such rights; provided, however, that after the end of the correction period under Paragraph 15.08:

1. Owner shall give Contractor written notice of any defective Work within 60 days of the discovery that such Work is defective; and

2. Such notice will be deemed the start of an event giving rise to a Claim under Paragraph 12.01.B, such that any related Claim must be brought within 30 days of the notice.

C. Contractor's warranty and guarantee hereunder excludes defects or damage caused by:

1. abuse, or improper modification, maintenance, or operation, by persons other than Contractor, Subcontractors, Suppliers, or any other individual or entity for whom Contractor is responsible; or

2. normal wear and tear under normal usage.

D. Contractor's obligation to perform and complete the Work in accordance with the Contract Documents is absolute. None of the following will constitute an acceptance of Work that is not in accordance with the Contract Documents, a release of Contractor's obligation to perform the Work in accordance with the Contract Documents, or a release of Owner's warranty and guarantee rights under this Paragraph 7.17:

1. Observations by Engineer;

2. Recommendation by Engineer or payment by Owner of any progress or final payment;

3. The issuance of a certificate of Substantial Completion by Engineer or any payment related thereto by Owner;

4. Use or occupancy of the Work or any part thereof by Owner;

5. Any review and approval of a Shop Drawing or Sample submittal;

6. The issuance of a notice of acceptability by Engineer;

7. The end of the correction period established in Paragraph 15.08;

8. Any inspection, test, or approval by others; or

9. Any correction of defective Work by Owner.

E. If the Contract requires the Contractor to accept the assignment of a contract entered into by Owner, then the specific warranties, guarantees, and correction obligations contained in the

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assigned contract will govern with respect to Contractor's performance obligations to Owner for the Work described in the assigned contract.

7.18 *Indemnification*

A. To the fullest extent permitted by Laws and Regulations, and in addition to any other obligations of Contractor under the Contract or otherwise, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them, from losses, damages, costs, and judgments (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals, and all court or arbitration or other dispute resolution costs) arising from third-party claims or actions relating to or resulting from the performance or furnishing of the Work, provided that any such claim, action, loss, cost, judgment or damage is attributable to bodily injury, sickness, disease, or death, or to damage to or destruction of tangible property (other than the Work itself), including the loss of use resulting therefrom, but only to the extent caused by any negligent act or omission of Contractor, any Subcontractor, any Supplier, or any individual or entity directly or indirectly employed by any of them to perform any of the Work, or anyone for whose acts any of them may be liable.

B. In any and all claims against Owner or Engineer, or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors, by any employee (or the survivor or personal representative of such employee) of Contractor, any Subcontractor, any Supplier, or any individual or entity directly or indirectly employed by any of them to perform any of the Work, or anyone for whose acts any of them may be liable, the indemnification obligation under Paragraph 7.18.A will not be limited in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for Contractor or any such Subcontractor, Supplier, or other individual or entity under workers' compensation acts, disability benefit acts, or other employee benefit acts.

7.19 *Delegation of Professional Design Services*

A. Owner may require Contractor to provide professional design services for a portion of the Work by express delegation in the Contract Documents. Such delegation will specify the performance and design criteria that such services must satisfy, and the Submittals that Contractor must furnish to Engineer with respect to the Owner-delegated design.

B. Contractor shall cause such Owner-delegated professional design services to be provided pursuant to the professional standard of care by a properly licensed design professional, whose signature and seal must appear on all drawings, calculations, specifications, certifications, and Submittals prepared by such design professional. Such design professional must issue all certifications of design required by Laws and Regulations.

C. If a Shop Drawing or other Submittal related to the Owner-delegated design is prepared by Contractor, a Subcontractor, or others for submittal to Engineer, then such Shop Drawing or other Submittal must bear the written approval of Contractor's design professional when submitted by Contractor to Engineer.

D. Owner and Engineer shall be entitled to rely upon the adequacy, accuracy, and completeness of the services, certifications, and approvals performed or provided by the design professionals retained or employed by Contractor under an Owner-delegated design, subject

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to the professional standard of care and the performance and design criteria stated in the Contract Documents.

E. Pursuant to this Paragraph 7.19, Engineer's review, approval, and other determinations regarding design drawings, calculations, specifications, certifications, and other Submittals furnished by Contractor pursuant to an Owner-delegated design will be only for the following limited purposes:

1. Checking for conformance with the requirements of this Paragraph 7.19;

2. Confirming that Contractor (through its design professionals) has used the performance and design criteria specified in the Contract Documents; and

3. Establishing that the design furnished by Contractor is consistent with the design concept expressed in the Contract Documents.

F. Contractor shall not be responsible for the adequacy of performance or design criteria specified by Owner or Engineer.

G. Contractor is not required to provide professional services in violation of applicable Laws and Regulations.

ARTICLE 8—OTHER WORK AT THE SITE

8.01 *Other Work*

A. In addition to and apart from the Work under the Contract Documents, the Owner may perform other work at or adjacent to the Site. Such other work may be performed by Owner's employees, or through contracts between the Owner and third parties. Owner may also arrange to have third-party utility owners perform work on their utilities and facilities at or adjacent to the Site.

B. If Owner performs other work at or adjacent to the Site with Owner's employees, or through contracts for such other work, then Owner shall give Contractor written notice thereof prior to starting any such other work. If Owner has advance information regarding the start of any third-party utility work that Owner has arranged to take place at or adjacent to the Site, Owner shall provide such information to Contractor.

C. Contractor shall afford proper and safe access to the Site to each contractor that performs such other work, each utility owner performing other work, and Owner, if Owner is performing other work with Owner's employees, and provide a reasonable opportunity for the introduction and storage of materials and equipment and the execution of such other work.

D. Contractor shall do all cutting, fitting, and patching of the Work that may be required to properly connect or otherwise make its several parts come together and properly integrate with such other work. Contractor shall not endanger any work of others by cutting, excavating, or otherwise altering such work; provided, however, that Contractor may cut or alter others' work with the written consent of Engineer and the others whose work will be affected.

E. If the proper execution or results of any part of Contractor's Work depends upon work performed by others, Contractor shall inspect such other work and promptly report to Engineer in writing any delays, defects, or deficiencies in such other work that render it

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unavailable or unsuitable for the proper execution and results of Contractor's Work. Contractor's failure to so report will constitute an acceptance of such other work as fit and proper for integration with Contractor's Work except for latent defects and deficiencies in such other work.

F. The provisions of this article are not applicable to work that is performed by third-party utilities or other third-party entities without a contract with Owner, or that is performed without having been arranged by Owner. If such work occurs, then any related delay, disruption, or interference incurred by Contractor is governed by the provisions of Paragraph 4.05.C.3.

8.02 *Coordination*

A. If Owner intends to contract with others for the performance of other work at or adjacent to the Site, to perform other work at or adjacent to the Site with Owner's employees, or to arrange to have utility owners perform work at or adjacent to the Site, the following will be set forth in the Supplementary Conditions or provided to Contractor prior to the start of any such other work:

1. The identity of the individual or entity that will have authority and responsibility for coordination of the activities among the various contractors;

2. An itemization of the specific matters to be covered by such authority and responsibility; and

3. The extent of such authority and responsibilities.

B. Unless otherwise provided in the Supplementary Conditions, Owner shall have sole authority and responsibility for such coordination.

8.03 *Legal Relationships*

A. If, in the course of performing other work for Owner at or adjacent to the Site, the Owner's employees, any other contractor working for Owner, or any utility owner that Owner has arranged to perform work, causes damage to the Work or to the property of Contractor or its Subcontractors, or delays, disrupts, interferes with, or increases the scope or cost of the performance of the Work, through actions or inaction, then Contractor shall be entitled to an equitable adjustment in the Contract Price or the Contract Times. Contractor must submit any Change Proposal seeking an equitable adjustment in the Contract Price or the Contract Times under this paragraph within 30 days of the damaging, delaying, disrupting, or interfering event. The entitlement to, and extent of, any such equitable adjustment will take into account information (if any) regarding such other work that was provided to Contractor in the Contract Documents prior to the submittal of the Bid or the final negotiation of the terms of the Contract, and any remedies available to Contractor under Laws or Regulations concerning utility action or inaction. When applicable, any such equitable adjustment in Contract Price will be conditioned on Contractor assigning to Owner all Contractor's rights against such other contractor or utility owner with respect to the damage, delay, disruption, or interference that is the subject of the adjustment. Contractor's entitlement to an adjustment of the Contract Times or Contract Price is subject to the provisions of Paragraphs 4.05.D and 4.05.E.

B. Contractor shall take reasonable and customary measures to avoid damaging, delaying, disrupting, or interfering with the work of Owner, any other contractor, or any utility owner performing other work at or adjacent to the Site.

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1. If Contractor fails to take such measures and as a result damages, delays, disrupts, or interferes with the work of any such other contractor or utility owner, then Owner may impose a set-off against payments due Contractor, and assign to such other contractor or utility owner the Owner's contractual rights against Contractor with respect to the breach of the obligations set forth in this Paragraph 8.03.B.

2. When Owner is performing other work at or adjacent to the Site with Owner's employees, Contractor shall be liable to Owner for damage to such other work, and for the reasonable direct delay, disruption, and interference costs incurred by Owner as a result of Contractor's failure to take reasonable and customary measures with respect to Owner's other work. In response to such damage, delay, disruption, or interference, Owner may impose a set-off against payments due Contractor.

C. If Contractor damages, delays, disrupts, or interferes with the work of any other contractor, or any utility owner performing other work at or adjacent to the Site, through Contractor's failure to take reasonable and customary measures to avoid such impacts, or if any claim arising out of Contractor's actions, inactions, or negligence in performance of the Work at or adjacent to the Site is made by any such other contractor or utility owner against Contractor, Owner, or Engineer, then Contractor shall (1) promptly attempt to settle the claim as to all parties through negotiations with such other contractor or utility owner, or otherwise resolve the claim by arbitration or other dispute resolution proceeding or at law, and (2) indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them from and against any such claims, and against all costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such damage, delay, disruption, or interference.

ARTICLE 9—OWNER'S RESPONSIBILITIES

9.01 *Communications to Contractor*

A. Except as otherwise provided in these General Conditions, Owner shall issue all communications to Contractor through Engineer.

9.02 *Replacement of Engineer*

A. Owner may at its discretion appoint an engineer to replace Engineer, provided Contractor makes no reasonable objection to the replacement engineer. The replacement engineer's status under the Contract Documents will be that of the former Engineer.

9.03 *Furnish Data*

A. Owner shall promptly furnish the data required of Owner under the Contract Documents.

9.04 *Pay When Due*

A. Owner shall make payments to Contractor when they are due as provided in the Agreement.

9.05 *Lands and Easements; Reports, Tests, and Drawings*

A. Owner's duties with respect to providing lands and easements are set forth in Paragraph 5.01.

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B. Owner's duties with respect to providing engineering surveys to establish reference points are set forth in Paragraph 4.03.

C. Article 5 refers to Owner's identifying and making available to Contractor copies of reports of explorations and tests of conditions at the Site, and drawings of physical conditions relating to existing surface or subsurface structures at the Site.

9.06 *Insurance*

A. Owner's responsibilities, if any, with respect to purchasing and maintaining liability and property insurance are set forth in Article 6.

9.07 *Change Orders*

A. Owner's responsibilities with respect to Change Orders are set forth in Article 11.

9.08 *Inspections, Tests, and Approvals*

A. Owner's responsibility with respect to certain inspections, tests, and approvals is set forth in Paragraph 14.02.B.

9.09 *Limitations on Owner's Responsibilities*

A. The Owner shall not supervise, direct, or have control or authority over, nor be responsible for, Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of Contractor to comply with Laws and Regulations applicable to the performance of the Work. Owner will not be responsible for Contractor's failure to perform the Work in accordance with the Contract Documents.

9.10 *Undisclosed Hazardous Environmental Condition*

A. Owner's responsibility in respect to an undisclosed Hazardous Environmental Condition is set forth in Paragraph 5.06.

9.11 *Evidence of Financial Arrangements*

A. Upon request of Contractor, Owner shall furnish Contractor reasonable evidence that financial arrangements have been made to satisfy Owner's obligations under the Contract (including obligations under proposed changes in the Work).

9.12 *Safety Programs*

A. While at the Site, Owner's employees and representatives shall comply with the specific applicable requirements of Contractor's safety programs of which Owner has been informed.

B. Owner shall furnish copies of any applicable Owner safety programs to Contractor.

ARTICLE 10—ENGINEER'S STATUS DURING CONSTRUCTION

10.01 *Owner's Representative*

A. Engineer will be Owner's representative during the construction period. The duties and responsibilities and the limitations of authority of Engineer as Owner's representative during construction are set forth in the Contract.

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10.02 *Visits to Site*

A. Engineer will make visits to the Site at intervals appropriate to the various stages of construction as Engineer deems necessary in order to observe, as an experienced and qualified design professional, the progress that has been made and the quality of the various aspects of Contractor's executed Work. Based on information obtained during such visits and observations, Engineer, for the benefit of Owner, will determine, in general, if the Work is proceeding in accordance with the Contract Documents. Engineer will not be required to make exhaustive or continuous inspections on the Site to check the quality or quantity of the Work. Engineer's efforts will be directed toward providing for Owner a greater degree of confidence that the completed Work will conform generally to the Contract Documents. On the basis of such visits and observations, Engineer will keep Owner informed of the progress of the Work and will endeavor to guard Owner against defective Work.

B. Engineer's visits and observations are subject to all the limitations on Engineer's authority and responsibility set forth in Paragraph 10.07. Particularly, but without limitation, during or as a result of Engineer's visits or observations of Contractor's Work, Engineer will not supervise, direct, control, or have authority over or be responsible for Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of Contractor to comply with Laws and Regulations applicable to the performance of the Work.

10.03 *Resident Project Representative*

A. If Owner and Engineer have agreed that Engineer will furnish a Resident Project Representative to represent Engineer at the Site and assist Engineer in observing the progress and quality of the Work, then the authority and responsibilities of any such Resident Project Representative will be as provided in the Supplementary Conditions, and limitations on the responsibilities thereof will be as provided in the Supplementary Conditions and in Paragraph 10.07.

B. If Owner designates an individual or entity who is not Engineer's consultant, agent, or employee to represent Owner at the Site, then the responsibilities and authority of such individual or entity will be as provided in the Supplementary Conditions.

10.04 *Engineer's Authority*

A. Engineer has the authority to reject Work in accordance with Article 14.

B. Engineer's authority as to Submittals is set forth in Paragraph 7.16.

C. Engineer's authority as to design drawings, calculations, specifications, certifications and other Submittals from Contractor in response to Owner's delegation (if any) to Contractor of professional design services, is set forth in Paragraph 7.19.

D. Engineer's authority as to changes in the Work is set forth in Article 11.

E. Engineer's authority as to Applications for Payment is set forth in Article 15.

10.05 *Determinations for Unit Price Work*

A. Engineer will determine the actual quantities and classifications of Unit Price Work performed by Contractor as set forth in Paragraph 13.03.

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10.06 *Decisions on Requirements of Contract Documents and Acceptability of Work*

A. Engineer will render decisions regarding the requirements of the Contract Documents, and judge the acceptability of the Work, pursuant to the specific procedures set forth herein for initial interpretations, Change Proposals, and acceptance of the Work. In rendering such decisions and judgments, Engineer will not show partiality to Owner or Contractor, and will not be liable to Owner, Contractor, or others in connection with any proceedings, interpretations, decisions, or judgments conducted or rendered in good faith.

10.07 *Limitations on Engineer's Authority and Responsibilities*

A. Neither Engineer's authority or responsibility under this Article 10 or under any other provision of the Contract, nor any decision made by Engineer in good faith either to exercise or not exercise such authority or responsibility or the undertaking, exercise, or performance of any authority or responsibility by Engineer, will create, impose, or give rise to any duty in contract, tort, or otherwise owed by Engineer to Contractor, any Subcontractor, any Supplier, any other individual or entity, or to any surety for or employee or agent of any of them.

B. Engineer will not supervise, direct, control, or have authority over or be responsible for Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of Contractor to comply with Laws and Regulations applicable to the performance of the Work. Engineer will not be responsible for Contractor's failure to perform the Work in accordance with the Contract Documents.

C. Engineer will not be responsible for the acts or omissions of Contractor or of any Subcontractor, any Supplier, or of any other individual or entity performing any of the Work.

D. Engineer's review of the final Application for Payment and accompanying documentation, and all maintenance and operating instructions, schedules, guarantees, bonds, certificates of inspection, tests and approvals, and other documentation required to be delivered by Contractor under Paragraph 15.06.A, will only be to determine generally that their content complies with the requirements of, and in the case of certificates of inspections, tests, and approvals, that the results certified indicate compliance with the Contract Documents.

E. The limitations upon authority and responsibility set forth in this Paragraph 10.07 also apply to the Resident Project Representative, if any.

10.08 *Compliance with Safety Program*

A. While at the Site, Engineer's employees and representatives will comply with the specific applicable requirements of Owner's and Contractor's safety programs of which Engineer has been informed.

ARTICLE 11—CHANGES TO THE CONTRACT

11.01 *Amending and Supplementing the Contract*

A. The Contract may be amended or supplemented by a Change Order, a Work Change Directive, or a Field Order.

B. If an amendment or supplement to the Contract includes a change in the Contract Price or the Contract Times, such amendment or supplement must be set forth in a Change Order.

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C. All changes to the Contract that involve (1) the performance or acceptability of the Work, (2) the design (as set forth in the Drawings, Specifications, or otherwise), or (3) other engineering or technical matters, must be supported by Engineer's recommendation. Owner and Contractor may amend other terms and conditions of the Contract without the recommendation of the Engineer.

11.02 *Change Orders*

A. Owner and Contractor shall execute appropriate Change Orders covering:

1. Changes in Contract Price or Contract Times which are agreed to by the parties, including any undisputed sum or amount of time for Work actually performed in accordance with a Work Change Directive;

2. Changes in Contract Price resulting from an Owner set-off, unless Contractor has duly contested such set-off;

3. Changes in the Work which are: (a) ordered by Owner pursuant to Paragraph 11.05, (b) required because of Owner's acceptance of defective Work under Paragraph 14.04 or Owner's correction of defective Work under Paragraph 14.07, or (c) agreed to by the parties, subject to the need for Engineer's recommendation if the change in the Work involves the design (as set forth in the Drawings, Specifications, or otherwise) or other engineering or technical matters; and

4. Changes that embody the substance of any final and binding results under: Paragraph 11.03.B, resolving the impact of a Work Change Directive; Paragraph 11.09, concerning Change Proposals; Article 12, Claims; Paragraph 13.02.D, final adjustments resulting from allowances; Paragraph 13.03.D, final adjustments relating to determination of quantities for Unit Price Work; and similar provisions.

B. If Owner or Contractor refuses to execute a Change Order that is required to be executed under the terms of Paragraph 11.02.A, it will be deemed to be of full force and effect, as if fully executed.

11.03 *Work Change Directives*

A. A Work Change Directive will not change the Contract Price or the Contract Times but is evidence that the parties expect that the modification ordered or documented by a Work Change Directive will be incorporated in a subsequently issued Change Order, following negotiations by the parties as to the Work Change Directive's effect, if any, on the Contract Price and Contract Times; or, if negotiations are unsuccessful, by a determination under the terms of the Contract Documents governing adjustments, expressly including Paragraph 11.07 regarding change of Contract Price.

B. If Owner has issued a Work Change Directive and:

1. Contractor believes that an adjustment in Contract Times or Contract Price is necessary, then Contractor shall submit any Change Proposal seeking such an adjustment no later than 30 days after the completion of the Work set out in the Work Change Directive.

2. Owner believes that an adjustment in Contract Times or Contract Price is necessary, then Owner shall submit any Claim seeking such an adjustment no later than 60 days after issuance of the Work Change Directive.

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11.04 *Field Orders*

A. Engineer may authorize minor changes in the Work if the changes do not involve an adjustment in the Contract Price or the Contract Times and are compatible with the design concept of the completed Project as a functioning whole as indicated by the Contract Documents. Such changes will be accomplished by a Field Order and will be binding on Owner and also on Contractor, which shall perform the Work involved promptly.

B. If Contractor believes that a Field Order justifies an adjustment in the Contract Price or Contract Times, then before proceeding with the Work at issue, Contractor shall submit a Change Proposal as provided herein.

11.05 *Owner-Authorized Changes in the Work*

A. Without invalidating the Contract and without notice to any surety, Owner may, at any time or from time to time, order additions, deletions, or revisions in the Work. Changes involving the design (as set forth in the Drawings, Specifications, or otherwise) or other engineering or technical matters will be supported by Engineer's recommendation.

B. Such changes in the Work may be accomplished by a Change Order, if Owner and Contractor have agreed as to the effect, if any, of the changes on Contract Times or Contract Price; or by a Work Change Directive. Upon receipt of any such document, Contractor shall promptly proceed with the Work involved; or, in the case of a deletion in the Work, promptly cease construction activities with respect to such deleted Work. Added or revised Work must be performed under the applicable conditions of the Contract Documents.

C. Nothing in this Paragraph 11.05 obligates Contractor to undertake work that Contractor reasonably concludes cannot be performed in a manner consistent with Contractor's safety obligations under the Contract Documents or Laws and Regulations.

11.06 *Unauthorized Changes in the Work*

A. Contractor shall not be entitled to an increase in the Contract Price or an extension of the Contract Times with respect to any work performed that is not required by the Contract Documents, as amended, modified, or supplemented, except in the case of an emergency as provided in Paragraph 7.15 or in the case of uncovering Work as provided in Paragraph 14.05.C.2.

11.07 *Change of Contract Price*

A. The Contract Price may only be changed by a Change Order. Any Change Proposal for an adjustment in the Contract Price must comply with the provisions of Paragraph 11.09. Any Claim for an adjustment of Contract Price must comply with the provisions of Article 12.

B. An adjustment in the Contract Price will be determined as follows:

1. Where the Work involved is covered by unit prices contained in the Contract Documents, then by application of such unit prices to the quantities of the items involved (subject to the provisions of Paragraph 13.03);

2. Where the Work involved is not covered by unit prices contained in the Contract Documents, then by a mutually agreed lump sum (which may include an allowance for overhead and profit not necessarily in accordance with Paragraph 11.07.C.2); or

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3. Where the Work involved is not covered by unit prices contained in the Contract Documents and the parties do not reach mutual agreement to a lump sum, then on the basis of the Cost of the Work (determined as provided in Paragraph 13.01) plus a Contractor's fee for overhead and profit (determined as provided in Paragraph 11.07.C).

C. *Contractor's Fee*: When applicable, the Contractor's fee for overhead and profit will be determined as follows:

1. A mutually acceptable fixed fee; or

2. If a fixed fee is not agreed upon, then a fee based on the following percentages of the various portions of the Cost of the Work:

a. For costs incurred under Paragraphs 13.01.B.1 and 13.01.B.2, the Contractor's fee will be 15 percent;

b. For costs incurred under Paragraph 13.01.B.3, the Contractor's fee will be 5 percent;

c. Where one or more tiers of subcontracts are on the basis of Cost of the Work plus a fee and no fixed fee is agreed upon, the intent of Paragraphs 11.07.C.2.a and 11.07.C.2.b is that the Contractor's fee will be based on: (1) a fee of 15 percent of the costs incurred under Paragraphs 13.01.B.1 and 13.01.B.2 by the Subcontractor that actually performs the Work, at whatever tier, and (2) with respect to Contractor itself and to any Subcontractors of a tier higher than that of the Subcontractor that actually performs the Work, a fee of 5 percent of the amount (fee plus underlying costs incurred) attributable to the next lower tier Subcontractor; provided, however, that for any such subcontracted Work the maximum total fee to be paid by Owner will be no greater than 27 percent of the costs incurred by the Subcontractor that actually performs the Work;

d. No fee will be payable on the basis of costs itemized under Paragraphs 13.01.B.4, 13.01.B.5, and 13.01.C;

e. The amount of credit to be allowed by Contractor to Owner for any change which results in a net decrease in Cost of the Work will be the amount of the actual net decrease in Cost of the Work and a deduction of an additional amount equal to 5 percent of such actual net decrease in Cost of the Work; and

f. When both additions and credits are involved in any one change or Change Proposal, the adjustment in Contractor's fee will be computed by determining the sum of the costs in each of the cost categories in Paragraph 13.01.B (specifically, payroll costs, Paragraph 13.01.B.1; incorporated materials and equipment costs, Paragraph 13.01.B.2; Subcontract costs, Paragraph 13.01.B.3; special consultants costs, Paragraph 13.01.B.4; and other costs, Paragraph 13.01.B.5) and applying to each such cost category sum the appropriate fee from Paragraphs 11.07.C.2.a through 11.07.C.2.e, inclusive.

11.08 *Change of Contract Times*

A. The Contract Times may only be changed by a Change Order. Any Change Proposal for an adjustment in the Contract Times must comply with the provisions of Paragraph 11.09. Any Claim for an adjustment in the Contract Times must comply with the provisions of Article 12.

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B. Delay, disruption, and interference in the Work, and any related changes in Contract Times, are addressed in and governed by Paragraph 4.05.

11.09 *Change Proposals*

A. *Purpose and Content*: Contractor shall submit a Change Proposal to Engineer to request an adjustment in the Contract Times or Contract Price; contest an initial decision by Engineer concerning the requirements of the Contract Documents or relating to the acceptability of the Work under the Contract Documents; challenge a set-off against payment due; or seek other relief under the Contract. The Change Proposal will specify any proposed change in Contract Times or Contract Price, or other proposed relief, and explain the reason for the proposed change, with citations to any governing or applicable provisions of the Contract Documents. Each Change Proposal will address only one issue, or a set of closely related issues.

B. *Change Proposal Procedures*

1. *Submittal*: Contractor shall submit each Change Proposal to Engineer within 30 days after the start of the event giving rise thereto, or after such initial decision.

2. *Supporting Data*: The Contractor shall submit supporting data, including the proposed change in Contract Price or Contract Time (if any), to the Engineer and Owner within 15 days after the submittal of the Change Proposal.

   a. Change Proposals based on or related to delay, interruption, or interference must comply with the provisions of Paragraphs 4.05.D and 4.05.E.

   b. Change proposals related to a change of Contract Price must include full and detailed accounts of materials incorporated into the Work and labor and equipment used for the subject Work.

   The supporting data must be accompanied by a written statement that the supporting data are accurate and complete, and that any requested time or price adjustment is the entire adjustment to which Contractor believes it is entitled as a result of said event.

3. *Engineer's Initial Review*: Engineer will advise Owner regarding the Change Proposal, and consider any comments or response from Owner regarding the Change Proposal. If in its discretion Engineer concludes that additional supporting data is needed before conducting a full review and making a decision regarding the Change Proposal, then Engineer may request that Contractor submit such additional supporting data by a date specified by Engineer, prior to Engineer beginning its full review of the Change Proposal.

4. *Engineer's Full Review and Action on the Change Proposal*: Upon receipt of Contractor's supporting data (including any additional data requested by Engineer), Engineer will conduct a full review of each Change Proposal and, within 30 days after such receipt of the Contractor's supporting data, either approve the Change Proposal in whole, deny it in whole, or approve it in part and deny it in part. Such actions must be in writing, with a copy provided to Owner and Contractor. If Engineer does not take action on the Change Proposal within 30 days, then either Owner or Contractor may at any time thereafter submit a letter to the other party indicating that as a result of Engineer's inaction the Change Proposal is deemed denied, thereby commencing the time for appeal of the denial under Article 12.

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5. *Binding Decision*: Engineer's decision is final and binding upon Owner and Contractor, unless Owner or Contractor appeals the decision by filing a Claim under Article 12.

C. *Resolution of Certain Change Proposals*: If the Change Proposal does not involve the design (as set forth in the Drawings, Specifications, or otherwise), the acceptability of the Work, or other engineering or technical matters, then Engineer will notify the parties in writing that the Engineer is unable to resolve the Change Proposal. For purposes of further resolution of such a Change Proposal, such notice will be deemed a denial, and Contractor may choose to seek resolution under the terms of Article 12.

D. *Post-Completion*: Contractor shall not submit any Change Proposals after Engineer issues a written recommendation of final payment pursuant to Paragraph 15.06.B.

11.10 *Notification to Surety*

A. If the provisions of any bond require notice to be given to a surety of any change affecting the general scope of the Work or the provisions of the Contract Documents (including, but not limited to, Contract Price or Contract Times), the giving of any such notice will be Contractor's responsibility. The amount of each applicable bond will be adjusted to reflect the effect of any such change.

ARTICLE 12—CLAIMS

12.01 *Claims*

A. *Claims Process*: The following disputes between Owner and Contractor are subject to the Claims process set forth in this article:

1. Appeals by Owner or Contractor of Engineer's decisions regarding Change Proposals;

2. Owner demands for adjustments in the Contract Price or Contract Times, or other relief under the Contract Documents;

3. Disputes that Engineer has been unable to address because they do not involve the design (as set forth in the Drawings, Specifications, or otherwise), the acceptability of the Work, or other engineering or technical matters; and

4. Subject to the waiver provisions of Paragraph 15.07, any dispute arising after Engineer has issued a written recommendation of final payment pursuant to Paragraph 15.06.B.

B. *Submittal of Claim*: The party submitting a Claim shall deliver it directly to the other party to the Contract promptly (but in no event later than 30 days) after the start of the event giving rise thereto; in the case of appeals regarding Change Proposals within 30 days of the decision under appeal. The party submitting the Claim shall also furnish a copy to the Engineer, for its information only. The responsibility to substantiate a Claim rests with the party making the Claim. In the case of a Claim by Contractor seeking an increase in the Contract Times or Contract Price, Contractor shall certify that the Claim is made in good faith, that the supporting data are accurate and complete, and that to the best of Contractor's knowledge and belief the amount of time or money requested accurately reflects the full amount to which Contractor is entitled.

C. *Review and Resolution*: The party receiving a Claim shall review it thoroughly, giving full consideration to its merits. The two parties shall seek to resolve the Claim through the exchange of information and direct negotiations. The parties may extend the time for

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resolving the Claim by mutual agreement. All actions taken on a Claim will be stated in writing and submitted to the other party, with a copy to Engineer.

D. *Mediation*

1. At any time after initiation of a Claim, Owner and Contractor may mutually agree to mediation of the underlying dispute. The agreement to mediate will stay the Claim submittal and response process.

2. If Owner and Contractor agree to mediation, then after 60 days from such agreement, either Owner or Contractor may unilaterally terminate the mediation process, and the Claim submittal and decision process will resume as of the date of the termination. If the mediation proceeds but is unsuccessful in resolving the dispute, the Claim submittal and decision process will resume as of the date of the conclusion of the mediation, as determined by the mediator.

3. Owner and Contractor shall each pay one-half of the mediator's fees and costs.

E. *Partial Approval*: If the party receiving a Claim approves the Claim in part and denies it in part, such action will be final and binding unless within 30 days of such action the other party invokes the procedure set forth in Article 17 for final resolution of disputes.

F. *Denial of Claim*: If efforts to resolve a Claim are not successful, the party receiving the Claim may deny it by giving written notice of denial to the other party. If the receiving party does not take action on the Claim within 90 days, then either Owner or Contractor may at any time thereafter submit a letter to the other party indicating that as a result of the inaction, the Claim is deemed denied, thereby commencing the time for appeal of the denial. A denial of the Claim will be final and binding unless within 30 days of the denial the other party invokes the procedure set forth in Article 17 for the final resolution of disputes.

G. *Final and Binding Results*: If the parties reach a mutual agreement regarding a Claim, whether through approval of the Claim, direct negotiations, mediation, or otherwise; or if a Claim is approved in part and denied in part, or denied in full, and such actions become final and binding; then the results of the agreement or action on the Claim will be incorporated in a Change Order or other written document to the extent they affect the Contract, including the Work, the Contract Times, or the Contract Price.

ARTICLE 13—COST OF THE WORK; ALLOWANCES; UNIT PRICE WORK

13.01 *Cost of the Work*

A. *Purposes for Determination of Cost of the Work*: The term Cost of the Work means the sum of all costs necessary for the proper performance of the Work at issue, as further defined below. The provisions of this Paragraph 13.01 are used for two distinct purposes:

1. To determine Cost of the Work when Cost of the Work is a component of the Contract Price, under cost-plus-fee, time-and-materials, or other cost-based terms; or

2. When needed to determine the value of a Change Order, Change Proposal, Claim, set-off, or other adjustment in Contract Price. When the value of any such adjustment is determined on the basis of Cost of the Work, Contractor is entitled only to those additional or incremental costs required because of the change in the Work or because of the event giving rise to the adjustment.

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B. *Costs Included*: Except as otherwise may be agreed to in writing by Owner, costs included in the Cost of the Work will be in amounts no higher than those commonly incurred in the locality of the Project, will not include any of the costs itemized in Paragraph 13.01.C, and will include only the following items:

1. Payroll costs for employees in the direct employ of Contractor in the performance of the Work under schedules of job classifications agreed upon by Owner and Contractor in advance of the subject Work. Such employees include, without limitation, superintendents, foremen, safety managers, safety representatives, and other personnel employed full time on the Work. Payroll costs for employees not employed full time on the Work will be apportioned on the basis of their time spent on the Work. Payroll costs include, but are not limited to, salaries and wages plus the cost of fringe benefits, which include social security contributions, unemployment, excise, and payroll taxes, workers' compensation, health and retirement benefits, sick leave, and vacation and holiday pay applicable thereto. The expenses of performing Work outside of regular working hours, on Saturday, Sunday, or legal holidays, will be included in the above to the extent authorized by Owner.

2. Cost of all materials and equipment furnished and incorporated in the Work, including costs of transportation and storage thereof, and Suppliers' field services required in connection therewith. All cash discounts accrue to Contractor unless Owner deposits funds with Contractor with which to make payments, in which case the cash discounts will accrue to Owner. All trade discounts, rebates, and refunds and returns from sale of surplus materials and equipment will accrue to Owner, and Contractor shall make provisions so that they may be obtained.

3. Payments made by Contractor to Subcontractors for Work performed by Subcontractors. If required by Owner, Contractor shall obtain competitive bids from subcontractors acceptable to Owner and Contractor and shall deliver such bids to Owner, which will then determine, with the advice of Engineer, which bids, if any, will be acceptable. If any subcontract provides that the Subcontractor is to be paid on the basis of Cost of the Work plus a fee, the Subcontractor's Cost of the Work and fee will be determined in the same manner as Contractor's Cost of the Work and fee as provided in this Paragraph 13.01.

4. Costs of special consultants (including but not limited to engineers, architects, testing laboratories, surveyors, attorneys, and accountants) employed or retained for services specifically related to the Work.

5. Other costs consisting of the following:

    a. The proportion of necessary transportation, travel, and subsistence expenses of Contractor's employees incurred in discharge of duties connected with the Work.

    b. Cost, including transportation and maintenance, of all materials, supplies, equipment, machinery, appliances, office, and temporary facilities at the Site, which are consumed in the performance of the Work, and cost, less market value, of such items used but not consumed which remain the property of Contractor.

        1) In establishing included costs for materials such as scaffolding, plating, or sheeting, consideration will be given to the actual or the estimated life of the material for use on other projects; or rental rates may be established on the basis of purchase or salvage value of such items, whichever is less. Contractor will not

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be eligible for compensation for such items in an amount that exceeds the purchase cost of such item.

c. *Construction Equipment Rental*

1) Rentals of all construction equipment and machinery, and the parts thereof, in accordance with rental agreements approved by Owner as to price (including any surcharge or special rates applicable to overtime use of the construction equipment or machinery), and the costs of transportation, loading, unloading, assembly, dismantling, and removal thereof. All such costs will be in accordance with the terms of said rental agreements. The rental of any such equipment, machinery, or parts must cease when the use thereof is no longer necessary for the Work.

2) Costs for equipment and machinery owned by Contractor or a Contractor-related entity will be paid at a rate shown for such equipment in the equipment rental rate book specified in the Supplementary Conditions. An hourly rate will be computed by dividing the monthly rates by 176. These computed rates will include all operating costs.

3) With respect to Work that is the result of a Change Order, Change Proposal, Claim, set-off, or other adjustment in Contract Price ("changed Work"), included costs will be based on the time the equipment or machinery is in use on the changed Work and the costs of transportation, loading, unloading, assembly, dismantling, and removal when directly attributable to the changed Work. The cost of any such equipment or machinery, or parts thereof, must cease to accrue when the use thereof is no longer necessary for the changed Work.

d. Sales, consumer, use, and other similar taxes related to the Work, and for which Contractor is liable, as imposed by Laws and Regulations.

e. Deposits lost for causes other than negligence of Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable, and royalty payments and fees for permits and licenses.

f. Losses and damages (and related expenses) caused by damage to the Work, not compensated by insurance or otherwise, sustained by Contractor in connection with the performance of the Work (except losses and damages within the deductible amounts of builder's risk or other property insurance established in accordance with Paragraph 6.04), provided such losses and damages have resulted from causes other than the negligence of Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable. Such losses include settlements made with the written consent and approval of Owner. No such losses, damages, and expenses will be included in the Cost of the Work for the purpose of determining Contractor's fee.

g. The cost of utilities, fuel, and sanitary facilities at the Site.

h. Minor expenses such as communication service at the Site, express and courier services, and similar petty cash items in connection with the Work.

i. The costs of premiums for all bonds and insurance that Contractor is required by the Contract Documents to purchase and maintain.

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C. *Costs Excluded*: The term Cost of the Work does not include any of the following items:

1. Payroll costs and other compensation of Contractor's officers, executives, principals, general managers, engineers, architects, estimators, attorneys, auditors, accountants, purchasing and contracting agents, expediters, timekeepers, clerks, and other personnel employed by Contractor, whether at the Site or in Contractor's principal or branch office for general administration of the Work and not specifically included in the agreed upon schedule of job classifications referred to in Paragraph 13.01.B.1 or specifically covered by Paragraph 13.01.B.4. The payroll costs and other compensation excluded here are to be considered administrative costs covered by the Contractor's fee.
2. The cost of purchasing, renting, or furnishing small tools and hand tools.
3. Expenses of Contractor's principal and branch offices other than Contractor's office at the Site.
4. Any part of Contractor's capital expenses, including interest on Contractor's capital employed for the Work and charges against Contractor for delinquent payments.
5. Costs due to the negligence of Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable, including but not limited to, the correction of defective Work, disposal of materials or equipment wrongly supplied, and making good any damage to property.
6. Expenses incurred in preparing and advancing Claims.
7. Other overhead or general expense costs of any kind and the costs of any item not specifically and expressly included in Paragraph 13.01.B.

D. *Contractor's Fee*

1. When the Work as a whole is performed on the basis of cost-plus-a-fee, then:
    a. Contractor's fee for the Work set forth in the Contract Documents as of the Effective Date of the Contract will be determined as set forth in the Agreement.
    b. for any Work covered by a Change Order, Change Proposal, Claim, set-off, or other adjustment in Contract Price on the basis of Cost of the Work, Contractor's fee will be determined as follows:
        1) When the fee for the Work as a whole is a percentage of the Cost of the Work, the fee will automatically adjust as the Cost of the Work changes.
        2) When the fee for the Work as a whole is a fixed fee, the fee for any additions or deletions will be determined in accordance with Paragraph 11.07.C.2.
2. When the Work as a whole is performed on the basis of a stipulated sum, or any other basis other than cost-plus-a-fee, then Contractor's fee for any Work covered by a Change Order, Change Proposal, Claim, set-off, or other adjustment in Contract Price on the basis of Cost of the Work will be determined in accordance with Paragraph 11.07.C.2.

E. *Documentation and Audit*: Whenever the Cost of the Work for any purpose is to be determined pursuant to this Article 13, Contractor and pertinent Subcontractors will establish and maintain records of the costs in accordance with generally accepted accounting practices. Subject to prior written notice, Owner will be afforded reasonable access, during normal business hours, to all Contractor's accounts, records, books, correspondence, instructions,

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drawings, receipts, vouchers, memoranda, and similar data relating to the Cost of the Work and Contractor's fee. Contractor shall preserve all such documents for a period of three years after the final payment by Owner. Pertinent Subcontractors will afford such access to Owner, and preserve such documents, to the same extent required of Contractor.

13.02 *Allowances*

A. It is understood that Contractor has included in the Contract Price all allowances so named in the Contract Documents and shall cause the Work so covered to be performed for such sums and by such persons or entities as may be acceptable to Owner and Engineer.

B. *Cash Allowances*: Contractor agrees that:

1. the cash allowances include the cost to Contractor (less any applicable trade discounts) of materials and equipment required by the allowances to be delivered at the Site, and all applicable taxes; and

2. Contractor's costs for unloading and handling on the Site, labor, installation, overhead, profit, and other expenses contemplated for the cash allowances have been included in the Contract Price and not in the allowances, and no demand for additional payment for any of the foregoing will be valid.

C. *Owner's Contingency Allowance*: Contractor agrees that an Owner's contingency allowance, if any, is for the sole use of Owner to cover unanticipated costs.

D. Prior to final payment, an appropriate Change Order will be issued as recommended by Engineer to reflect actual amounts due Contractor for Work covered by allowances, and the Contract Price will be correspondingly adjusted.

13.03 *Unit Price Work*

A. Where the Contract Documents provide that all or part of the Work is to be Unit Price Work, initially the Contract Price will be deemed to include for all Unit Price Work an amount equal to the sum of the unit price for each separately identified item of Unit Price Work times the estimated quantity of each item as indicated in the Agreement.

B. The estimated quantities of items of Unit Price Work are not guaranteed and are solely for the purpose of comparison of Bids and determining an initial Contract Price. Payments to Contractor for Unit Price Work will be based on actual quantities.

C. Each unit price will be deemed to include an amount considered by Contractor to be adequate to cover Contractor's overhead and profit for each separately identified item.

D. Engineer will determine the actual quantities and classifications of Unit Price Work performed by Contractor. Engineer will review with Contractor the Engineer's preliminary determinations on such matters before rendering a written decision thereon (by recommendation of an Application for Payment or otherwise). Engineer's written decision thereon will be final and binding (except as modified by Engineer to reflect changed factual conditions or more accurate data) upon Owner and Contractor, and the final adjustment of Contract Price will be set forth in a Change Order, subject to the provisions of the following paragraph.

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E. *Adjustments in Unit Price*

1. Contractor or Owner shall be entitled to an adjustment in the unit price with respect to an item of Unit Price Work if:

   a. the quantity of the item of Unit Price Work performed by Contractor differs materially and significantly from the estimated quantity of such item indicated in the Agreement; and

   b. Contractor's unit costs to perform the item of Unit Price Work have changed materially and significantly as a result of the quantity change.

2. The adjustment in unit price will account for and be coordinated with any related changes in quantities of other items of Work, and in Contractor's costs to perform such other Work, such that the resulting overall change in Contract Price is equitable to Owner and Contractor.

3. Adjusted unit prices will apply to all units of that item.

ARTICLE 14—TESTS AND INSPECTIONS; CORRECTION, REMOVAL, OR ACCEPTANCE OF DEFECTIVE WORK

14.01 *Access to Work*

A. Owner, Engineer, their consultants and other representatives and personnel of Owner, independent testing laboratories, and authorities having jurisdiction have access to the Site and the Work at reasonable times for their observation, inspection, and testing. Contractor shall provide them proper and safe conditions for such access and advise them of Contractor's safety procedures and programs so that they may comply with such procedures and programs as applicable.

14.02 *Tests, Inspections, and Approvals*

A. Contractor shall give Engineer timely notice of readiness of the Work (or specific parts thereof) for all required inspections and tests, and shall cooperate with inspection and testing personnel to facilitate required inspections and tests.

B. Owner shall retain and pay for the services of an independent inspector, testing laboratory, or other qualified individual or entity to perform all inspections and tests expressly required by the Contract Documents to be furnished and paid for by Owner, except that costs incurred in connection with tests or inspections of covered Work will be governed by the provisions of Paragraph 14.05.

C. If Laws or Regulations of any public body having jurisdiction require any Work (or part thereof) specifically to be inspected, tested, or approved by an employee or other representative of such public body, Contractor shall assume full responsibility for arranging and obtaining such inspections, tests, or approvals, pay all costs in connection therewith, and furnish Engineer the required certificates of inspection or approval.

D. Contractor shall be responsible for arranging, obtaining, and paying for all inspections and tests required:

1. by the Contract Documents, unless the Contract Documents expressly allocate responsibility for a specific inspection or test to Owner;

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2. to attain Owner's and Engineer's acceptance of materials or equipment to be incorporated in the Work;

3. by manufacturers of equipment furnished under the Contract Documents;

4. for testing, adjusting, and balancing of mechanical, electrical, and other equipment to be incorporated into the Work; and

5. for acceptance of materials, mix designs, or equipment submitted for approval prior to Contractor's purchase thereof for incorporation in the Work.

Such inspections and tests will be performed by independent inspectors, testing laboratories, or other qualified individuals or entities acceptable to Owner and Engineer.

E. If the Contract Documents require the Work (or part thereof) to be approved by Owner, Engineer, or another designated individual or entity, then Contractor shall assume full responsibility for arranging and obtaining such approvals.

F. If any Work (or the work of others) that is to be inspected, tested, or approved is covered by Contractor without written concurrence of Engineer, Contractor shall, if requested by Engineer, uncover such Work for observation. Such uncovering will be at Contractor's expense unless Contractor had given Engineer timely notice of Contractor's intention to cover the same and Engineer had not acted with reasonable promptness in response to such notice.

14.03 *Defective Work*

A. *Contractor's Obligation*: It is Contractor's obligation to assure that the Work is not defective.

B. *Engineer's Authority*: Engineer has the authority to determine whether Work is defective, and to reject defective Work.

C. *Notice of Defects*: Prompt written notice of all defective Work of which Owner or Engineer has actual knowledge will be given to Contractor.

D. *Correction, or Removal and Replacement*: Promptly after receipt of written notice of defective Work, Contractor shall correct all such defective Work, whether or not fabricated, installed, or completed, or, if Engineer has rejected the defective Work, remove it from the Project and replace it with Work that is not defective.

E. *Preservation of Warranties*: When correcting defective Work, Contractor shall take no action that would void or otherwise impair Owner's special warranty and guarantee, if any, on said Work.

F. *Costs and Damages*: In addition to its correction, removal, and replacement obligations with respect to defective Work, Contractor shall pay all claims, costs, losses, and damages arising out of or relating to defective Work, including but not limited to the cost of the inspection, testing, correction, removal, replacement, or reconstruction of such defective Work, fines levied against Owner by governmental authorities because the Work is defective, and the costs of repair or replacement of work of others resulting from defective Work. Prior to final payment, if Owner and Contractor are unable to agree as to the measure of such claims, costs, losses, and damages resulting from defective Work, then Owner may impose a reasonable set-off against payments due under Article 15.

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14.04 *Acceptance of Defective Work*

A. If, instead of requiring correction or removal and replacement of defective Work, Owner prefers to accept it, Owner may do so (subject, if such acceptance occurs prior to final payment, to Engineer's confirmation that such acceptance is in general accord with the design intent and applicable engineering principles, and will not endanger public safety). Contractor shall pay all claims, costs, losses, and damages attributable to Owner's evaluation of and determination to accept such defective Work (such costs to be approved by Engineer as to reasonableness), and for the diminished value of the Work to the extent not otherwise paid by Contractor. If any such acceptance occurs prior to final payment, the necessary revisions in the Contract Documents with respect to the Work will be incorporated in a Change Order. If the parties are unable to agree as to the decrease in the Contract Price, reflecting the diminished value of Work so accepted, then Owner may impose a reasonable set-off against payments due under Article 15. If the acceptance of defective Work occurs after final payment, Contractor shall pay an appropriate amount to Owner.

14.05 *Uncovering Work*

A. Engineer has the authority to require additional inspection or testing of the Work, whether or not the Work is fabricated, installed, or completed.

B. If any Work is covered contrary to the written request of Engineer, then Contractor shall, if requested by Engineer, uncover such Work for Engineer's observation, and then replace the covering, all at Contractor's expense.

C. If Engineer considers it necessary or advisable that covered Work be observed by Engineer or inspected or tested by others, then Contractor, at Engineer's request, shall uncover, expose, or otherwise make available for observation, inspection, or testing as Engineer may require, that portion of the Work in question, and provide all necessary labor, material, and equipment.

1. If it is found that the uncovered Work is defective, Contractor shall be responsible for all claims, costs, losses, and damages arising out of or relating to such uncovering, exposure, observation, inspection, and testing, and of satisfactory replacement or reconstruction (including but not limited to all costs of repair or replacement of work of others); and pending Contractor's full discharge of this responsibility the Owner shall be entitled to impose a reasonable set-off against payments due under Article 15.

2. If the uncovered Work is not found to be defective, Contractor shall be allowed an increase in the Contract Price or an extension of the Contract Times, directly attributable to such uncovering, exposure, observation, inspection, testing, replacement, and reconstruction. If the parties are unable to agree as to the amount or extent thereof, then Contractor may submit a Change Proposal within 30 days of the determination that the Work is not defective.

14.06 *Owner May Stop the Work*

A. If the Work is defective, or Contractor fails to supply sufficient skilled workers or suitable materials or equipment, or fails to perform the Work in such a way that the completed Work will conform to the Contract Documents, then Owner may order Contractor to stop the Work, or any portion thereof, until the cause for such order has been eliminated; however, this right of Owner to stop the Work will not give rise to any duty on the part of Owner to exercise this

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right for the benefit of Contractor, any Subcontractor, any Supplier, any other individual or entity, or any surety for, or employee or agent of any of them.

14.07 *Owner May Correct Defective Work*

A. If Contractor fails within a reasonable time after written notice from Engineer to correct defective Work, or to remove and replace defective Work as required by Engineer, then Owner may, after 7 days' written notice to Contractor, correct or remedy any such deficiency.

B. In exercising the rights and remedies under this Paragraph 14.07, Owner shall proceed expeditiously. In connection with such corrective or remedial action, Owner may exclude Contractor from all or part of the Site, take possession of all or part of the Work and suspend Contractor's services related thereto, and incorporate in the Work all materials and equipment stored at the Site or for which Owner has paid Contractor but which are stored elsewhere. Contractor shall allow Owner, Owner's representatives, agents and employees, Owner's other contractors, and Engineer and Engineer's consultants access to the Site to enable Owner to exercise the rights and remedies under this paragraph.

C. All claims, costs, losses, and damages incurred or sustained by Owner in exercising the rights and remedies under this Paragraph 14.07 will be charged against Contractor as set-offs against payments due under Article 15. Such claims, costs, losses and damages will include but not be limited to all costs of repair, or replacement of work of others destroyed or damaged by correction, removal, or replacement of Contractor's defective Work.

D. Contractor shall not be allowed an extension of the Contract Times because of any delay in the performance of the Work attributable to the exercise by Owner of Owner's rights and remedies under this Paragraph 14.07.

ARTICLE 15—PAYMENTS TO CONTRACTOR; SET-OFFS; COMPLETION; CORRECTION PERIOD

15.01 *Progress Payments*

A. *Basis for Progress Payments*: The Schedule of Values established as provided in Article 2 will serve as the basis for progress payments and will be incorporated into a form of Application for Payment acceptable to Engineer. Progress payments for Unit Price Work will be based on the number of units completed during the pay period, as determined under the provisions of Paragraph 13.03. Progress payments for cost-based Work will be based on Cost of the Work completed by Contractor during the pay period.

B. *Applications for Payments*

1. At least 20 days before the date established in the Agreement for each progress payment (but not more often than once a month), Contractor shall submit to Engineer for review an Application for Payment filled out and signed by Contractor covering the Work completed as of the date of the Application and accompanied by such supporting documentation as is required by the Contract Documents.

2. If payment is requested on the basis of materials and equipment not incorporated in the Work but delivered and suitably stored at the Site or at another location agreed to in writing, the Application for Payment must also be accompanied by: (a) a bill of sale, invoice, copies of subcontract or purchase order payments, or other documentation establishing full payment by Contractor for the materials and equipment; (b) at Owner's request, documentation warranting that Owner has received the materials and

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equipment free and clear of all Liens; and (c) evidence that the materials and equipment are covered by appropriate property insurance, a warehouse bond, or other arrangements to protect Owner's interest therein, all of which must be satisfactory to Owner.

3. Beginning with the second Application for Payment, each Application must include an affidavit of Contractor stating that all previous progress payments received by Contractor have been applied to discharge Contractor's legitimate obligations associated with prior Applications for Payment.

4. The amount of retainage with respect to progress payments will be as stipulated in the Agreement.

C. *Review of Applications*

1. Engineer will, within 10 days after receipt of each Application for Payment, including each resubmittal, either indicate in writing a recommendation of payment and present the Application to Owner, or return the Application to Contractor indicating in writing Engineer's reasons for refusing to recommend payment. In the latter case, Contractor may make the necessary corrections and resubmit the Application.

2. Engineer's recommendation of any payment requested in an Application for Payment will constitute a representation by Engineer to Owner, based on Engineer's observations of the executed Work as an experienced and qualified design professional, and on Engineer's review of the Application for Payment and the accompanying data and schedules, that to the best of Engineer's knowledge, information and belief:

   a. the Work has progressed to the point indicated;

   b. the quality of the Work is generally in accordance with the Contract Documents (subject to an evaluation of the Work as a functioning whole prior to or upon Substantial Completion, the results of any subsequent tests called for in the Contract Documents, a final determination of quantities and classifications for Unit Price Work under Paragraph 13.03, and any other qualifications stated in the recommendation); and

   c. the conditions precedent to Contractor's being entitled to such payment appear to have been fulfilled in so far as it is Engineer's responsibility to observe the Work.

3. By recommending any such payment Engineer will not thereby be deemed to have represented that:

   a. inspections made to check the quality or the quantity of the Work as it has been performed have been exhaustive, extended to every aspect of the Work in progress, or involved detailed inspections of the Work beyond the responsibilities specifically assigned to Engineer in the Contract; or

   b. there may not be other matters or issues between the parties that might entitle Contractor to be paid additionally by Owner or entitle Owner to withhold payment to Contractor.

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4. Neither Engineer's review of Contractor's Work for the purposes of recommending payments nor Engineer's recommendation of any payment, including final payment, will impose responsibility on Engineer:

    a. to supervise, direct, or control the Work;

    b. for the means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto;

    c. for Contractor's failure to comply with Laws and Regulations applicable to Contractor's performance of the Work;

    d. to make any examination to ascertain how or for what purposes Contractor has used the money paid by Owner; or

    e. to determine that title to any of the Work, materials, or equipment has passed to Owner free and clear of any Liens.

5. Engineer may refuse to recommend the whole or any part of any payment if, in Engineer's opinion, it would be incorrect to make the representations to Owner stated in Paragraph 15.01.C.2.

6. Engineer will recommend reductions in payment (set-offs) necessary in Engineer's opinion to protect Owner from loss because:

    a. the Work is defective, requiring correction or replacement;

    b. the Contract Price has been reduced by Change Orders;

    c. Owner has been required to correct defective Work in accordance with Paragraph 14.07, or has accepted defective Work pursuant to Paragraph 14.04;

    d. Owner has been required to remove or remediate a Hazardous Environmental Condition for which Contractor is responsible; or

    e. Engineer has actual knowledge of the occurrence of any of the events that would constitute a default by Contractor and therefore justify termination for cause under the Contract Documents.

D. *Payment Becomes Due*

1. Ten days after presentation of the Application for Payment to Owner with Engineer's recommendation, the amount recommended (subject to any Owner set-offs) will become due, and when due will be paid by Owner to Contractor.

E. *Reductions in Payment by Owner*

1. In addition to any reductions in payment (set-offs) recommended by Engineer, Owner is entitled to impose a set-off against payment based on any of the following:

    a. Claims have been made against Owner based on Contractor's conduct in the performance or furnishing of the Work, or Owner has incurred costs, losses, or damages resulting from Contractor's conduct in the performance or furnishing of the Work, including but not limited to claims, costs, losses, or damages from workplace injuries, adjacent property damage, non-compliance with Laws and Regulations, and patent infringement;

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b. Contractor has failed to take reasonable and customary measures to avoid damage, delay, disruption, and interference with other work at or adjacent to the Site;

c. Contractor has failed to provide and maintain required bonds or insurance;

d. Owner has been required to remove or remediate a Hazardous Environmental Condition for which Contractor is responsible;

e. Owner has incurred extra charges or engineering costs related to submittal reviews, evaluations of proposed substitutes, tests and inspections, or return visits to manufacturing or assembly facilities;

f. The Work is defective, requiring correction or replacement;

g. Owner has been required to correct defective Work in accordance with Paragraph 14.07, or has accepted defective Work pursuant to Paragraph 14.04;

h. The Contract Price has been reduced by Change Orders;

i. An event has occurred that would constitute a default by Contractor and therefore justify a termination for cause;

j. Liquidated or other damages have accrued as a result of Contractor's failure to achieve Milestones, Substantial Completion, or final completion of the Work;

k. Liens have been filed in connection with the Work, except where Contractor has delivered a specific bond satisfactory to Owner to secure the satisfaction and discharge of such Liens; or

l. Other items entitle Owner to a set-off against the amount recommended.

2. If Owner imposes any set-off against payment, whether based on its own knowledge or on the written recommendations of Engineer, Owner will give Contractor immediate written notice (with a copy to Engineer) stating the reasons for such action and the specific amount of the reduction, and promptly pay Contractor any amount remaining after deduction of the amount so withheld. Owner shall promptly pay Contractor the amount so withheld, or any adjustment thereto agreed to by Owner and Contractor, if Contractor remedies the reasons for such action. The reduction imposed will be binding on Contractor unless it duly submits a Change Proposal contesting the reduction.

3. Upon a subsequent determination that Owner's refusal of payment was not justified, the amount wrongfully withheld will be treated as an amount due as determined by Paragraph 15.01.D.1 and subject to interest as provided in the Agreement.

15.02 *Contractor's Warranty of Title*

A. Contractor warrants and guarantees that title to all Work, materials, and equipment furnished under the Contract will pass to Owner free and clear of (1) all Liens and other title defects, and (2) all patent, licensing, copyright, or royalty obligations, no later than 7 days after the time of payment by Owner.

15.03 *Substantial Completion*

A. When Contractor considers the entire Work ready for its intended use Contractor shall notify Owner and Engineer in writing that the entire Work is substantially complete and request that Engineer issue a certificate of Substantial Completion. Contractor shall at the same time

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submit to Owner and Engineer an initial draft of punch list items to be completed or corrected before final payment.

B. Promptly after Contractor's notification, Owner, Contractor, and Engineer shall make an inspection of the Work to determine the status of completion. If Engineer does not consider the Work substantially complete, Engineer will notify Contractor in writing giving the reasons therefor.

C. If Engineer considers the Work substantially complete, Engineer will deliver to Owner a preliminary certificate of Substantial Completion which will fix the date of Substantial Completion. Engineer shall attach to the certificate a punch list of items to be completed or corrected before final payment. Owner shall have 7 days after receipt of the preliminary certificate during which to make written objection to Engineer as to any provisions of the certificate or attached punch list. If, after considering the objections to the provisions of the preliminary certificate, Engineer concludes that the Work is not substantially complete, Engineer will, within 14 days after submission of the preliminary certificate to Owner, notify Contractor in writing that the Work is not substantially complete, stating the reasons therefor. If Owner does not object to the provisions of the certificate, or if despite consideration of Owner's objections Engineer concludes that the Work is substantially complete, then Engineer will, within said 14 days, execute and deliver to Owner and Contractor a final certificate of Substantial Completion (with a revised punch list of items to be completed or corrected) reflecting such changes from the preliminary certificate as Engineer believes justified after consideration of any objections from Owner.

D. At the time of receipt of the preliminary certificate of Substantial Completion, Owner and Contractor will confer regarding Owner's use or occupancy of the Work following Substantial Completion, review the builder's risk insurance policy with respect to the end of the builder's risk coverage, and confirm the transition to coverage of the Work under a permanent property insurance policy held by Owner. Unless Owner and Contractor agree otherwise in writing, Owner shall bear responsibility for security, operation, protection of the Work, property insurance, maintenance, heat, and utilities upon Owner's use or occupancy of the Work.

E. After Substantial Completion the Contractor shall promptly begin work on the punch list of items to be completed or corrected prior to final payment. In appropriate cases Contractor may submit monthly Applications for Payment for completed punch list items, following the progress payment procedures set forth above.

F. Owner shall have the right to exclude Contractor from the Site after the date of Substantial Completion subject to allowing Contractor reasonable access to remove its property and complete or correct items on the punch list.

15.04 *Partial Use or Occupancy*

A. Prior to Substantial Completion of all the Work, Owner may use or occupy any substantially completed part of the Work which has specifically been identified in the Contract Documents, or which Owner, Engineer, and Contractor agree constitutes a separately functioning and usable part of the Work that can be used by Owner for its intended purpose without

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significant interference with Contractor's performance of the remainder of the Work, subject to the following conditions:

1. At any time, Owner may request in writing that Contractor permit Owner to use or occupy any such part of the Work that Owner believes to be substantially complete. If and when Contractor agrees that such part of the Work is substantially complete, Contractor, Owner, and Engineer will follow the procedures of Paragraph 15.03.A through 15.03.E for that part of the Work.

2. At any time, Contractor may notify Owner and Engineer in writing that Contractor considers any such part of the Work substantially complete and request Engineer to issue a certificate of Substantial Completion for that part of the Work.

3. Within a reasonable time after either such request, Owner, Contractor, and Engineer shall make an inspection of that part of the Work to determine its status of completion. If Engineer does not consider that part of the Work to be substantially complete, Engineer will notify Owner and Contractor in writing giving the reasons therefor. If Engineer considers that part of the Work to be substantially complete, the provisions of Paragraph 15.03 will apply with respect to certification of Substantial Completion of that part of the Work and the division of responsibility in respect thereof and access thereto.

4. No use or occupancy or separate operation of part of the Work may occur prior to compliance with the requirements of Paragraph 6.04 regarding builder's risk or other property insurance.

15.05 *Final Inspection*

A. Upon written notice from Contractor that the entire Work or an agreed portion thereof is complete, Engineer will promptly make a final inspection with Owner and Contractor and will notify Contractor in writing of all particulars in which this inspection reveals that the Work, or agreed portion thereof, is incomplete or defective. Contractor shall immediately take such measures as are necessary to complete such Work or remedy such deficiencies.

15.06 *Final Payment*

A. *Application for Payment*

1. After Contractor has, in the opinion of Engineer, satisfactorily completed all corrections identified during the final inspection and has delivered, in accordance with the Contract Documents, all maintenance and operating instructions, schedules, guarantees, bonds, certificates or other evidence of insurance, certificates of inspection, annotated record documents (as provided in Paragraph 7.12), and other documents, Contractor may make application for final payment.

2. The final Application for Payment must be accompanied (except as previously delivered) by:

   a. all documentation called for in the Contract Documents;

   b. consent of the surety, if any, to final payment;

   c. satisfactory evidence that all title issues have been resolved such that title to all Work, materials, and equipment has passed to Owner free and clear of any Liens or other title defects, or will so pass upon final payment.

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d. a list of all duly pending Change Proposals and Claims; and

e. complete and legally effective releases or waivers (satisfactory to Owner) of all Lien rights arising out of the Work, and of Liens filed in connection with the Work.

3. In lieu of the releases or waivers of Liens specified in Paragraph 15.06.A.2 and as approved by Owner, Contractor may furnish receipts or releases in full and an affidavit of Contractor that: (a) the releases and receipts include all labor, services, material, and equipment for which a Lien could be filed; and (b) all payrolls, material and equipment bills, and other indebtedness connected with the Work for which Owner might in any way be responsible, or which might in any way result in liens or other burdens on Owner's property, have been paid or otherwise satisfied. If any Subcontractor or Supplier fails to furnish such a release or receipt in full, Contractor may furnish a bond or other collateral satisfactory to Owner to indemnify Owner against any Lien, or Owner at its option may issue joint checks payable to Contractor and specified Subcontractors and Suppliers.

B. *Engineer's Review of Final Application and Recommendation of Payment*: If, on the basis of Engineer's observation of the Work during construction and final inspection, and Engineer's review of the final Application for Payment and accompanying documentation as required by the Contract Documents, Engineer is satisfied that the Work has been completed and Contractor's other obligations under the Contract have been fulfilled, Engineer will, within 10 days after receipt of the final Application for Payment, indicate in writing Engineer's recommendation of final payment and present the final Application for Payment to Owner for payment. Such recommendation will account for any set-offs against payment that are necessary in Engineer's opinion to protect Owner from loss for the reasons stated above with respect to progress payments. Otherwise, Engineer will return the Application for Payment to Contractor, indicating in writing the reasons for refusing to recommend final payment, in which case Contractor shall make the necessary corrections and resubmit the Application for Payment.

C. *Notice of Acceptability*: In support of its recommendation of payment of the final Application for Payment, Engineer will also give written notice to Owner and Contractor that the Work is acceptable, subject to stated limitations in the notice and to the provisions of Paragraph 15.07.

D. *Completion of Work*: The Work is complete (subject to surviving obligations) when it is ready for final payment as established by the Engineer's written recommendation of final payment and issuance of notice of the acceptability of the Work.

E. *Final Payment Becomes Due*: Upon receipt from Engineer of the final Application for Payment and accompanying documentation, Owner shall set off against the amount recommended by Engineer for final payment any further sum to which Owner is entitled, including but not limited to set-offs for liquidated damages and set-offs allowed under the provisions of this Contract with respect to progress payments. Owner shall pay the resulting balance due to Contractor within 30 days of Owner's receipt of the final Application for Payment from Engineer.

15.07 *Waiver of Claims*

A. By making final payment, Owner waives its claim or right to liquidated damages or other damages for late completion by Contractor, except as set forth in an outstanding Claim,

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appeal under the provisions of Article 17, set-off, or express reservation of rights by Owner. Owner reserves all other claims or rights after final payment.

B. The acceptance of final payment by Contractor will constitute a waiver by Contractor of all claims and rights against Owner other than those pending matters that have been duly submitted as a Claim, or appealed under the provisions of Article 17.

15.08 *Correction Period*

A. If within one year after the date of Substantial Completion (or such longer period of time as may be prescribed by the Supplementary Conditions or the terms of any applicable special guarantee required by the Contract Documents), Owner gives Contractor written notice that any Work has been found to be defective, or that Contractor's repair of any damages to the Site or adjacent areas has been found to be defective, then after receipt of such notice of defect Contractor shall promptly, without cost to Owner and in accordance with Owner's written instructions:

1. correct the defective repairs to the Site or such adjacent areas;
2. correct such defective Work;
3. remove the defective Work from the Project and replace it with Work that is not defective, if the defective Work has been rejected by Owner, and
4. satisfactorily correct or repair or remove and replace any damage to other Work, to the work of others, or to other land or areas resulting from the corrective measures.

B. Owner shall give any such notice of defect within 60 days of the discovery that such Work or repairs is defective. If such notice is given within such 60 days but after the end of the correction period, the notice will be deemed a notice of defective Work under Paragraph 7.17.B.

C. If, after receipt of a notice of defect within 60 days and within the correction period, Contractor does not promptly comply with the terms of Owner's written instructions, or in an emergency where delay would cause serious risk of loss or damage, Owner may have the defective Work corrected or repaired or may have the rejected Work removed and replaced. Contractor shall pay all costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such correction or repair or such removal and replacement (including but not limited to all costs of repair or replacement of work of others). Contractor's failure to pay such costs, losses, and damages within 10 days of invoice from Owner will be deemed the start of an event giving rise to a Claim under Paragraph 12.01.B, such that any related Claim must be brought within 30 days of the failure to pay.

D. In special circumstances where a particular item of equipment is placed in continuous service before Substantial Completion of all the Work, the correction period for that item may start to run from an earlier date if so provided in the Specifications.

E. Where defective Work (and damage to other Work resulting therefrom) has been corrected or removed and replaced under this paragraph, the correction period hereunder with respect to such Work will be extended for an additional period of one year after such correction or removal and replacement has been satisfactorily completed.

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F. Contractor's obligations under this paragraph are in addition to all other obligations and warranties. The provisions of this paragraph are not to be construed as a substitute for, or a waiver of, the provisions of any applicable statute of limitation or repose.

ARTICLE 16—SUSPENSION OF WORK AND TERMINATION

16.01 *Owner May Suspend Work*

A. At any time and without cause, Owner may suspend the Work or any portion thereof for a period of not more than 90 consecutive days by written notice to Contractor and Engineer. Such notice will fix the date on which Work will be resumed. Contractor shall resume the Work on the date so fixed. Contractor shall be entitled to an adjustment in the Contract Price or an extension of the Contract Times directly attributable to any such suspension. Any Change Proposal seeking such adjustments must be submitted no later than 30 days after the date fixed for resumption of Work.

16.02 *Owner May Terminate for Cause*

A. The occurrence of any one or more of the following events will constitute a default by Contractor and justify termination for cause:

1. Contractor's persistent failure to perform the Work in accordance with the Contract Documents (including, but not limited to, failure to supply sufficient skilled workers or suitable materials or equipment, or failure to adhere to the Progress Schedule);

2. Failure of Contractor to perform or otherwise to comply with a material term of the Contract Documents;

3. Contractor's disregard of Laws or Regulations of any public body having jurisdiction; or

4. Contractor's repeated disregard of the authority of Owner or Engineer.

B. If one or more of the events identified in Paragraph 16.02.A occurs, then after giving Contractor (and any surety) 10 days' written notice that Owner is considering a declaration that Contractor is in default and termination of the Contract, Owner may proceed to:

1. declare Contractor to be in default, and give Contractor (and any surety) written notice that the Contract is terminated; and

2. enforce the rights available to Owner under any applicable performance bond.

C. Subject to the terms and operation of any applicable performance bond, if Owner has terminated the Contract for cause, Owner may exclude Contractor from the Site, take possession of the Work, incorporate in the Work all materials and equipment stored at the Site or for which Owner has paid Contractor but which are stored elsewhere, and complete the Work as Owner may deem expedient.

D. Owner may not proceed with termination of the Contract under Paragraph 16.02.B if Contractor within 7 days of receipt of notice of intent to terminate begins to correct its failure to perform and proceeds diligently to cure such failure.

E. If Owner proceeds as provided in Paragraph 16.02.B, Contractor shall not be entitled to receive any further payment until the Work is completed. If the unpaid balance of the Contract Price exceeds the cost to complete the Work, including all related claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects,

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attorneys, and other professionals) sustained by Owner, such excess will be paid to Contractor. If the cost to complete the Work including such related claims, costs, losses, and damages exceeds such unpaid balance, Contractor shall pay the difference to Owner. Such claims, costs, losses, and damages incurred by Owner will be reviewed by Engineer as to their reasonableness and, when so approved by Engineer, incorporated in a Change Order. When exercising any rights or remedies under this paragraph, Owner shall not be required to obtain the lowest price for the Work performed.

F. Where Contractor's services have been so terminated by Owner, the termination will not affect any rights or remedies of Owner against Contractor then existing or which may thereafter accrue, or any rights or remedies of Owner against Contractor or any surety under any payment bond or performance bond. Any retention or payment of money due Contractor by Owner will not release Contractor from liability.

G. If and to the extent that Contractor has provided a performance bond under the provisions of Paragraph 6.01.A, the provisions of that bond will govern over any inconsistent provisions of Paragraphs 16.02.B and 16.02.D.

16.03 *Owner May Terminate for Convenience*

A. Upon 7 days' written notice to Contractor and Engineer, Owner may, without cause and without prejudice to any other right or remedy of Owner, terminate the Contract. In such case, Contractor shall be paid for (without duplication of any items):

1. completed and acceptable Work executed in accordance with the Contract Documents prior to the effective date of termination, including fair and reasonable sums for overhead and profit on such Work;

2. expenses sustained prior to the effective date of termination in performing services and furnishing labor, materials, or equipment as required by the Contract Documents in connection with uncompleted Work, plus fair and reasonable sums for overhead and profit on such expenses; and

3. other reasonable expenses directly attributable to termination, including costs incurred to prepare a termination for convenience cost proposal.

B. Contractor shall not be paid for any loss of anticipated profits or revenue, post-termination overhead costs, or other economic loss arising out of or resulting from such termination.

16.04 *Contractor May Stop Work or Terminate*

A. If, through no act or fault of Contractor, (1) the Work is suspended for more than 90 consecutive days by Owner or under an order of court or other public authority, or (2) Engineer fails to act on any Application for Payment within 30 days after it is submitted, or (3) Owner fails for 30 days to pay Contractor any sum finally determined to be due, then Contractor may, upon 7 days' written notice to Owner and Engineer, and provided Owner or Engineer do not remedy such suspension or failure within that time, terminate the contract and recover from Owner payment on the same terms as provided in Paragraph 16.03.

B. In lieu of terminating the Contract and without prejudice to any other right or remedy, if Engineer has failed to act on an Application for Payment within 30 days after it is submitted, or Owner has failed for 30 days to pay Contractor any sum finally determined to be due, Contractor may, 7 days after written notice to Owner and Engineer, stop the Work until payment is made of all such amounts due Contractor, including interest thereon. The

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provisions of this paragraph are not intended to preclude Contractor from submitting a Change Proposal for an adjustment in Contract Price or Contract Times or otherwise for expenses or damage directly attributable to Contractor's stopping the Work as permitted by this paragraph.

ARTICLE 17—FINAL RESOLUTION OF DISPUTES

17.01 *Methods and Procedures*

A. *Disputes Subject to Final Resolution*: The following disputed matters are subject to final resolution under the provisions of this article:

1. A timely appeal of an approval in part and denial in part of a Claim, or of a denial in full, pursuant to Article 12; and

2. Disputes between Owner and Contractor concerning the Work, or obligations under the Contract Documents, that arise after final payment has been made.

B. *Final Resolution of Disputes*: For any dispute subject to resolution under this article, Owner or Contractor may:

1. elect in writing to invoke the dispute resolution process provided for in the Supplementary Conditions;

2. agree with the other party to submit the dispute to another dispute resolution process; or

3. if no dispute resolution process is provided for in the Supplementary Conditions or mutually agreed to, give written notice to the other party of the intent to submit the dispute to a court of competent jurisdiction.

ARTICLE 18—MISCELLANEOUS

18.01 *Giving Notice*

A. Whenever any provision of the Contract requires the giving of written notice to Owner, Engineer, or Contractor, it will be deemed to have been validly given only if delivered:

1. in person, by a commercial courier service or otherwise, to the recipient's place of business;

2. by registered or certified mail, postage prepaid, to the recipient's place of business; or

3. by e-mail to the recipient, with the words "Formal Notice" or similar in the e-mail's subject line.

18.02 *Computation of Times*

A. When any period of time is referred to in the Contract by days, it will be computed to exclude the first and include the last day of such period. If the last day of any such period falls on a Saturday or Sunday or on a day made a legal holiday by the law of the applicable jurisdiction, such day will be omitted from the computation.

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18.03 *Cumulative Remedies*

A. The duties and obligations imposed by these General Conditions and the rights and remedies available hereunder to the parties hereto are in addition to, and are not to be construed in any way as a limitation of, any rights and remedies available to any or all of them which are otherwise imposed or available by Laws or Regulations, by special warranty or guarantee, or by other provisions of the Contract. The provisions of this paragraph will be as effective as if repeated specifically in the Contract Documents in connection with each particular duty, obligation, right, and remedy to which they apply.

18.04 *Limitation of Damages*

A. With respect to any and all Change Proposals, Claims, disputes subject to final resolution, and other matters at issue, neither Owner nor Engineer, nor any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors, shall be liable to Contractor for any claims, costs, losses, or damages sustained by Contractor on or in connection with any other project or anticipated project.

18.05 *No Waiver*

A. A party's non-enforcement of any provision will not constitute a waiver of that provision, nor will it affect the enforceability of that provision or of the remainder of this Contract.

18.06 *Survival of Obligations*

A. All representations, indemnifications, warranties, and guarantees made in, required by, or given in accordance with the Contract, as well as all continuing obligations indicated in the Contract, will survive final payment, completion, and acceptance of the Work or termination of the Contract or of the services of Contractor.

18.07 *Controlling Law*

A. This Contract is to be governed by the law of the state in which the Project is located.

18.08 *Assignment of Contract*

A. Unless expressly agreed to elsewhere in the Contract, no assignment by a party to this Contract of any rights under or interests in the Contract will be binding on the other party without the written consent of the party sought to be bound; and, specifically but without limitation, money that may become due and money that is due may not be assigned without such consent (except to the extent that the effect of this restriction may be limited by law), and unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under the Contract.

18.09 *Successors and Assigns*

A. Owner and Contractor each binds itself, its successors, assigns, and legal representatives to the other party hereto, its successors, assigns, and legal representatives in respect to all covenants, agreements, and obligations contained in the Contract Documents.

18.10 *Headings*

A. Article and paragraph headings are inserted for convenience only and do not constitute parts of these General Conditions.

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This document has important legal consequences; consultation with an attorney is encouraged with respect to its use or modification. This document should be adapted to the particular circumstances of the contemplated Project and the controlling Laws and Regulations.

SUPPLEMENTARY CONDITIONS OF THE CONSTRUCTION CONTRACT

Prepared By

EJCDC®
ENGINEERS JOINT CONTRACT DOCUMENTS COMMITTEE

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AMERICAN COUNCIL OF ENGINEERING COMPANIES

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AMERICAN SOCIETY OF CIVIL ENGINEERS

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CSI®
Building Knowledge
Improving Project Delivery

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SUPPLEMENTARY CONDITIONS OF THE CONSTRUCTION CONTRACT

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SUPPLEMENTARY CONDITIONS OF THE CONSTRUCTION CONTRACT

These Supplementary Conditions amend or supplement EJCDC® C-700, Standard General Conditions of the Construction Contract (2018). The General Conditions remain in full force and effect except as amended.

The terms used in these Supplementary Conditions have the meanings stated in the General Conditions. Additional terms used in these Supplementary Conditions have the meanings stated below, which are applicable to both the singular and plural thereof.

The address system used in these Supplementary Conditions is the same as the address system used in the General Conditions, with the prefix "SC" added—for example, “Paragraph SC-4.05.”

ARTICLE 5—SITE; SUBSURFACE AND PHYSICAL CONDITIONS; HAZARDOUS ENVIRONMENTAL CONDITIONS

5.06 Hazardous Environmental Conditions at Site

SC-5.06 Supplement Paragraph 5.06 with the following provisions after Paragraph 5.06.K:

L. Except for the sole negligence of City of Bethel and to the fullest extent permitted by law, the Contractor shall defend, indemnify and hold harmless City of Bethel and any of City of Bethel’s applicable subsidiaries, from any and all claims demands, losses, and liabilities to or by any third party, including, but not limited to costs, attorney’s fees, expenses and claims for any damages, contributions, or indemnification arising from, resulting from, or connected with contract services or supplies provided by, or performed under this contract by the Contractor, it’s agents, sub-contractors, suppliers, and employees, even though such claims may prove to be false, groundless, or fraudulent. The indemnification obligation under this contract shall not be limited in any way by any limitation on the amount or type of damages, compensation, or benefits payable to or for any third party, or any employee under any worker’s compensation act, disability benefit act, or other employee benefit act. Entitlement to recovery of costs, attorney fees and expenses under the indemnification obligation shall include all fees, costs, and expenses incurred in good faith by City of Bethel.

ARTICLE 6 – BONDS AND INSURANCE

6.03 *Contractor’s Insurance*

SC-6.03 Supplement Paragraph 6.03 with the following provisions after Paragraph 6.03.C:

D. The Contractor shall purchase from and maintain in a company or companies lawfully authorized to do business in the State of Alaska as admitted insurers or surplus lines insurers approved by City of Bethel, such insurance as will protect City of Bethel from claims set forth below and others, which may arise out of or as a result from the Contractor’s operations under this contract, whether such operations are by the Contractor or by a sub-contractor or by anyone directly or indirectly employed by any of them, or by anyone for whose acts any of them may be liable. Restrictions, conditions or

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exclusions contained in the insurance policies shall not reduce the obligations of the Contractor under this contract.

(a). Claims under worker's compensation, employers liability, disability benefits, and other similar employee benefit acts which are applicable to the work to be performed under this contract.

Claims for damages because of bodily injury, mental anguish, sickness, disease or death of any person other than the Contractor's employees.

Claims for damages insured by usual personal injury liability insurance coverage which are sustained (1). by a person as a result of an offense directly or indirectly related to the employment of such person by the Contractor, or (2). by any other person or entity.

Claims for damages, other than to the product supplied, or to the services performed, itself because of damage to or destruction of tangible property, including loss of use resulting there from.

Claims for damages because of bodily injury, including mental anguish, death of a person, or damage to property arising out of the ownership, maintenance or use of any motor vehicle.

Claims involving the Contractor's contractual obligations and assumption of liability under this contract.

Liability insurance shall include at a minimum, all major divisions of coverage and be on a commercial general liability form including:

Premises/Operations Liability
Products/Completed Operations Liability
Personal/Advertising Injury Liability
Fire Damage Liability
Medical Payments
Per Project Aggregate Provision - for all construction projects
Contractors Professional Liability

(b). The insurance required in II including subsection (a.), shall be written for not less than the limits listed in (c). below or those limits required by law, whichever limit is higher. Insurance, whether written on an occurrence, or a claims-made basis, shall be maintained without interruption from the date of commencement of the work to the date of final payment, or termination of any insurance required to be maintained after final payment.

(c) The limits of liability for the insurance required by Paragraph 6.03 of the General Conditions shall provide coverage for not less than the following amounts or greater where required by Laws and Regulations:

1. Workers' Compensation, and related coverages under Paragraphs 6.03.A.1 and A.2 of the General Conditions:

State:	Statutory
Federal, if applicable (e.g., Longshoreman's):	Statutory

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Employer's Liability:

Bodily injury, each accident	$500,000
Bodily injury by disease, each employee	$500,000
Bodily injury/disease aggregate	$500,000

2. Contractor's Commercial General Liability under Paragraphs 6.03.B and 6.03.C of the General Conditions:

Annual General Aggregate Limit of Liability	$2,000,000
Annual Products/Completed Operations Aggregate Limit of Liability	$2,000,000
Personal/Advertising Injury Limit of Liability per Occurrence	$1,000,000
Each Occurrence (Bodily Injury and Property Damage) Combined Single Limit of Liability per Occurrence	$1,000,000
Fire Damage Limit of Liability Any One Fire	**$**100,000
Medical Payment Limit Any One Person	**$5**,000

3. Automobile Liability under Paragraph 6.03.D. of the General Conditions:

Combined Single Limit $1,000,000

4. Excess or Umbrella Liability:

Per Occurrence	$4,000,000
General Aggregate	$4,000,000

5. Contractor's Pollution Liability:

Each Occurrence	NA
General Aggregate	NA

6. Commercial Excess Liability Insurance:

Combined Single Limit of Liability per Occurrence	$4,000,000
Annual Aggregate Limit of Liability	$4,000,000

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7. Additional Insureds: In addition to Owner and Engineer, include as additional insureds the following:

   a. City of Bethel

   b. DOWL

   c. EDC

8. Contractor's Professional Liability:

Each Claim	$2,000,000
Annual Aggregate	$5,000,000

9. Contract Bonds:

The contractor shall secure and deliver contract surety performance and payment bonds in the amount equal to 100% of the completed contract.

The Performance bond shall be issued on form AIA Document A311 or equivalent, and the Payment bond shall be issued on form AIA Document A312 or equivalent, or other bond document forms that have been pre-approved by City of Bethel.

7. Builders Risk – Property Insurance:

Special Form Coverage including the perils of Earthquake and Flood on a Builders Risk Completed Value Form.

Deductible expense should be incurred by the contractor only, and shall not exceed 5% of the contract value.

Limit of insurance equal to the completed value of the building structure, including all additions, and alterations to the new or existing facilities.

The policy shall list the owner, contractor, subcontractors, engineers and architects as a named insured, as their interest appears. This policy shall be secured at the expense of the contractor only. A copy of the policy will be delivered to City of Bethel, and any other insured entities at their request. This policy will remain in effect during the entire term of this contract.

(d) Worker's compensation insurance and employers liability insurance shall be in compliance with the statutory requirements of the State of Alaska, and any other statutory obligation, whether federal or state pertaining to compensation of injured employees. The worker's compensation insurance and employers liability insurance shall contain a waiver of subrogation provision in favor of City of Bethel and the State of Alaska.

(e). The commercial general liability and automobile liability insurance shall include City of Bethel and the State of Alaska as an additional insured and contain a waiver of subrogation provision in favor of both.

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(f). All liability insurance required of the contractor shall be primary. All liability insurance carried by City of Bethel is declared to be excess and non-contributory of any insurance carried by the contractor or subcontractors.

(g). Contractor's required insurance is subject to review and adjustment by City of Bethel, who may require reasonable changes in the amounts and types of insurance based upon changes of risk. Contractor shall be provided a written explanation for any such changes.

(h). Certificates of insurance acceptable to City of Bethel shall be filed with City of Bethel prior to the commencement of the beginning of any services by the Contractor. These certificates and the insurance policies shall contain a provision that the policy shall not be canceled until prior written notice has been sent to the insured (the Contractor).

If any of the insurance policies required above are canceled for any reason, the Contractor shall provide immediate notice to City of Bethel of the cancellation and either provide: evidence of replacement or notice of reinstatement. Immediately in this section means within five (5) business days of receipt of cancellation by the Contractor.

Failure to maintain these insurance provisions required of the Contractor or failure to immediately notify City of Bethel of cancellation shall be considered a material breach of this contract by the Contractor, subject to termination provisions of this contract.

ARTICLE 7 – CONTRACTOR'S RESPONSIBILITIES

7.03 *Labor; Working Hours*

SC-7.03 Amend the first and second sentences of Paragraph 7.03.C to state "…all Work at the Site must be performed during regular working hours."

SC-7.03 Add the following new subparagraphs immediately after Paragraph 7.03.C:

1. Regular working hours will be 7:00 am to 7:00 pm.

7.13 *Safety and Protection*

SC-7.13 Insert the following after the second sentence of Paragraph 7.13.G:

The Contractor is to prepare ad maintain a project specific health and safety plan. The health and safety plan will be subject to review and approval by Owner and Engineer.

ARTICLE 17 – FINAL RESOLUTIONS OF DISPUTES

SC-17.02 Add the following new paragraph immediately after Paragraph 17.01.

17.02 *Arbitration*

A. All matters subject to final resolution under this Article will be settled by arbitration administered by the American Arbitration Association in accordance with its Construction Industry Arbitration Rules (subject to the conditions and limitations of this Paragraph SC-17.02). Any controversy or claim in the amount of $100,000 or less will be settled in accordance with the American Arbitration Association's supplemental rules for Fixed Time and Cost Construction Arbitration. This agreement to arbitrate will be specifically enforceable under the prevailing law of any court having jurisdiction.

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B. The demand for arbitration will be filed in writing with the other party to the Contract and with the selected arbitration administrator, and a copy will be sent to Engineer for information. The demand for arbitration will be made within the specific time required in Article 17, or if no specified time is applicable within a reasonable time after the matter in question has arisen, and in no event will any such demand be made after the date when institution of legal or equitable proceedings based on such matter in question would be barred by the applicable statute of limitations.

C. The arbitrator(s) must be licensed engineers, contractors, attorneys, or construction managers. Hearings will take place pursuant to the standard procedures of the Construction Arbitration Rules that contemplate in-person hearings. The arbitrators will have no authority to award punitive or other damages not measured by the prevailing party's actual damages, except as may be required by statute or the Contract. Any award in an arbitration initiated under this clause will be limited to monetary damages and include no injunction or direction to any party other than the direction to pay a monetary amount.

D. The Arbitrators will have the authority to allocate the costs of the arbitration process among the parties, but will only have the authority to allocate attorneys' fees if a specific Law or Regulation or this Contract permits them to do so.

E. The award of the arbitrators must be accompanied by a reasoned written opinion and a concise breakdown of the award. The written opinion will cite the Contract provisions deemed applicable and relied on in making the award.

F. The parties agree that failure or refusal of a party to pay its required share of the deposits for arbitrator compensation or administrative charges will constitute a waiver by that party to present evidence or cross-examine witness. In such event, the other party shall be required to present evidence and legal argument as the arbitrator(s) may require for the making of an award. Such waiver will not allow for a default judgment against the non-paying party in the absence of evidence presented as provided for above.

G. No arbitration arising out of or relating to the Contract will include by consolidation, joinder, or in any other manner any other individual or entity (including Engineer, and Engineer's consultants and the officers, directors, partners, agents, employees or consultants of any of them) who is not a party to this Contract unless:

   1. the inclusion of such other individual or entity will allow complete relief to be afforded among those who are already parties to the arbitration;

   2. such other individual or entity is substantially involved in a question of law or fact which is common to those who are already parties to the arbitration, and which will arise in such proceedings;

   3. such other individual or entity is subject to arbitration under a contract with either Owner or Contractor, or consents to being joined in the arbitration; and

   4. the consolidation or joinder is in compliance with the arbitration administrator's procedural rules.

H. The award will be final. Judgment may be entered upon it in any court having jurisdiction thereof, and it will not be subject to modification or appeal, subject to provisions of the Laws and Regulations relating to vacating or modifying an arbitral award.

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I. Except as may be required by Laws or Regulations, neither party nor an arbitrator may disclose the existence, content, or results of any arbitration hereunder without the prior written consent of both parties, with the exception of any disclosure required by Laws and Regulations or the Contract. To the extent any disclosure is allowed pursuant to the exception, the disclosure must be strictly and narrowly limited to maintain confidentiality to the extent possible.

SC-19 Add the following new article immediately after Article 18:

ARTICLE 19 –FEDERAL REQUIREMENTS

19.01 This Project has been funded, in whole or in part, with federal grant funds. The following federal funding conditions apply to all aspects of work funded through this Agreement.

19.02 Participation by Disadvantaged Business Enterprises

The Borrower shall comply with the Disadvantaged Business Enterprise requirements of 40 CFR 33.301 and shall require its contractors and subcontractors to also meet these requirements.

The Borrower shall administer this loan in a non-discriminatory manner. No person shall be discriminated against based on race, religion, color, national origin, gender or disability. In addition, all contracts issued by the Borrower under this Agreement must include the following statement:

"The contractor shall not discriminate on the basis of race, color, national origin or sex in the performance of this contract. The contractor shall carry out applicable requirements of 40 CFR Part 33 in the award and administration of contracts awarded under EPA financial assistance agreements. Failure by the contractor to carry out these requirements is a material breach of this contract which may result in the termination of this contract or other legally available remedies."

19.03 Prohibition on Certain Telecommunications and Video Surveillance Services or Equipment

Per 2 CRF 200.21 G, Federal funds, including State Revolving Fund loans, may not be used to procure or obtain equipment, systems, services that use telecommunications equipment or services produced as a substantial or essential component of any system, or as critical technology as part of any system.

As described in section 889 of Public Law 115-232, covered telecommunications equipment or services includes:

a. Telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation (er any subsidiary or affiliate of such entities).

b. For the purpose of public safety, surveillance of critical infrastructure, of government facilities, physical security other national security purposes, video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsiding or affiliate of such entities).

c. Telecommunications or video surveillance services provided by such entities or

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using such equipment.

d. Telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, in consultation with the Director of the National Intelligence or the Director of the Federal **Bureau** of Investigation, reasonably believes to be an entity owned or controlled by, or otherwise connected to, the government of a covered foreign country.

19.04 AMERICAN IRON & STEEL COMPLIANCE STATEMENT

The Consolidated Appropriations Act of 2014 **(**Public Law 113-76) includes an American Iron and Steel (AIS) requirement. Clean Water State Revolving Fund (CWSRF) and Drinking Water State Revolving Fund (DWSRF) assistance recipients are required to use iron and steel products that are produced in the United States for projects for the construction, alteration, maintenance, or repair of a public water system or treatment works and if the project is funded through an assistance agreement executed beginning January 17, 2014 (enactment of the Act), through the end of Fiscal Year 2014. The expiration date was amended multiple times and the expiration was removed in 2021.

All parties are required to comply with these requirements and to ensure that all iron and steel products used in this project must be produced in the United States.

The term “iron and steel products” means the following products made primarily of iron or steel: lined or unlined pipes and fittings, manhole covers and other municipal castings, hydrants, tanks, flanges, pipe clamps and restraints, valves, structural steel, reinforced precast concrete, and construction materials.

19.05 The Contractor shall comply with all applicable federal statutes, regulations, ordinances and codes, whether or not specifically mentioned herein including:

A. Americans with Disabilities Act of 1990

B. Section 504 of the Rehabilitation Act of 1973

C. Title VI of the Civil Rights Act of 1965

D. Age Discrimination Act of 1975

E. Equal Employment Opportunity Executive Orders

F. Copeland Anti-Kickback Act

G. Davis-Bacon Act

H. Contract Work Hours and Safety Standards Act

I. Debarment and Suspension Executive Order 1259

J. Bayh-Dole Act

K. Byrd Anti-Lobbying Amendment

L. Drug Free Workplace Act

M. Hotel-Motel Fire Safety Act

N. Clean Air and Clean Water Act

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O. 2 CFR 200 Uniform Administrative Requirements, Cost Principles, and Audit Requirements

19.06 The Contractor shall notify the Owner and Engineer immediately upon determination of any Conflict of Interest as defined and described in the Environmental Protection Agency's Conflict of Interest policy found at: https://www.epa.gov/grants/epas-financial-assistance-conflict-interest-policy

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SECTION 01 00 00
GENERAL REQUIREMENTS

PART 1 - PART 1 –SCOPE OF WORK

1.01 General

The Project consists of replacing the pumps, controls, and heat add system for the QFC #2 lift station and providing temporary bypass pumping at the FAA and QFC #2 during the duration of construction.

PART 2 - EXTRA OR DISPUTED WORK REPORTS

2.01 If payment for work performed is to be based on time and materials, or if a claim is contemplated in which time and material reports would assist in settling the claim, the Contractor shall maintain adequate records on the Daily Report forms available from the Engineer. The reported work shall have the Engineer's signature to indicate his concurrence prior to being submitted to the Contract Administrator within 48 hours of the time the work was performed. Concurrence by the Engineer does not indicate agreement to or authorization of "extra work" or "extra payment" but rather indicates agreement that the work effort recorded during that time period was in fact done.

PART 3 - MATERIAL TESTING AND INSPECTION

3.01 Contractor's Obligation

A. The Contractor shall obtain and pay for all testing that may be necessary to qualify Contractor-furnished materials for use in the work. This shall include material quality tests, mix designs, equipment and plant calibration, and other similar tests required to qualify Contractor-furnished materials for compliance with the specifications. The Contractor shall submit test results to the Engineer sufficiently in advance of the work so that approval to proceed is received by the Contractor prior to using that material in the work.

B. Samples of material required for testing shall be furnished by the Contractor.

C. The Contractor is responsible for coordinating with the Engineer and requesting all testing, including field testing paid for by the Owner.

D. The Contractor shall pay for all failing field tests performed to monitor construction control of the materials used in the work.

E. The Contractor shall comply with the testing requirements as outlined in the Special Provisions.

3.02 Owner's Obligation

The Owner will be provide an on-site inspection presence throughout the project.

PART 4 - WEATHER LIMITATIONS

4.01 The Contractor shall protect each increment of completed work against detrimental effects due to weather, by approved methods. Any increment of completed work that is

damaged by freezing or rain, shall be reconditioned, reshaped, re-compacted, or replaced by the Contractor in conformance with the requirements of this specification without additional cost to the Owner.

PART 5 - NOTICE TO BE GIVEN

5.01 The local QFC#2 Lift Station Improvements contact shall be Bill Arnold, warnold@cityofbethel.net, (907) 545-0111. Communications with the local contact shall be in addition to all specified communications with the Owner.

5.02 Given bypass pumping will be required from FAA lift station, the City must be given notice at least three (3) business days prior to the City's need to evacuate the FAA lift station bypass tanks. The City will be responsible for evacuating and disposing of sewage at the City's lagoon.

PART 6 - LABOR STANDARDS, REPORTING, AND PREVAILING WAGE RATES DETERMINATIONS

6.01 The prevailing wage rates of the State of Alaska apply to this contract as do any requirements of the State of Alaska associated with the use of these State prevailing wages.

PART 7 - EXECUTION OF WORK

7.01 Disturbing Existing Monuments and Property Corners

Should the Contractor’s normal prosecution of work require that he disturb any property corners or survey monuments, he shall re-establish them after completion of the project and at no additional cost to the Owner. All referencing and re-establishment of property corners and survey monuments shall be performed by a Land Surveyor registered in the State of Alaska.

7.02 Construction Survey

All construction survey stakes will be placed by the Contractor, based on the reference points indicated in the Drawings.

END OF GENERAL REQUIREMENTS

SECTION 01 00 01
METHOD OF MEASUREMENT AND BASIS OF PAYMENT
PART 1 – GENERAL

1.01 SCOPE

A. This section describes the method of measurement and basis of payment.

1.02 GENERAL

A. The total bid price for each item of the Contract shall cover all work shown on the Construction Drawings and required by the Specifications and other Contract Documents. All costs in connection with the Work, including furnishing all materials, equipment, supplies and appurtenances; providing all construction, equipment, and tools, performing all necessary labor and supervision to fully complete the Work and associated start-up and Commissioning, shall be included in the lump sum bid prices. No item required by the Contract Documents for the proper and successful completion of the Work will be paid for outside of or in addition to the prices submitted in the bid. All work not specifically set forth as a pay item in the Bid Form included but not limited to reclamation, sodding, topsoil, seed, reinstalling existing signs and fences, replacing construction caused damaged signs and driveways, shall be considered a subsidiary obligation of the Contractor and all costs in connection therewith shall be included in the bid prices. Bid prices will also apply to additional similar work that is not shown on the plans that the Engineer may require to be installed during the project.

1.03 ESTIMATED QUANTITIES

A. The basis of payment for work and materials will be by lump sum. The Contractor shall supply a schedule of values for each lump sum item to be reviewed and approved by the Engineer.

B. If the Contractor desires to receive payment for materials in storage for any bid item, the Contractor shall provide a breakout of all materials and their actual costs for that bid item. The Contractor shall furnish the Engineer copies of the supplier's invoices relating to the breakout to verify all materials being requested for payment under that bid item. The Contractor shall furnish copies of the required invoices no later than 5 business days before the cut-off-date of each progress payment. Invoices received later than 5 business days before the cutoff date will not be included in that progress payment. Materials in storage will only be paid for major bid items and will not be paid for associated items such as nuts, bolts, glue, gaskets, tools, etc. Materials in storage are Contractor responsibility and Contractor must provide insurance to cover any loss, theft, damage, etc. Quantities to be utilized on the monthly pay request will be based on signed daily quantities.

C. The following applies to materials in storage; materials in storage will only be allowed on the first three pay requests received from the Contractor unless otherwise agreed to by the Engineer. Materials in storage must be tied to an actual bid item, and quantities

in storage must be removed from the storage quantity as work progresses. All materials in storage will be removed from the pay estimate no later than the sixth pay estimate, for each construction season. Any materials ordered and stored over the winter shall be secured and properly covered in accordance with the material manufacture's recommendations and per the Engineer's directions.

D. Contractor shall develop a form on which to record the percent complete for all lump sum bid items and submit the form at the preconstruction meeting, to the Engineer for approval. At the end of each pay period the Engineer and Contractor must agree on bid schedule values and the percent completion actually installed. A copy signed by the Contractor must be distributed to the Resident Project Representative on a monthly basis 5 days before the monthly pay period ends. Payment for lump sum items shall be made in accordance with the agreed upon percent complete each progress payment.

E. In addition to the other incidental items of WORK listed elsewhere in the contract, the following items shall also be considered as incidental to other items of WORK under this contract:

1. Maintenance of all services through the Project area including power, water, storm and sanitary sewers, garbage pickup, mail delivery and emergency vehicles.
2. Traffic control, including flaggers, and installation and maintenance of traffic control devices in accordance with the Manual of Uniform Traffic Control Devices – Millennium Edition (MUTCD) and the current AKDOT&PF supplements.
3. Repair or replacement of existing adjacent facilities including piping, landscaping, steel, timber, concrete and asphalt items, if damaged by the CONTRACTOR.
4. Final clean-up and site restoration.
5. All WORK necessary for coordination of work to be accomplished by the private utility companies and property owners within the Project limits.
6. Removal and replacement of survey monuments and markers disturbed during construction, whether shown on the Drawings or not.
7. All fittings required for storm, water and sanitary sewer pipes.
8. Watering of the project site as necessary for dust control.
9. Crack sealing all sawcut pavement joints following paving operations.
10. Restoration and grading of all disturbed areas as necessary to provide a smooth transition to existing ground surfaces.
11. All WORK required to notify utility users of pending utility shut downs.
12. All sawcutting required for connections to existing asphalt pavement surfaces, concrete surfaces and curbs.
13. Furnishing and installing all temporary construction fencing necessary during construction.

METHOD OF MEASUREMENT AND BASIS OF PAYMENT

Bidders are to submit a bid for all work, and the City intends to award a contract immediately for work in the Base Bid, and award subsequent work authorizations for work in the Additive Alternates as funding allows.

A. BASE BID SCHEDULE

101 Mobilization and Demobilization (Lump Sum)
Payment will be made on a lump sum basis for all Contractor Mobilization and Demobilization efforts. Disposal of unsalvageable materials at local landfill shall be incidental to Mobilization and Demobilization. Bonding and Insurance requirements shall be incidental to this Pay Item.

102 Lift Station Bypass at QFC#2 and FAA Lift Stations (Lump Sum)
Payment will be made on a lump sum basis for all work associated with providing temporary bypass at the FAA and QFC lift stations as necessitated to facilitate the Base Bid construction items. All construction shall be in accordance with the Drawings specified herein, Sheet No. C04 and C05

103 QFC#2 Lift Station Improvements (Lump Sum)
Payment will be made on a lump sum basis for all work associated with completing construction of the improvements to QFC#2 Lift Station.

104 Startup and Commissioning (Lump Sum)
Payment will be made on a lump sum basis for all work associated with commissioning all lift station systems.

105 Project Documentation, Record Drawings, and Close-out (Lump Sum)
Payment will be made on a lump sum basis for all work associated with submitting record drawings for review and approval by the Engineer.

END OF SECTION 01 00 01

SIGNATURE AND VERIFICATION OF ANTI-COLLUSION

By signing below, I hereby acknowledge the following:

1. Bidder, nor any of their representatives or third party mandated by Bidder, has attempted to contact City representatives or members of the selection committee for the purpose of influencing their choice, judgment or recommendation relating to the contract, or with members of the City Council to influence their decision.

2. Bidder has produced the bid package without collusion, communication, agreement or arrangement with a competitor with regards to price, methods, factors or formulas for setting prices, to the decision to submit a bid package or to present a bid package that does not comply, directly or indirectly, with specifications contained in the Request for Bids.

3. Neither the Bidder nor any of its representatives engaged in discrimination, intimidating measures, influence peddling or corruption or entered into any form of collusion, communication, agreement or arrangement with other suppliers or third parties relating to a contract with the City of Bethel.

4. If selected, neither Bidder nor any of its representatives will engage in discriminating against any person because of race, color, religion (creed), gender, gender expression or identity, age, national origin (ancestry), disability, marital status, sexual orientation, military status, political affiliation, or any other status protected by law.

5. Failure to complete and attach this sworn declaration shall result in automatic rejection of the bid.

6. In the event that the Bidder, or a representative or third party mandated by them, has violated any of the statements above, the Bidder's proposal shall be automatically rejected.

7. The City may cancel a contract that has been awarded if the City becomes aware, during the course of the contract, of a situation contravening any sworn statement required by this section.

_____

Signature Date

_____

Printed Name

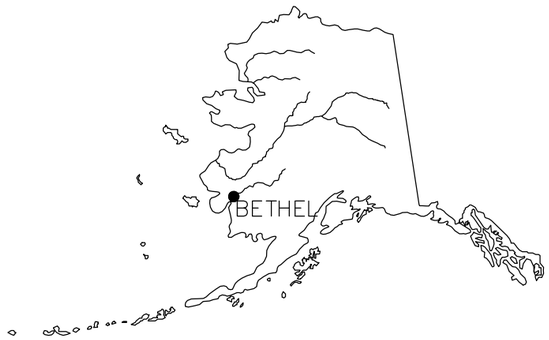
ALASKA NOTARY ACKNOWLEDGMENT

State of Alaska
Judicial District or County of [DISTRICT OR COUNTY]
Or Municipality of [MUNICIPALITY]

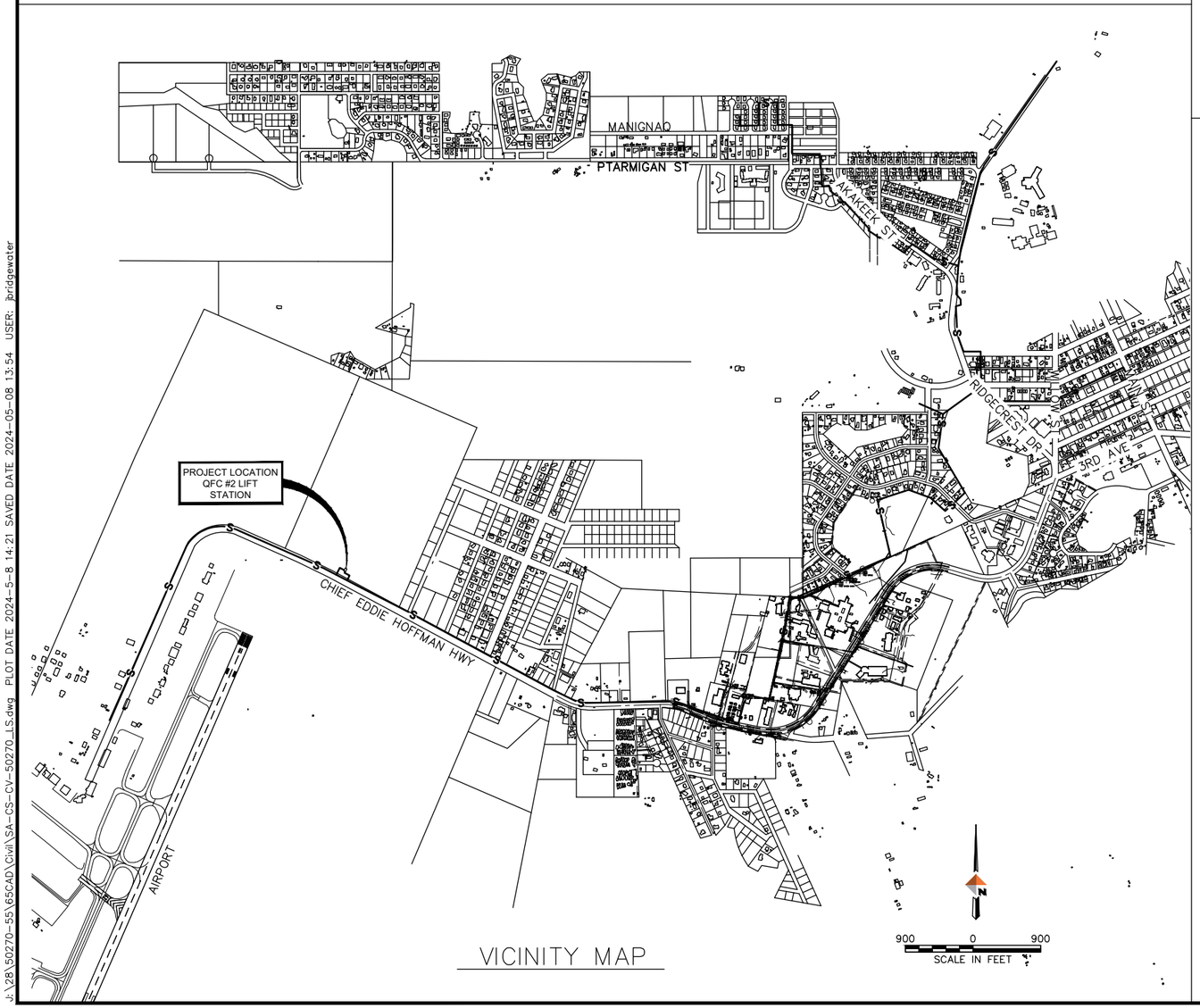
On this [DATE], before me, the undersigned notary public, personally appeared: [SIGNER'S NAME] known to me to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged that he/she/they executed the same for the purposes therein contained.

In witness whereof, I hereunto set my hand and official seal.

_____
Signature of Person Taking Acknowledgment
Title or Rank: [TITLE OR RANK]
Serial Number, if any: [SERIAL NUMBER]
My Commission Expires: [MM/DD/YYYY]



LOCATION MAP



VICINITY MAP

QFC #2 LIFT STATION REPAIRS

CITY OF BETHEL
BETHEL, ALASKA

SHEET INDEX

SHEET NO.	TITLE
G-01	COVER SHEET
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C-02	PUMP INSTALLATION DETAILS
C-03	PUMP STATION MODIFICATIONS
C-04	BY-PASS PUMPING PLAN - FAA LIFT STA.
C-05	BY-PASS PUMPING PLAN - QFC # 2 LIFT STA.
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M-101	MECHANICAL PLAN - DEMOLITION
M-102	MECHANICAL GROUND LEVEL FLOOR PLAN
M-103	HYDRONIC SYSTEM SCHEMATIC
E-001	ELECTRICAL LEGEND ABBREVIATIONS & SCHEDULE
E-101	ELECTRICAL FLOOR PLAN AND SECTION - EXISTING & DEMOLITION
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E-103	ELECTRICAL FLOOR PLAN AND SECTION - CONTROLS_INSTRUMENTATION
E-601	POWER ONE LINE DIAGRAMS
E-602	ELECTRICAL SCHEDULES
E-603	PHOTOS OF EXISTING EQUIPMENT
E-604	ELECTRICAL SCHEMATICS AND DETAILS
E-605	BOILER AND GLYCOL HT CONTROLLER SCHEMATICS
E-701	CONTROL PANEL FUNCTIONAL NARRATIVE
E-702	PLC PANEL LAYOUT
E-703	PLC RACK VIEW
E-704	PLC DISCRETE INPUTS
E-705	PLC DISCRETE INPUTS
E-706	PLC DISCRETE OUTPUTS
E-707	PLC ANALOG INPUTS
E-708	PLC ANALOG INPUTS
E-709	MOTOR STARTER PANEL GMC-1 LAYOUT
E-710	MOTOR STARTER PANEL GMC-1 SCHEMATIC (1 OF 2)
E-711	MOTOR STARTER PANEL GMC-1 SCHEMATIC (2 OF 2)
E-712	GLYCOL HEATING PUMP CP-3A_CP-3B SCHEMATIC (1 OF 2)
E-713	GLYCOL HEATING PUMP CP-3A_CP-3B SCHEMATIC (2 OF 2)
E-714	BOILER CIRC PUMP SCHEMATIC

PREPARED FOR:

CITY OF BETHEL
P.O. BOX 1388
BETHEL AK, 99559

PREPARED BY:

DOWL
WWW.DOWL.COM
5015 Business Park Blvd, Suite 4000
Anchorage, Alaska 99503
907-562-2000

EDC, INC.
1500 W 33RD AVE STE 100
ANCHORAGE, AK 99503
(907) 276-7933
LICENSE NO. AECC705

BID DOCUMENTS

REVISIONS			
REV	DATE	DESCRIPTION	BY
1	11/28/23	REVIEW COMMENTS	PY

STATE OF ALASKA
49TH
Andrew Mattie
CE 131531
REGISTERED PROFESSIONAL ENGINEER
03/06/2024

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AECL848
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907-562-2000

QFC #2 LIFT STATION REPAIRS
CITY OF BETHEL

COVER SHEET

BETHEL, ALASKA

PROJECT 1528.50270.55
DATE 11/06/2023

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SHEET
G-01

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LEGEND

EXISTING	PROPOSED	
		ASPHALT EDGE
		BUILDING
		CENTERLINE
C		COMMUNICATIONS LINE
		CULVERT / CASING PIPE
		DOT ROW
		EASEMENT
OE		OVERHEAD ELECTRICAL LINE
		EXISTING GROUND (PROFILE)
X X		FENCE
FO		FIBER OPTIC
	G	GLYCOL
		GRAVEL EDGE
		LUMINAIRE
20		MAJOR CONTOUR
		MINOR CONTOUR
		PIPE SUPPORTS
		POWER POLE WITH GUY WIRE
		PROPERTY LINE
S	S	SANITARY SEWER LINE
		SIGN
		WATER BODY
W		WATER LINE

ABBREVIATIONS

AL	ALUMINUM
AIP	ARCTIC INSULATED PIPE
APPROX	APPROXIMATELY
BOP	BOTTOM OF PIPE
CMP	CORRUGATED METAL PIPE
CITY	CITY OF BETHEL
COMM	COMMUNICATION
CY	CUBIC YARD
DIA	DIAMETER
DTL	DETAIL
DIP	DUCTILE IRON PIPE
EX	EXISTING
FF	FINISHED FLOOR
FT	FEET
GPM	GALLONS PER MINUTE
IFM	INFLOW FORCE MAIN
LF	LINEAR FEET
LS	LIFT STATION
MAX	MAXIMUM
MH	MANHOLE
MIL	MILLIMETER
MIN	MINIMUM
NFS	NON-FROST SUSCEPTIBLE
NO	NUMBER
NTS	NOT TO SCALE
OC	ON CENTER
PE	POLYETHYLENE
PSI	POUNDS PER SQUARE INCH
ROW	RIGHT OF WAY
SHT	SHEET
SIM	SIMILAR
SPECS	SPECIFICATIONS
SS	STAINLESS STEEL
STA	STATION
TYP	TYPICAL

GENERAL NOTES:

1. INFORMATION ON EXISTING UTILITIES AND BUILDINGS SHOWN ARE TAKEN FROM EXISTING RECORDS OR ESTIMATED BY OTHER MEANS AND ARE SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR. BOTH LOCATIONS AND DEPTHS TO UTILITIES ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL CONTACT ALL UTILITY OWNERS AND CONFIRM LOCATIONS OF EXISTING UTILITIES.
2. THE CONTRACTOR SHALL FOLLOW ALL CITY DIRECTION AND REGULATIONS FOR NOISE, DUST CONTROL, AND HOURS OF OPERATION.
3. ELEVATIONS SHOWN ARE TO PIPE INVERT, FLOW LINE OR TOP OF FINISHED SURFACE UNLESS OTHERWISE NOTED.
4. CONTRACTOR SHALL MAINTAIN "AS-BUILT" DRAWINGS ARE REDLINES ON A CLEAN SET OF CONSTRUCTION DRAWINGS AND SHALL BE AVAILABLE TO THE ENGINEER FOR INSPECTION ON THE JOB SITE. CONTRACTOR TO RECORD DEVIATIONS FROM THE PLANS.

GENERAL PIPING NOTES:

1. ALL JOINTS SHALL BE WATERTIGHT.
2. WHERE CONNECTIONS ARE MADE TO EXISTING PIPING, CONTRACTOR TO VERIFY ALL LOCATIONS AND DIMENSIONS.
3. COORDINATE ALL CONNECTIONS TO EXISTING PIPING SYSTEMS WITH OWNER'S REPRESENTATIVE OR THE CITY.
4. CONTRACTOR IS TO PROPERLY DISPOSE OF ALL LIFT STATION COMPONENTS PER STATE REGULATIONS.
5. ALL SS BOLTS WILL BE TIGHTENED PER MANUFACTURER'S TORQUE REQUIREMENTS.
6. ALL GLYCOL CARRIER PIPE SHALL BE PROTECTED BY CONTRACTOR DURING CONSTRUCTION AND VALVE CUT-IN OPERATIONS. ANY DAMAGED GLYCOL CARRIER PIPING SHALL BE REPAIRED IN KIND THAT DAY.

GENERAL LIFT STATION CONSTRUCTION NOTES:

1. CONTRACTOR SHALL MAINTAIN OPERATION OF EXISTING LIFT STATION THROUGHOUT CONSTRUCTION OF NEW LIFT STATION. IN CASE OF EMERGENCY, CONTACT BETHEL PUBLIC WORKS AT 907-545-0168.
2. ALL SWITCHOVER OPERATIONS FROM THE EXISTING LIFT STATION TO THE NEW LIFT STATION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THIS INCLUDES BY-PASS PUMPING REQUIRED TO KEEP SEWER COLLECTION IN CONTINUOUS OPERATION.

BID DOCUMENTS

REVISIONS			
REV	DATE	DESCRIPTION	BY
1	11/28/23	REVIEW COMMENTS	PY

STATE OF ALASKA 49TH
Andrew Mattie
CE 131531
REGISTERED PROFESSIONAL ENGINEER
03/06/2024

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907-562-2000

QFC #2 LIFT STATION REPAIRS
CITY OF BETHEL

NOTES AND LEGENDS

BETHEL, ALASKA

PROJECT 1528.50270.55
DATE 11/06/2023

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SHEET
G-02

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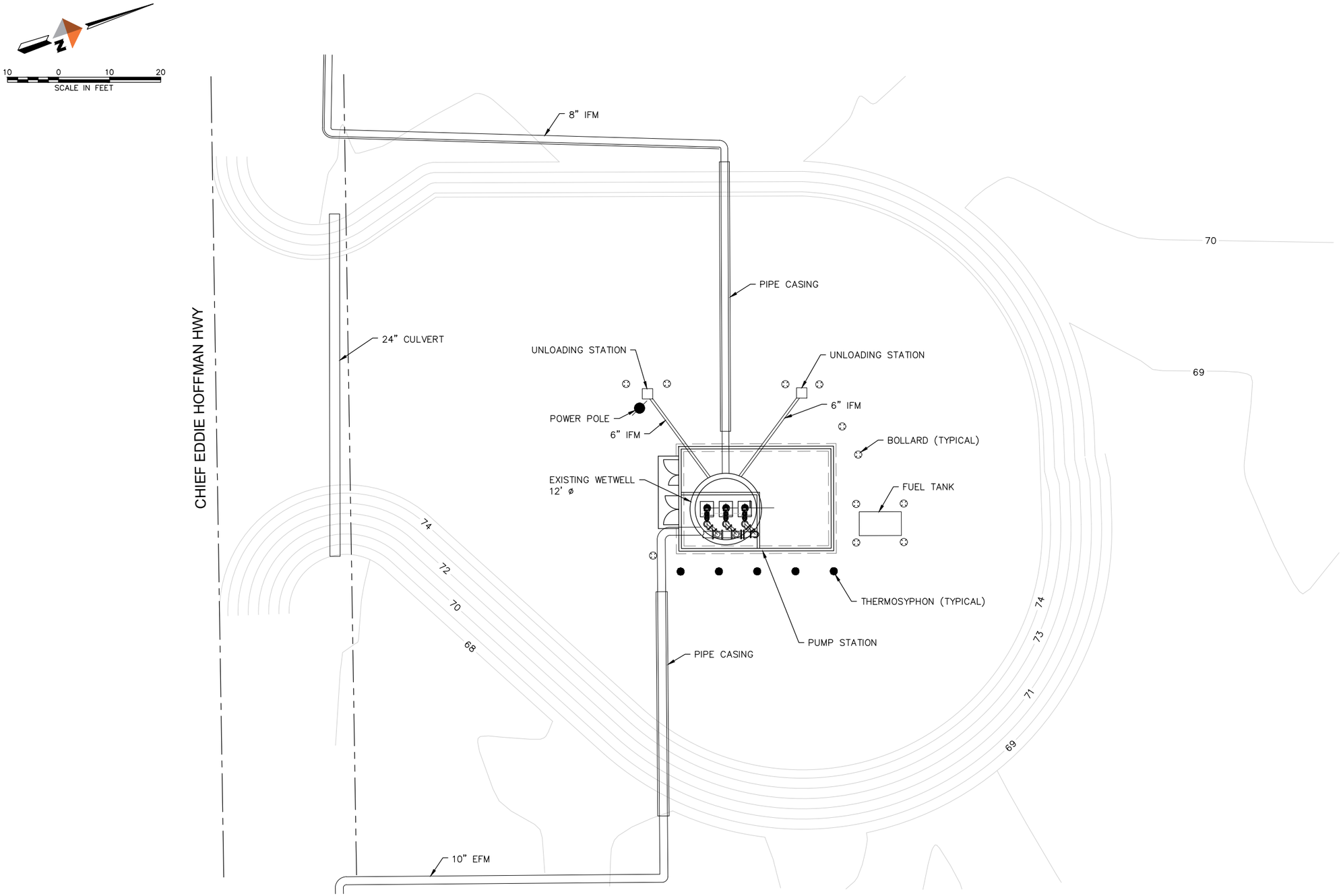

BID DOCUMENTS

REVISIONS			
REV	DATE	DESCRIPTION	BY
1	11/28/23	REVIEW COMMENTS	PY

STATE OF ALASKA
49TH
Andrew Mattie
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03/06/2024

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QFC #2 LIFT STATION REPAIRS
CITY OF BETHEL

EXISTING SITE PLAN

BETHEL, ALASKA

PROJECT 1528.50270.55
DATE 11/06/2023

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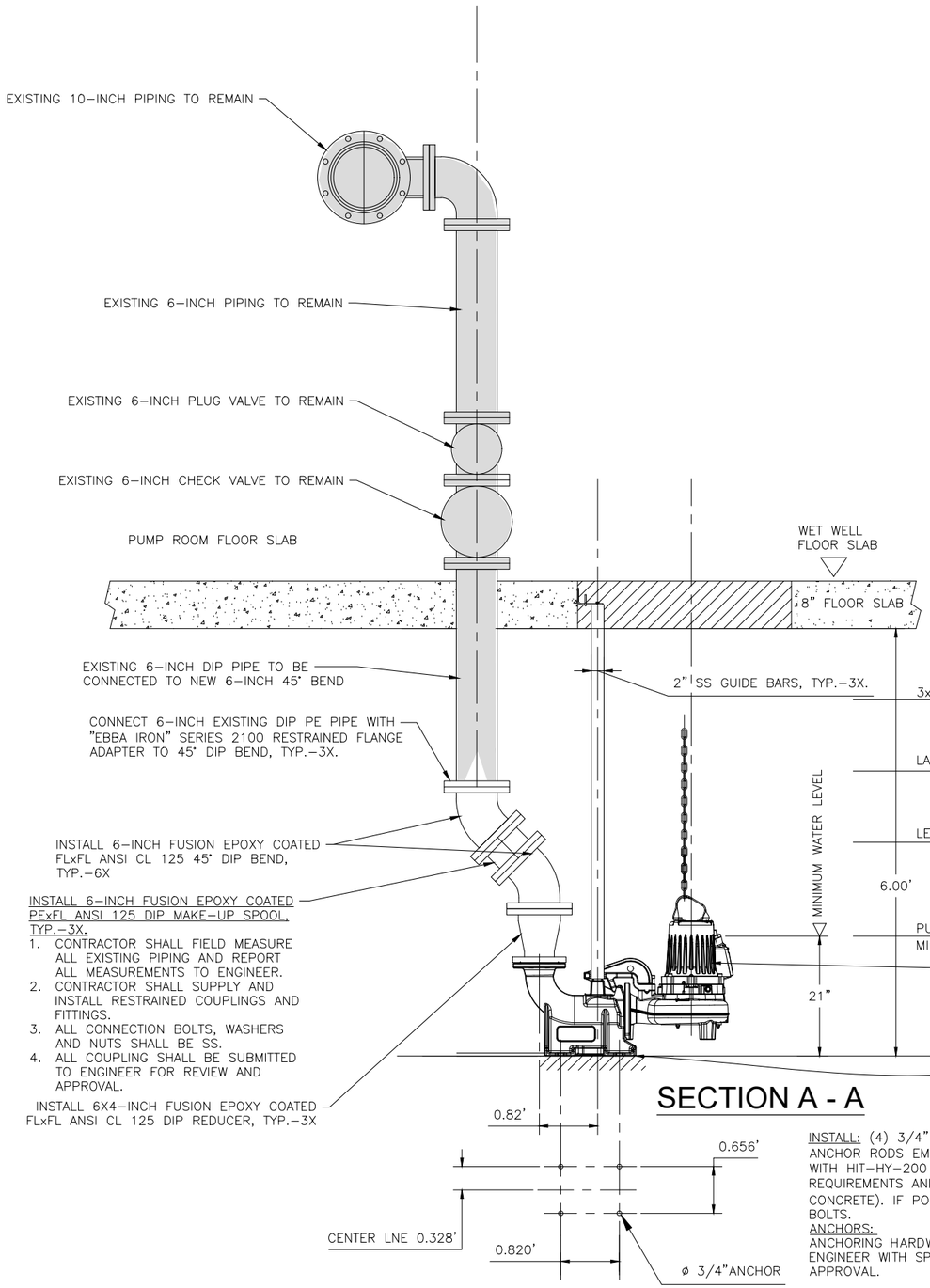
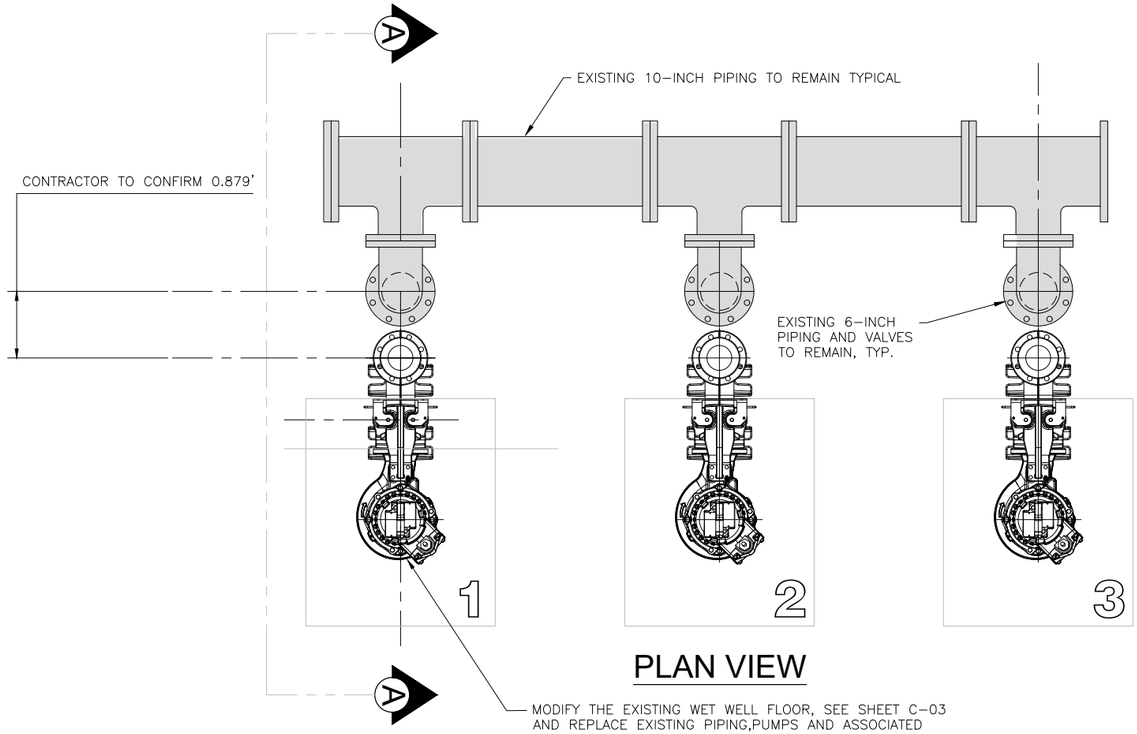


SECTION A - A

INSTALL: (4) 3/4" "HILTI" 316 SS HIT–Z–R ANCHOR RODS EMBEDDED 7–34" IN BASE SLAB WITH HIT–HY–200 ADHESIVE INSTALLED PER MANUFACTURER REQUIREMENTS AND SPECIFICATIONS (IF DRILLED INTO CONCRETE). IF POURED USE 6–INCH LONG ¾" 316 SS "J" BOLTS.

ANCHORS:
ANCHORING HARDWARE SHALL BE SUBMITTED TO THE ENGINEER WITH SPECIFICATIONS SHEETS FOR REVIEW AND APPROVAL.



PLAN VIEW

GENERAL REPLACEMENT NOTES:
1. ALL BOLTS, NUTS, WASHERS, SUPPORTS, BRACKETS AND HARDWARE SHALL BE SS.
2. ALL PIPING, VALVES, PIPE SUPPORTS, AND HARDWARE SHALL BE SUBMITTED TO ENGINEER FOR REVIEW AND APPROVAL.
3. ALL DIP PIPING, FL BENDS AND RESTRAINED ADAPTORS SHALL BE USE FUSION BONDED EPOXY COATING OR ENGINEER APPROVE EQUAL.
4. SEE SHEET C–03 FOR EXISTING PUMP SWIRL PIT REMOVAL AND CONCRETE REPLACEMENT DETAILS & NOTES.
5. EXISTING 30" x 36" HATCHES TO REMAIN.
6. CONTRACTOR SHALL INSTALL REPLACEMENT PUMPS 1, 2 & 3.
7. ALL EQUIPMENT SHALL BE INSTALLED PER MANUFACTURERS REQUIREMENTS.

1 / C-02 PUMP INSTALLATION DETAIL
1"=1'

1 0 1
SCALE IN FEET

BID DOCUMENTS

REVISIONS

REV	DATE	DESCRIPTION	BY
1	11/28/23	REVIEW COMMENTS	PY

STATE OF ALASKA — 49TH — Andrew Mattie — CE 131531 — REGISTERED PROFESSIONAL ENGINEER
03/06/2024

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QFC #2 LIFT STATION REPAIRS
CITY OF BETHEL

PUMP INSTALLATION DETAILS

BETHEL, ALASKA

PROJECT 1528.50270.55
DATE 11/06/2023

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SHEET
C-02

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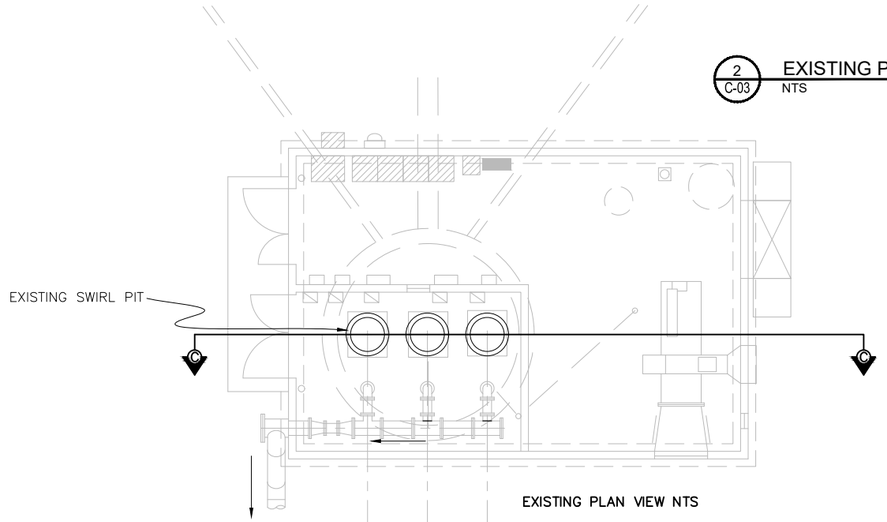
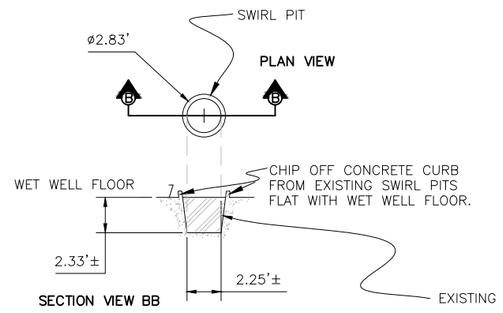


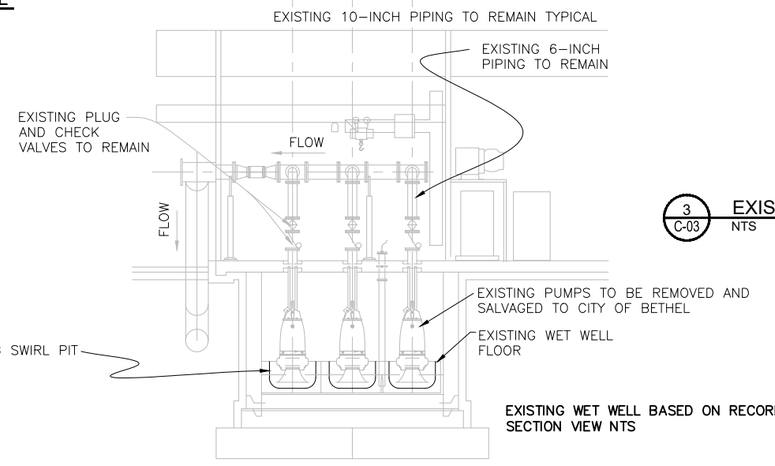
2 C-03 EXISTING PUMP STATION FLOOR PLAN
NTS

GENERAL NOTES:
1. ALL CONSTRUCTION SEQUENCING PLANS SHALL BE BASED ON SHEETS C-04 & C-05 AND BY-PASS PUMPING OF LIFT STATIONS.
2. CONTRACTOR SHALL SUBMIT A PLAN TO CITY PUBLIC WORKS TO ISOLATE AND PUMP DOWN QFC LIFT STATION 72 HOURS BEFORE CONTRACT WORK TO BEGIN.
3. CONTRACTOR SHALL REMOVE ALL EXISTING PUMP EQUIPMENT AND HARDWARE.
4. CONTRACTOR SHALL SALVAGE ALL EQUIPMENT AND HARDWARE TO A CITY DIRECTED LOCATION IF REQUESTED.
5. THE CONTRACTORS BY-PASS PLAN WILL BE REVIEWED AND APPROVED BY CITY PUBLIC WORKS AND THE ENGINEER.
6. CONTRACTOR COORDINATE WET WELL PUMP DOWN OPERATIONS AND BY-PASS ISOLATION VALVE CUT-INS WITH PUBLICS WORKS STAFF.
7. ALL BY-PASS OPERATIONS WILL REQUIRE ALL EQUIPMENT AND NECESSARY SUPPLIES TO BE ON-SITE AND INVENTORIED BY PUBLIC WORKS AND ENGINEERING STAFF BEFORE WORK BEING PREFORMED.

1 C-03 EXISTING SWIRL PIT CONCRETE DETAIL
NTS



PLACE 19± CF (19x 80LB BAGS) OF "QUIKRETE" CRACK RESISTANT CONCRETE MIX PRODUCT No. 1006-80 PER MANUFACTURERS REQUIREMENTS. FINISH CONCRETE FLAT WITH WET WELL FLOOR.



3 C-03 EXISTING PUMP STATION SECTION VIEW
NTS

EXISTING WET WELL BASED ON RECORD CONSTRUCTION DRAWINGS QFC LS SECTION VIEW NTS

BID DOCUMENTS

REVISIONS			
REV	DATE	DESCRIPTION	BY
1	11/28/23	REVIEW COMMENTS	PY

STATE OF ALASKA 49TH
Andrew Mattie
CE 131531
REGISTERED PROFESSIONAL ENGINEER
03/06/2024

BETHEL ALASKA

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QFC #2 LIFT STATION REPAIRS
CITY OF BETHEL

PUMP STATION MODIFICATIONS
BETHEL, ALASKA

PROJECT 1528.50270.55
DATE 11/06/2023

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SHEET
C-03

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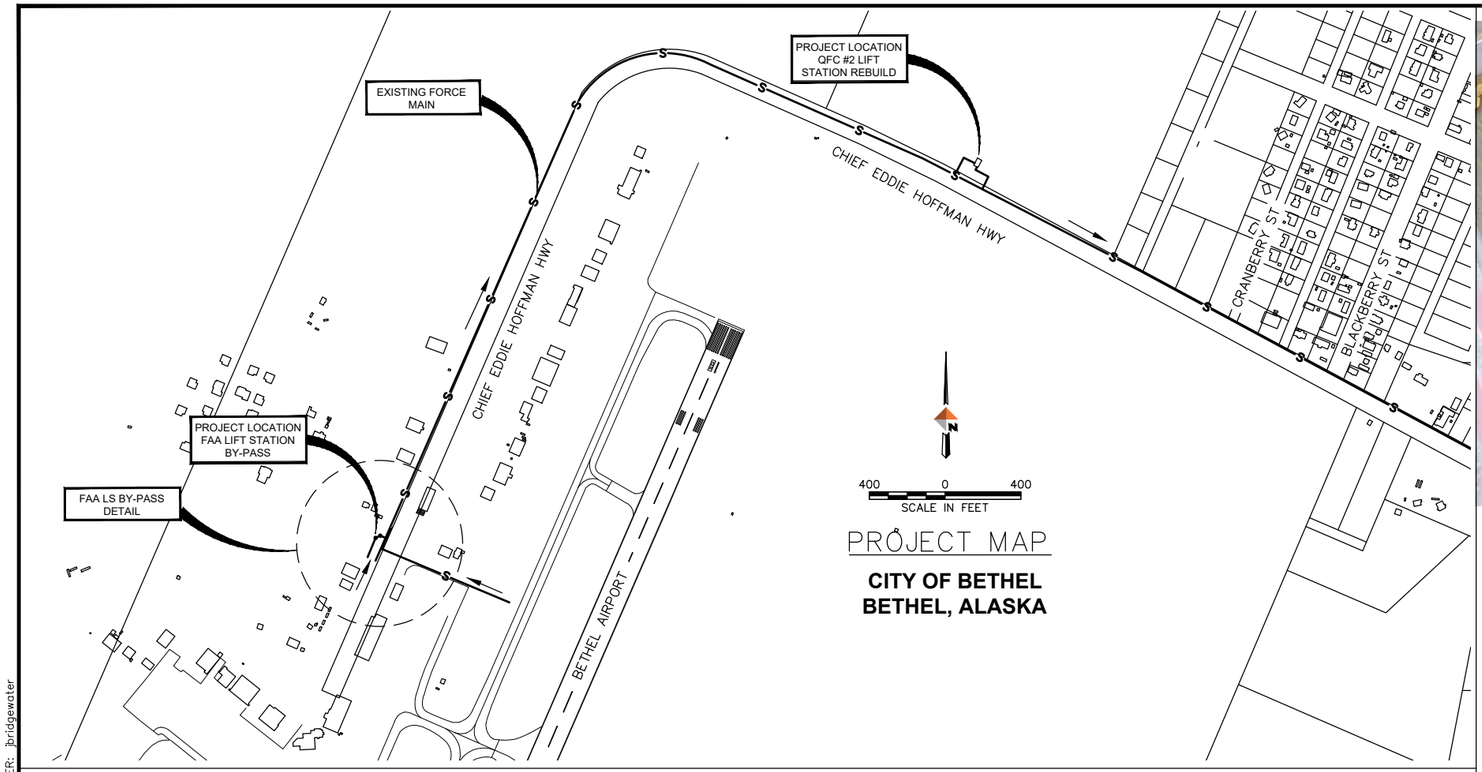
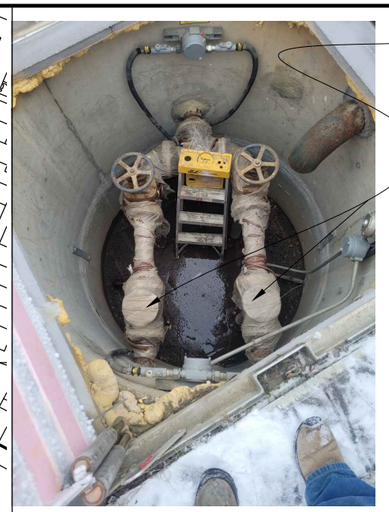


PROJECT MAP

CITY OF BETHEL
BETHEL, ALASKA



VALE VAULT VIEW D - D
NTS

CHECK VALVES TO SPOOLS CHANGE OUT NOTES:

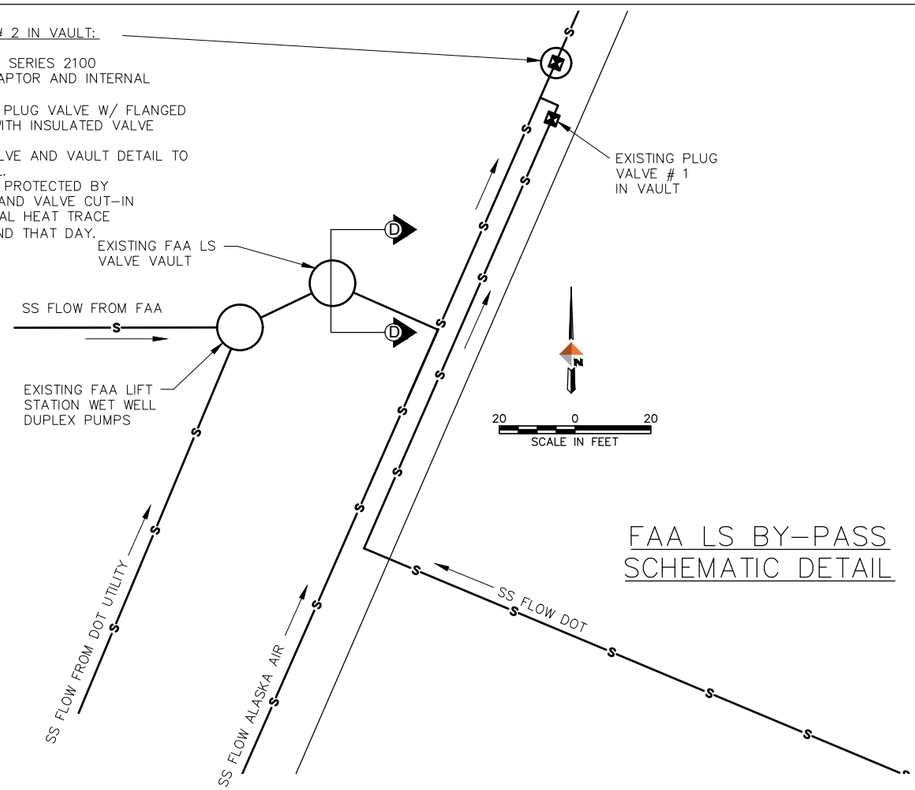
1. CONTRACTOR SHALL REMOVE EXISTING VALVE VAULT CHECK VALVES AND REPLACE WITH MAKE-UP SPOOLS. ALL CONNECTIONS SHALL BE WATER TIGHT.
2. CONTRACTOR SHALL RAISE FAA LIFT STATION PUMPS OFF FOOT CONNECTION AND SECURE PUMPS IN RAISED POISSON.
3. CONTRACTOR SHALL COORDINATE WITH PUBLIC WORKS STAFF TO PUMP ANY NUISANCE WATER OUT OF VALVE VAULT.

INSTALL CUT-IN ISOLATION PLUG VALVE # 2 IN VAULT:

1. VALVE CUT-IN SHALL USE EBBA IRON SERIES 2100 MEGAFLANGE RESTRAINED FLANGE ADAPTOR AND INTERNAL WALL SLEEVE STIFFENER FOR HDPE.
2. INSTALL 4-INCH KENNEDY ECCENTRIC PLUG VALVE W/ FLANGED ENDS AND DIRECT DRIVE -OP NUT; WITH INSULATED VALVE VAULT & H20 LID.
3. CONTRACTOR SHALL SUBMIT PLUG VALVE AND VAULT DETAIL TO ENGINEER FOR REVIEW AND APPROVAL.
4. ALL ELECTRIC HEAT TRACE SHALL BE PROTECTED BY CONTRACTOR DURING CONSTRUCTION AND VALVE CUT-IN OPERATIONS. ANY DAMAGED ELECTRICAL HEAT TRACE SYSTEM(S) SHALL BE REPAIRED IN KIND THAT DAY.

FAA LIFT STA. BY-PASS REQUIREMENTS:

1. CONTRACTOR SHALL COORDINATE WITH PUBLIC WORKS STAFF TO DE-ENERGIZE LIFT STATION AND LOCK OUT POWER.
2. CONTRACTOR SHALL REMOVE EXISTING VALVE VAULT CHECK VALVES AND REPLACE WITH DIP MAKE-UP SPOOLS. ALL CONNECTIONS SHALL BE WATER TIGHT.
3. CONTRACTOR SHALL RAISE PUMPS OFF FOOT CONNECTION AND SECURE PUMPS IN RAISED POISSON.



FAA LS BY-PASS SCHEMATIC DETAIL

FAA LIFT STATION BY-PASS NOTES:

1. CONTRACTOR SHALL SUBMIT A PLAN TO CITY PUBLIC WORKS TO ISOLATE AND PUMP DOWN FAA LIFT STATION 72 HOURS BEFORE CONTRACT WORK TO BEGIN.
2. THE PLAN SHALL BE BASED ON ISOLATING THE FAA SEWER LIFT STATION AS SHOWN ON THIS SHEET.
3. CONTRACTOR SHALL COORDINATE WITH PUBLIC WORKS FOR PUMPING OF THE FAA LIFT STATION DURING SHUT DOWN AND BY-PASS OF QFC LIFT STATION.
4. THE CONTRACTORS BY-PASS PLANS WILL BE REVIEWED AND APPROVED BY CITY PUBLIC WORKS AND THE ENGINEER.
5. CONTRACTOR SHALL REASSEMBLE ALL BY-PASS MODIFICATIONS AND RETURN THE FAA LIFT STATION TO NORMAL OPERATIONS.

ISOLATION VALVE CUT-IN:

1. CONTRACTOR COORDINATE WET WELL PUMP DOWN OPERATIONS AND BY-PASS ISOLATION VALVE CUT-INS WITH PUBLICS WORKS STAFF. THIS TASK MAY REQUIRE NIGHT WORK TO MINIMIZE SEWER FLOWS.
2. ALL BY-PASS OPERATIONS AND VALVE CUT-INS WILL REQUIRE THAT ALL EQUIPMENT, LABOR FORCES AND NECESSARY SUPPLIES TO BE ON-SITE AND INVENTORIED BY PUBLIC WORKS AND ENGINEERING STAFF BEFORE WORK BEINGS.

BY-PASS SEQUENCING:

1. CONTRACTOR COORDINATE ALL OPERATIONS WITH PUBLIC WORKS STAFF AND ENGINEER.
2. CONTRACTOR SHALL HAVE CITY VACTOR-TRUCKS SCHEDULED AND IN PLACE TO PUMP OUT EXISTING FORCE MAIN CLEAN-OUTS TO MINIMIZE FLOWS TO FAA LIFT STATION.
3. CLOSE EXISTING PLUG VALVE # 1.
4. DE-ENERGIZE AND LOCK-OUT FAA LIFT STATION.
5. INSTALL CUT-IN PLUG VALVE # 2. INSTALL VALVE IN CLOSED POSITION.
6. REMOVE FAA CHECK VALVES AND INSTALL SPOOL FITTINGS.
7. TEMPORALLY RAISE FAA LS PUMPS ON RAIL SO THAT PUMPS ARE OFF THE FOOT CONNECTION
8. TEMPORALLY SECURE FAA PUMPS IN RAISED POISSON.
9. OPEN EXISTING PLUG VALVE # 1.
10. COORDINATE WITH CITY STAFF FOR VACTOR-TRUCK PUMP DOWN OPERATIONS AT FAA WET WELL.
11. PROCEED TO CONTRACT WORK TO ISOLATE QFC # 2 LIFT STATION.

BID DOCUMENTS

REV	DATE	DESCRIPTION	BY
1	11/28/23	REVIEW COMMENTS	CN
2	01/23/24	REVIEW COMMENTS	CN

STATE OF ALASKA
49TH
Andrew Mattie
CE 131531
REGISTERED PROFESSIONAL ENGINEER
03/06/2024

BETHEL ALASKA

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AECL848

QFC #2 LIFT STATION REPAIRS
CITY OF BETHEL
BY-PASS PUMPING PLAN
FAA LIFT STATION
BETHEL, ALASKA

PROJECT 1528.50270.55
DATE 11/06/2023

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SHEET
C-04

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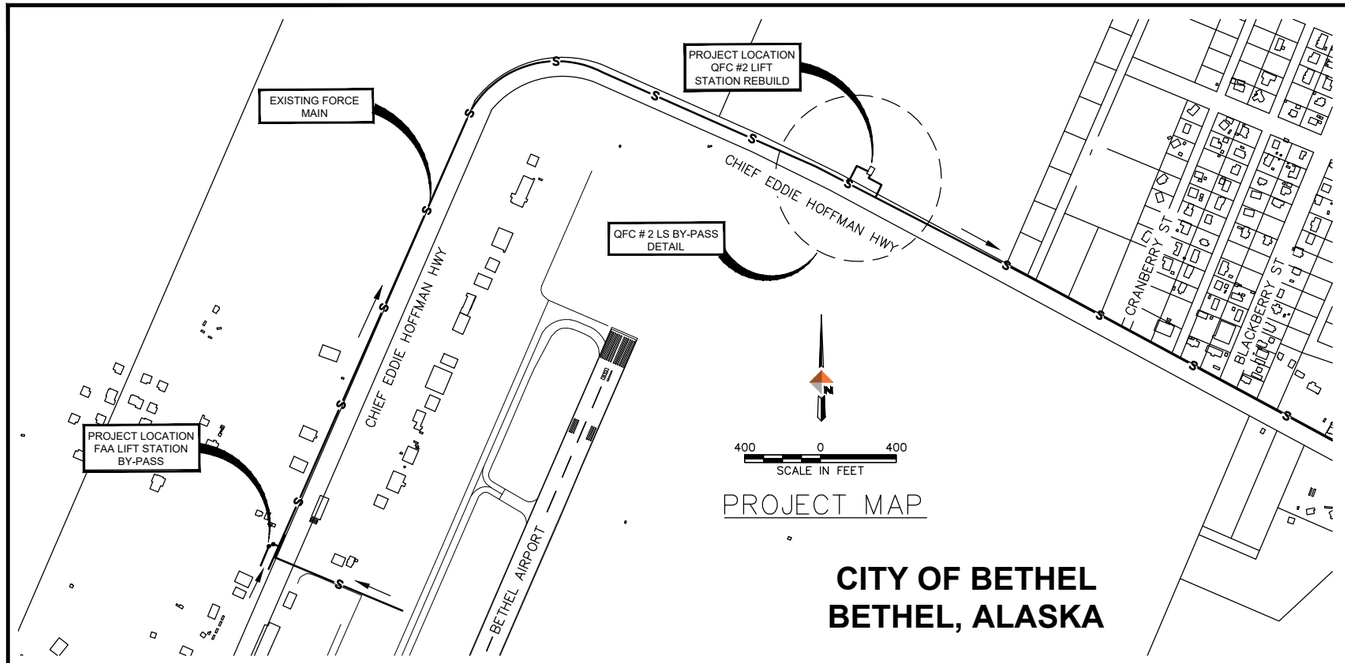


PROJECT MAP

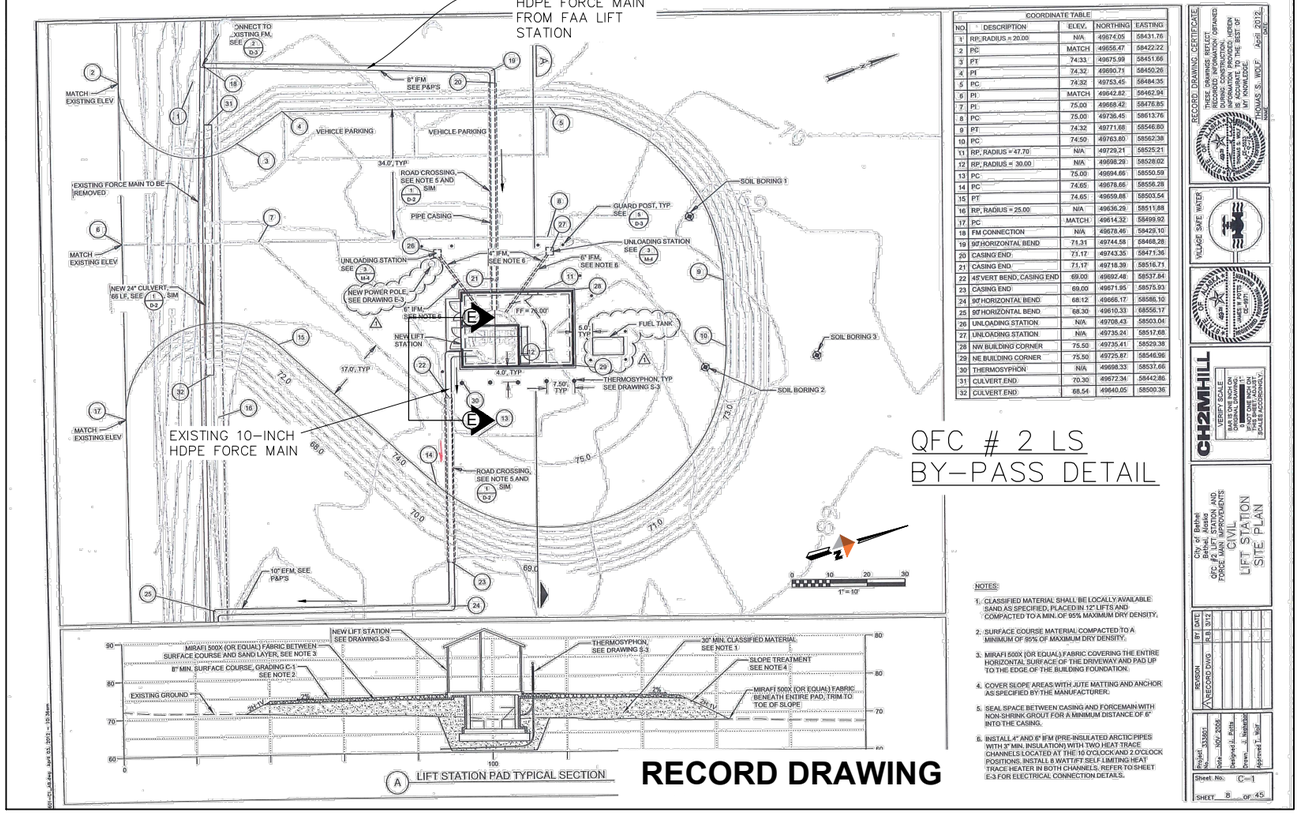
CITY OF BETHEL
BETHEL, ALASKA

PHOTO VIEW E - E
NTS

QFC # 2 ISOLATION VALVE NOTES:

1. REMOVE PIPE COVERING AND INSULATION AND EXPOSE 10-INCH HDPE FORCE MAIN PIPING AT LOCATION SHOWN.
2. VALVE CUT-IN SHALL USE EBBA IRON SERIES 2100 MEGAFLANGE RESTRAINED FLANGE ADAPTOR AND INTERNAL WALL SLEEVE STIFFENER FOR HDPE.
3. INSTALL ISOLATION 10-INCH KENNEDY ECCENTRIC PLUG VALVE WITH FLANGED ENDS AND GEAR HW.
4. CONTRACTOR SHALL SUBMIT PLUG VALVE AND CONNECTION FITTING SPECIFICATIONS TO ENGINEER FOR REVIEW AND APPROVAL.
5. CONTRACTOR SHALL RE-INSULATE 10-INCH PIPING AND VALVE IN KIND. ALL RE-INSULATION WORK PROCEDURES SHALL BE REVIEWED AND APPROVED BY ENGINEER.
7. ALL GLYCOL CARRIER PIPE SHALL BE PROTECTED BY CONTRACTOR DURING CONSTRUCTION AND VALVE CUT-IN OPERATIONS. ANY DAMAGED GLYCOL CARRIER PIPING SHALL BE REPAIRED IN KIND THAT DAY.

EXISTING 10-INCH HDPE FORCE MAIN



QFC # 2 LS
BY-PASS DETAIL

COORDINATE TABLE				
NO	DESCRIPTION	ELEV.	NORTHING	EASTING
1	RP, RADIUS = 20.00'	N/A	49674.05	58431.76
2	PC	MATCH	49656.47	58422.22
3	PT	74.33	49675.99	58451.66
4	PI	74.32	49690.71	58450.26
5	PC	74.32	49703.45	58464.35
6	PI	MATCH	49642.82	58462.94
7	PI	75.00	49668.42	58476.85
8	PC	75.00	49736.45	58613.76
9	PT	74.32	49771.85	58546.60
10	PC	74.50	49763.60	58562.38
11	RP, RADIUS = 47.70'	N/A	49729.21	58525.21
12	RP, RADIUS = 30.00'	N/A	49698.29	58528.02
13	PC	75.00	49694.66	58550.59
14	PC	74.65	49678.66	58556.28
15	PT	74.65	49659.88	58503.54
16	RP, RADIUS = 25.00'	N/A	49636.29	58511.88
17	PC	MATCH	49614.32	58499.92
18	FM CONNECTION	N/A	49678.46	58429.10
19	90° HORIZONTAL BEND	71.31	49744.58	58468.28
20	CASING END	71.17	49743.35	58471.36
21	CASING END	71.17	49718.39	58516.71
22	45° VERT BEND, CASING END	69.00	49692.48	58537.84
23	CASING END	69.00	49671.95	58579.93
24	90° HORIZONTAL BEND	68.12	49666.17	58586.10
25	90° HORIZONTAL BEND	68.30	49610.33	58556.17
26	UNLOADING STATION	N/A	49708.43	58503.04
27	UNLOADING STATION	N/A	49735.94	58517.68
28	NW BUILDING CORNER	75.50	49735.41	58529.38
29	NE BUILDING CORNER	75.50	49725.87	58546.96
30	THERMOSYPHON	N/A	49698.33	58537.66
31	CULVERT END	70.30	49672.34	58442.86
32	CULVERT END	68.54	49640.05	58509.36

NOTES:

1. CLASSIFIED MATERIAL SHALL BE LOCALLY AVAILABLE SAND AS SPECIFIED, PLACED IN 12" LIFTS AND COMPACTED TO A MIN. OF 95% MAXIMUM DRY DENSITY.
2. SURFACE COURSE MATERIAL COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DRY DENSITY.
3. MIRAFI 500X (OR EQUAL) FABRIC COVERING THE ENTIRE HORIZONTAL SURFACE OF THE DRIVEWAY AND PAD UP TO THE EDGE OF THE BUILDING FOUNDATION.
4. COVER SLOPE AREAS WITH JUTE MATTING AND ANCHOR AS SPECIFIED BY THE MANUFACTURER.
5. SEAL SPACE BETWEEN CASING AND FORCEMAIN WITH NON-SHRINK GROUT FOR A MINIMUM DISTANCE OF 6" INTO THE CASING.
6. INSTALL 4" AND 8" IFM (PRE-INSULATED ARCTIC PIPES WITH 3" MIN. INSULATION) WITH TWO HEAT TRACE CHANNELS LOCATED AT THE 10 O'CLOCK AND 2 O'CLOCK POSITIONS. INSTALL 8 WATT/FT SELF LIMITING HEAT TRACE HEATER IN BOTH CHANNELS. REFER TO SHEET E-3 FOR ELECTRICAL CONNECTION DETAILS.

A LIFT STATION PAD TYPICAL SECTION

RECORD DRAWING

RECORD DRAWING CERTIFICATE: THESE DRAWINGS REFLECT RECORDED INFORMATION OBTAINED DURING CONSTRUCTION AND INFORMATION PROVIDED HEREIN IS CORRECT TO THE BEST OF MY KNOWLEDGE. THOMAS S. WOLF, PE, April 2012

VILLAGE SAFE WATER

CH2MHILL

Dwr. of: Bethel
Bethel, Alaska
QFC #2 LIFT STATION AND 2"DIA FORCE MAIN REPAIRS
CIVIL
LIFT STATION SITE PLAN

BY	DATE	NO.	REVISION
			AS-CONSTRUCTIONS

Project 33361
Dsn. NOV. 2015
Drwn. J. Swanson
Approved L. Wise

Sheet No. C-1
SHEET 8 OF 45

BID DOCUMENTS

REVISIONS			
REV	DATE	DESCRIPTION	BY
1	11/28/23	REVIEW COMMENTS	PY

STATE OF ALASKA
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Andrew Mattie
CE 131531
REGISTERED PROFESSIONAL ENGINEER
03/06/2024

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QFC #2 LIFT STATION REPAIRS
CITY OF BETHEL
BY-PASS PUMPING PLAN
QFC # 2 LIFT STATION
BETHEL, ALASKA

PROJECT 1528.50270.55
DATE 11/06/2023

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SHEET
C-05

J:\28\50270-55\65CAD\Civil\SA-CS-BYPASS-50270_LS.dwg PLOT DATE 2024-5-8 14:25 SAVED DATE 2024-03-06 07:20 USER: jbridgewater

ABBREVIATIONS

A	COMPRESSED AIR
ADA	AMERICAN DISABILITIES ACT
AFF	ABOVE FINISHED FLOOR
AMP	AMPERE
AP	ACCESS PANEL
APD	AIR PRESSURE DROP
APPROX	APPROXIMATELY
ARCH	ARCHITECT
AS–X	AIR SEPARATOR DESG.
BDD	BACKDRAFT DAMPER
BLDG	BUILDING
B–X	BOILER DESG.
BOD	BOTTOM OF DUCT
BTU	BRITISH THERMAL UNIT
BV	BALL VALVE
CD	CONDENSATE DRAIN
CFM	CUBIC FEET PER MINUTE
CLG	CEILING
CO	CLEAN OUT
CO2	CARBON DIOXIDE
CONT	CONTINUATION
CP–X	CIRCULATING PUMP DESG.
CV	CONTROL VALVE
CW	COLD WATER
DA	DENTAL AIR
DB	DECIBEL(S)
DB	DRY BULB TEMPERATURE
DDC	DIRECT DIGITAL CONTROL
DEG	DEGREE
DISCH	DISCHARGE
DPS	DIFFERENTIAL PRES. SENSOR
DT–X	DAY TANK DESG.
DWG	DRAWING
DWV	DRAIN, WASTE, AND VENT
E/A	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
EF–X	EXHAUST FAN DESG.
EFF	EFFICIENCY
EL	ELEVATION
ELEC	ELECTRIC
ENT	ENTERING
ESP	EXTERNAL STATIC PRESSURE
ET–X	EXPANSION TANK DESG.
EWT	ENTERING WATER TEMPERATURE
EXT	EXTERIOR
F	FAHRENHEIT
FA	FREE AREA
FCO	FLOOR CLEANOUT
FD–X	FLOOR DRAIN DESG.
FDC	FIRE DEPARTMENT CONNECTION,
FIN	FINISH
FLR	FLOOR
FO	FUEL OIL
FOR	FUEL OIL RETURN
FOS	FUEL OIL SUPPLY
FOT–X	FUEL OIL TANK DESG.
FOV	FUEL OIL VENT
FP–X	FIRE PUMP DESG.
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FSC	FAN SPEED CONTROLLER
FWT–X	FIRE WATER TANK DESG.
GA	GAGE
GAL	GALLON
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GPD	GALLON PER DAY
GT–X	GLYCOL TANK DESG.
HB–X	HOSE BIB DESG.
HD	HEAD
HOA	HAND, OFF, AUTO STATION
HP	HORSEPOWER
HT	HEIGHT
HW	HOT WATER
HWG–X	HOT WATER GENERATOR DESG.
HGR	HEATING GLYCOL RETURN
HGS	HEATING GLYCOL SUPPLY
HWR	HEATING WATER RETURN
HWS	HEATING WATER SUPPLY
HRV–X	HEAT RECOVERY VENT. DESG.
HX–X	HEAT EXCHANGER DESG.
ID	INSIDE DIAMETER
IN WC	INCHES, WATER COLUMN
INCL	INCLUDE
INSUL	INSULATION
JP–X	JOCKEY PUMP DESG.
KW	KILOWATT
KWH	KILOWATT HOUR
LAT	LEAVING AIR TEMPERATURE
LB	POUND
LF	LINEAR FEET
LWT	LEAVING WATER TEMPERATURE
M/A	MIXED AIR
MAT	MIXED AIR TEMPERATURE
MAX	MAXIMUM
MBH	1,000 BTU/HR
MC	MECHANICAL CONTRACTOR
MECH	MECHANICAL
MIN	MINIMUM
MISC	MISCELLANEOUS
MOD	MOTOR OPERATED DAMPER
MOV	MOTOR OPERATED VALVE
MTD	MOUNTED
MVD	MANUAL VOLUME DAMPER
NC	NORMALLY CLOSED
N.C.	NOISE CRITERIA
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NO.	NUMBER
NTS	NOT TO SCALE
OA	OUTSIDE AIR
OAT	OUTSIDE AIR TEMPERATURE
OBD	OPPOSED BLADE DAMPER
OD	OUTSIDE DIAMETER
OF/CI	OWNER FURN./CONTR. INST.
OF/OI	OWNER FURN./OWNER INST.
OS&Y	OPEN SCREW & YOKE
OWS–X	OIL/WATER SEPARATOR DESG.
O/W	OIL WASTE
OZ	OUNCE
P–X	PLUMBING FIXTURE DESG.
PD	PRESSURE DROP
PH	PHASE (ELECTRIC)
PHC–X	PREHEAT COIL DESG.
PLMB	PLUMBING
POC	POINT OF CONNECTION
PRES	PRESSURE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT–X	PRESSURE TANK DESG.
QTY	QUANTITY
R/A	RETURN AIR
RAT	RETURN AIR TEMPERATURE
RCP	REFLECTED CEILING PLAN
RECIRC	RECIRCULATE
RH	RELATIVE HUMIDITY
RHC–X	REHEAT COIL DESG.
RPM	REVOLUTIONS PER MINUTE
S/A	SUPPLY AIR
SAN	SANITARY
SHT	SHEET
SPEC	SPECIFICATIONS
SS	SANITARY SEWER
STRUCT	STRUCTURAL
T&P	TEMPERATURE & PRES VALVE
TAB	TEST & BALANCE
T/A	TRANSFER AIR
TD–X	TRENCH DRAIN DESG.
TDH	TOTAL DYNAMIC HEAD
TEMP	TEMPERATURE
TMV–X	THERMOSTATIC MIXING VALVE
TSTAT	THERMOSTAT
TYP	TYPICAL
UH–X	UNIT HEATER DESG.
V	VENT
VA	VOLT AMPERE
VEL	VELOCITY
VERT	VERTICAL
VF–X	VENT FAN DESG.
VFD	VARIABLE FREQUENCY DRIVE
VOL	VOLUME
VTR	VENT THROUGH THE ROOF
W	WASTE
W/	WITH
W/O	WITHOUT
WCO	WALL CLEAN OUT
WHA	WATER HAMMER ARRESTOR
WTR	WATER
'X'	AIR INLET/OUTLET DESG,
YCO	YARD CLEANOUT

HVAC LEGEND

- 16/12 — DUCT SIZE (W"xH")
- 16x12 — EXTERIOR DUCT INSULATION
- M — MOTORIZED DAMPER
- VD — VOLUME DAMPER
- AIR FLOW
- DUCT ELBOW
- SUPPLY DUCT UP
- SUPPLY DUCT DOWN
- RETURN DUCT UP
- RETURN DUCT DOWN
- EXHAUST DUCT UP
- EXHAUST DUCT DOWN

PIPING LEGEND

- HEATING GLYCOL SUPPLY
- HEATING GLYCOL RETURN
- EXISTING PIPING/EQUIPMENT
- PIPE DOWN
- PIPE UP
- PIPE TEE
- BALL VALVE
- TEMPERATURE CONTROL VALVE (T)
- TEMPERATURE SENSOR (T)
- UNIT HEATER
- CHECK VALVE
- PIPE CAP
- PUMP
- AIR VENT
- STRAINER W/ BLOWDOWN
- RELIEF VALVE
- BALANCE VALVE/CIRCUIT SETTER
- PRESSURE GAUGE
- THERMOMETER
- PROPELLER FAN

FANS

TAG	LOCATION	SERVICE	CAPACITY (CFM)	EXT S.P. (IN H2O)	MOTOR POWER	VOLTAGE & PHASE (VAC/PH)	FAN SPEED (RPM)	MAKE & MODEL	NOTES
EF–1	WET WELL	ODOR CONTROL	400	0.25	1/6	120/1	1140	GREENHERK SQ–100	DIRECT DRIVE EXPLOSION PROOF MOTOR, SPARK B CONSTRUCTION, IN–LINE FAN.
SF–2	ELECTRICAL ROOM	COOLING	570	0.1	134 W	120/1	1189	GREENHECK CSP–A510	–

HYDRONIC UNIT HEATERS

TAG	SERVICE	CAPACITY (BTUH)	FLUID FLOW (GPM)	EGT(°F)	LGT(°F)	AIRFLOW (CFM)	MOTOR POWER (HP)	VOLTAGE & PHASE	MAKE & MODEL	NOTES
UH–1A	WET WELL	25,000	6.0	180	170	1000	1/3	120/1ϕ	HAZLOC HEATERS HUH2–12–3–N–115–E–H1	COATED HEAT TRANSFER COILS, EXP–PROOF MOTOR
UH–1B	WET WELL	25,000	6.0	180	170	1000	1/3	120/1ϕ	HAZLOC HEATERS HUH2–12–3–N–115–E–H1	COATED HEAT TRANSFER COILS, EXP–PROOF MOTOR

MOTOR OPERATED DAMPERS

TAG	SERVICE	TYPE	ACTUATOR	HEIGHT (IN)	WIDTH (IN)	ACTUATOR POWER (W)	VOLTAGE	MAKE & MODEL	NOTES
MOD–1	OUTDOOR AIR	OPPOSED	MODULATING	12	12	1.5	24VDC	RUSKIN CD40 W/ BELIMO CMB–24–SR ACTUATOR	INSULATED AIRFOIL, 24VDC ACTUATOR
MOD–2	RETURN AIR	OPPOSED	MODULATING	12	12	1.5	24VDC	RUSKIN CD40 W/ BELIMO CMB–24–SR ACTUATOR	INSULATED AIRFOIL, 24VDC ACTUATOR

PUMPS

TAG	SERVICE	FLOW (GPM)	HEAD (FT)	POWER (HP)	VOLTAGE/ PHASE	MAKE & MODEL	REMARKS
BP–1/2/3	BOILER CIRCULATION	14	10	1/4	120/1	GRUNDFOS UPS–43–100	–

BID DOCUMENTS

REVISIONS

REV	DATE	DESCRIPTION	BY

STATE OF ALASKA 49TH
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CORP. LICENSE NO. AECC705

BETHEL QFC-2 LIFT STATION UPGRADE
CITY BETHEL, ALASKA

MECHANICAL LEGEND, ABBREVIATIONS AND SCHEDULES

PROJECT –
DATE MAY 2024

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SHEET
M-001

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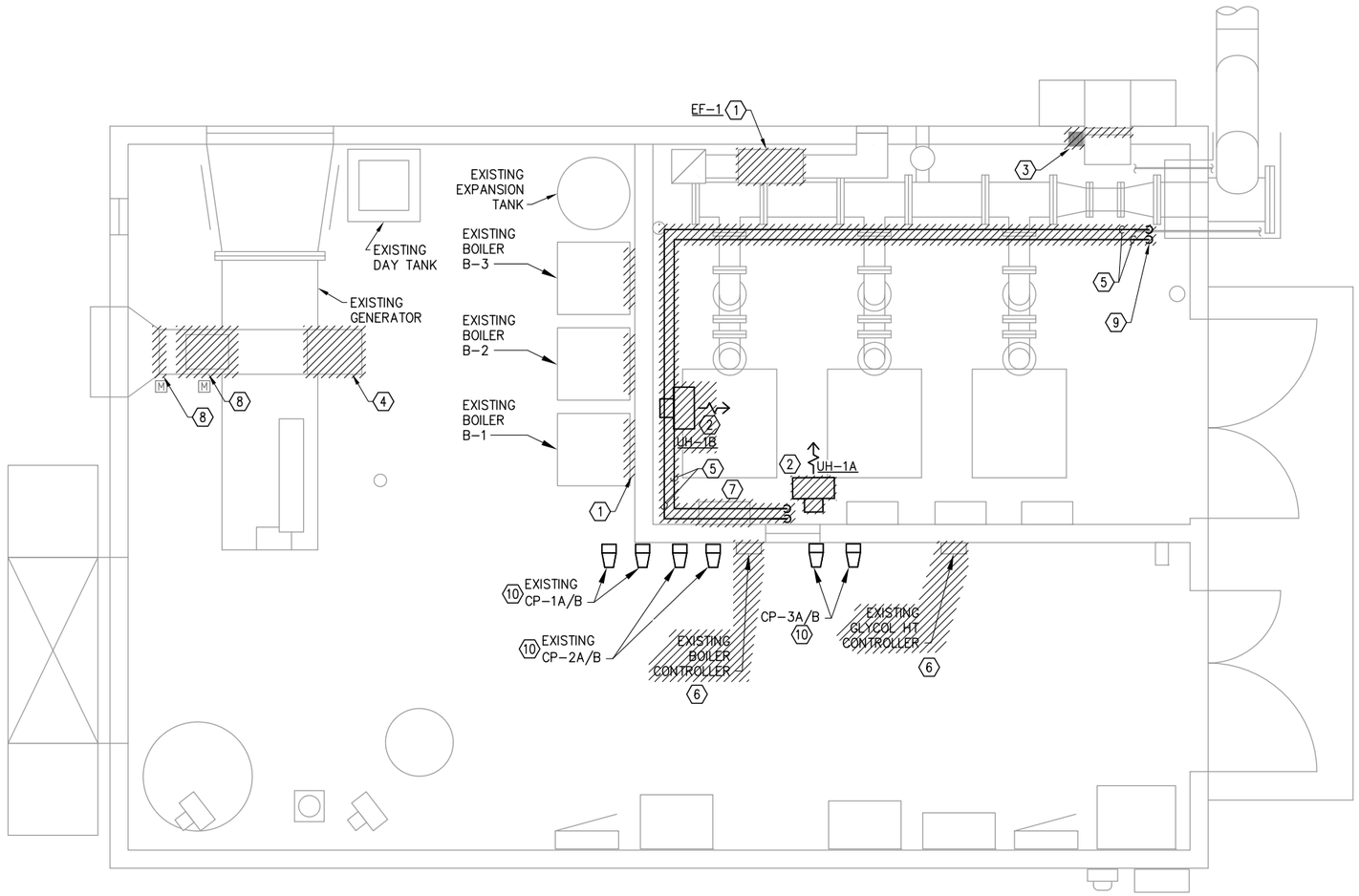

1 M-101 DEMOLITION FLOOR PLAN

SCALE: 1/2" = 1'-0"

0 2' 4'

SHEET NOTES

1. DEMOLISH WET WELL EXHAUST FAN.
2. DEMOLISH HYDRONIC UNIT HEATERS, VALVES, FITTINGS, AND PIPING IN WET WELL.
3. DEMOLISH MOTORIZED DAMPER IN WET WELL.
4. DEMOLISH SUPPLY FAN IN ELECTRICAL ROOM.
5. DEMOLISH ALL COPPER GLYCOL PIPING IN WET WELL ROOM.
6. DEMOLISH EXISTING BOILER CONTROLLER AND HEAT TRACE CONTROLLER.
7. DEMOLISH EXISTING UNIT HEATER THERMOSTAT.
8. DEMOLISH EXISTING 12X12 MOTORIZED MIXING DAMPERS, TYP OF 2.
9. DEMOLISH VALVES, FITTINGS, AND FLEXIBLE CONNECTIONS TO ARCTIC PIPE GLYCOL TRACING.
10. CIRCULATION PUMPS AND PIPING TO REMAIN.
11. DEMOLISH BOILER HEADER PIPING TO RECONFIGURE PIPING AND INSTALL BOILER CIRCULATION PUMPS.

REVISIONS			
REV	DATE	DESCRIPTION	BY

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BETHEL QFC-2 LIFT STATION UPGRADE
CITY BETHEL, ALASKA

MECHANICAL PLAN - DEMOLITION

PROJECT –
DATE MAY 2024

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M-101

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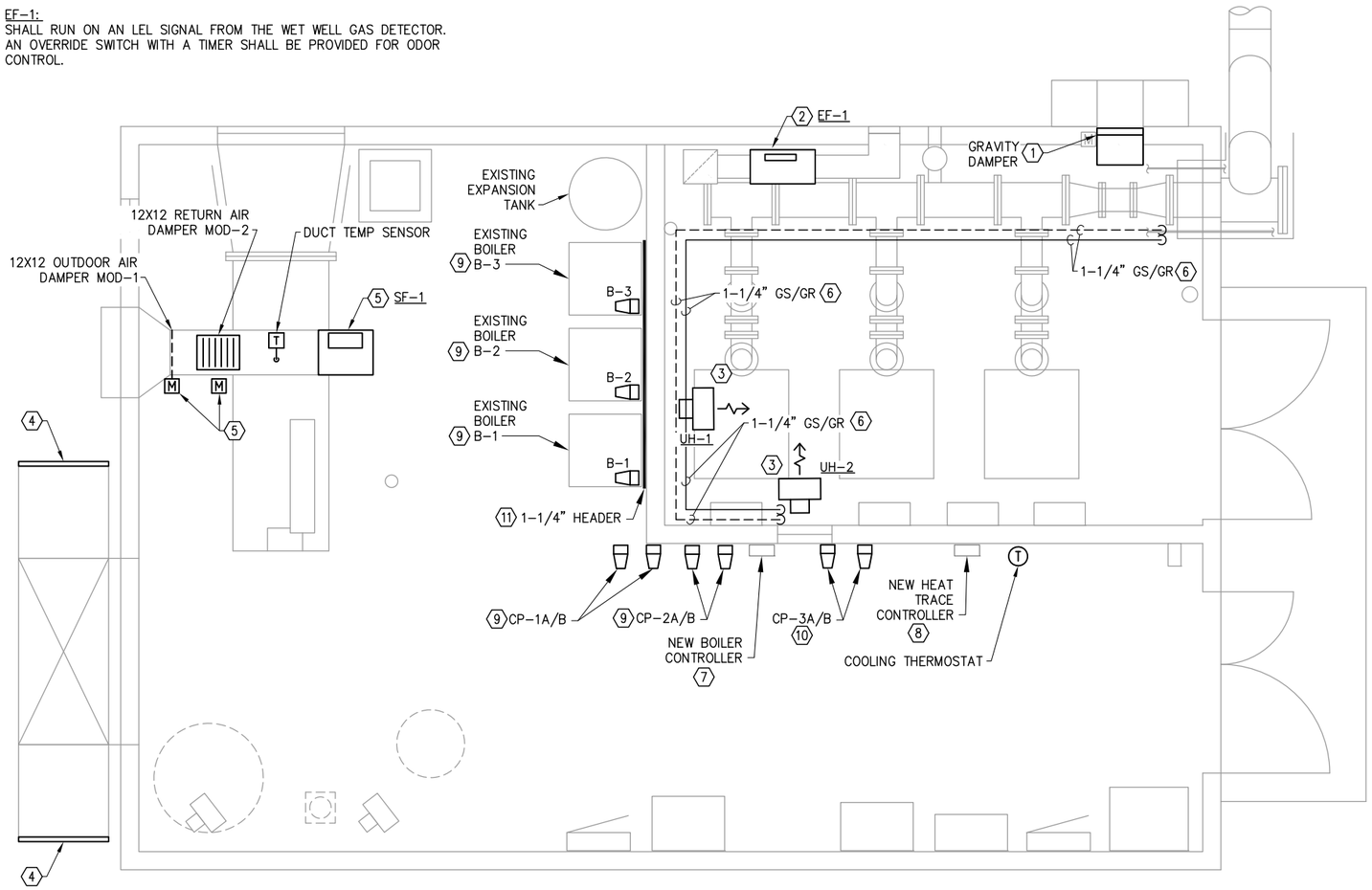
FAN CONTROL NARRATIVE

SF-1:
WHEN COOLING THERMOSTAT SENSES INDOOR AIR TEMPERATURE ABOVE SETPOINT, SUPPLY FAN SF-1 ENERGIZES. WHEN SF-1 IS ENERGIZED MOD-1 AND MOD-2 SHALL MODULATE TOGETHER TO MAINTAIN 55°F AIRSTREAM TEMPERATURE. DAMPERS SHALL BE CONTROLLED VIA STAND ALONE TEMPERATURE CONTROLLER, HONEYWELL T775 OR EQUIVALENT. WHEN COOLING THERMOSTAT SENSES AIR TEMPERATURE BELOW SETPOINT, SF-1 IS DE-ENERGIZED AND BOTH DAMPERS SHALL FULLY CLOSE.

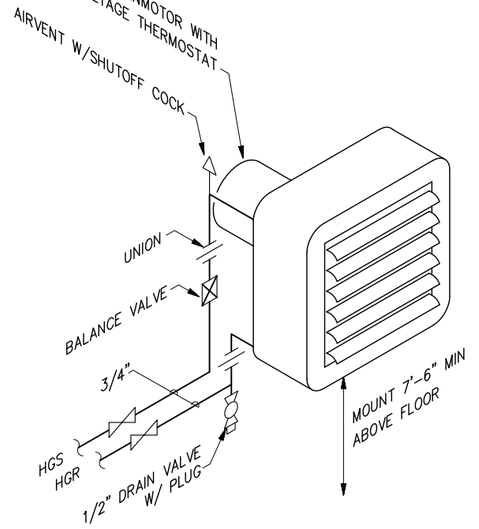
EF-1:
SHALL RUN ON AN LEL SIGNAL FROM THE WET WELL GAS DETECTOR. AN OVERRIDE SWITCH WITH A TIMER SHALL BE PROVIDED FOR ODOR CONTROL.



1 M-102 CONSTRUCTION FLOOR PLAN
SCALE: 1/2" = 1'-0"
0 2' 4'

SHEET NOTES

1. INSTALL NEW GRAVITY DAMPER IN EXISTING INTAKE DUCTING. DAMPER SHALL ACTIVATE WITH 0.10" SP.
2. INSTALL NEW IN-LINE EXPLOSION-PROOF EXHAUST FAN IN EXISTING EXHAUST DUCTING.
3. INSTALL NEW EXPLOSION-PROOF HYDRONIC UNIT HEATERS. PROVIDE PEX PIPING, NEW VALVES AND FITTINGS IN WET WELL ROOM.
4. INSTALL 1/2" BIRDSCREEN ON GENSET INTAKE DUCTING OPENINGS.
5. INSTALL NEW SUPPLY FAN SF-1 AND TWO NEW 12X12 MOTORIZED DAMPERS.
6. INSTALL NEW PEX GLYCOL PIPING IN WET WELL ROOM FOR HEAT TRACING.
7. INSTALL NEW BOILER CONTROLLER. TEKMAR 284 OR EQUIVALENT. SEE M-103 FOR CONTROL NARRATIVE.
8. INSTALL NEW HEAT TRACE CONTROLLER. HONEYWELL T775 OR EQUIVALENT. SEE M-103 FOR CONTROL NARRATIVE.
9. EXISTING MECHANICAL EQUIPMENT TO BE RECONNECTED TO NEW BOILER CONTROLLER.
10. EXISTING CIRCULATION PUMPS TO BE RECONNECTED TO NEW HEAT TRACE CONTROLLER.
11. INSTALL NEW COPPER PIPING TO CONNECT GLYCOL SUPPLY AND RETURN PIPING. SEE HYDRONIC SYSTEM SCHEMATIC.



2 M-102 UNIT HEATER PIPING DETAIL
SCALE: NTS

REVISIONS

REV	DATE	DESCRIPTION	BY

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BETHEL QFC-2 LIFT STATION UPGRADE
CITY BETHEL, ALASKA

MECHANICAL GROUND LEVEL FLOOR PLAN

PROJECT –
DATE MAY 2024

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M-102

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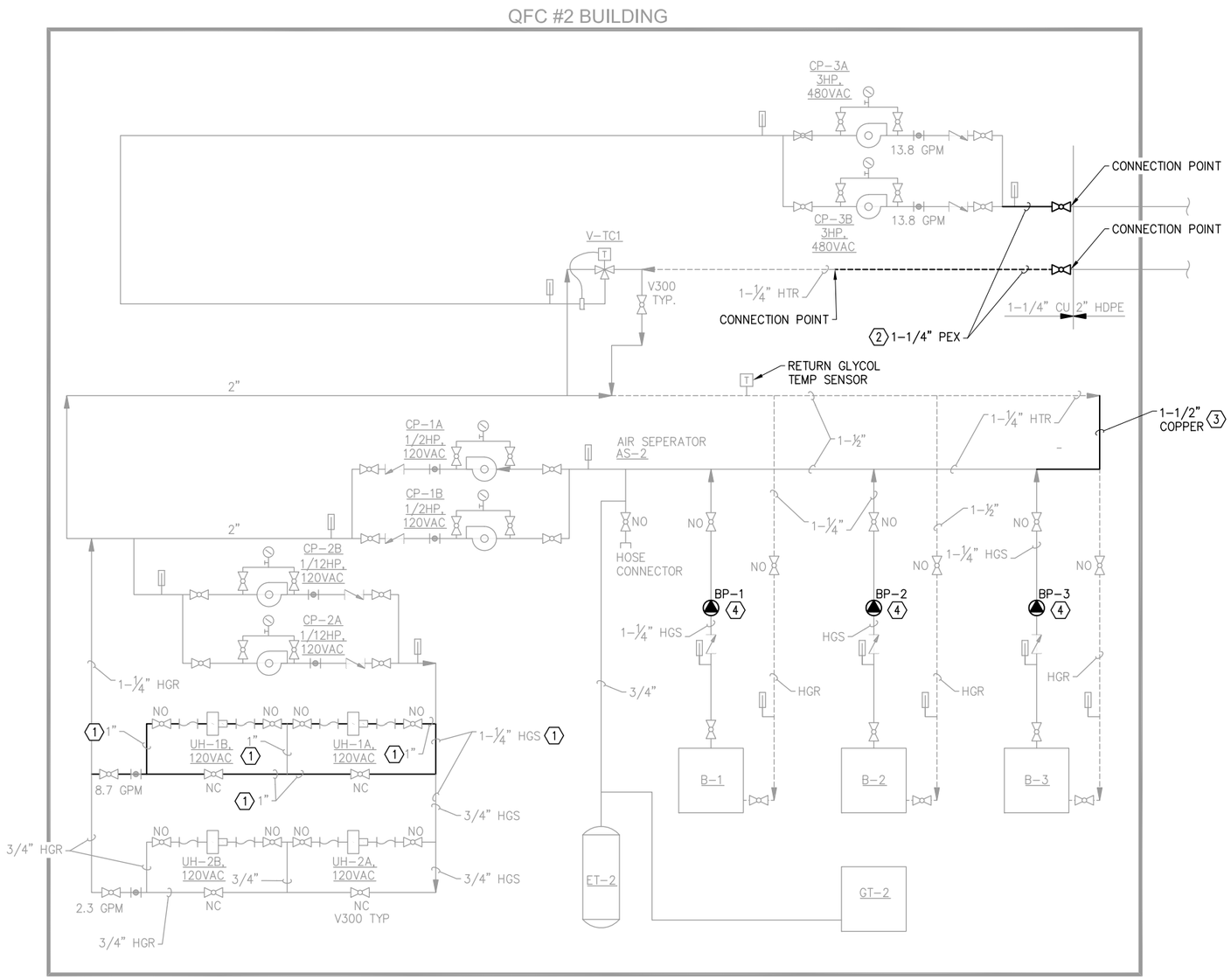

1 M-103 QFC2 LIFT STATION AND FORCE MAIN HYDRONIC SYSTEM SCHEMATIC
SCALE: NTS

SHEET NOTES

1. PROVIDE NEW PEX PIPING IN THE WET WELL ROOM FOR UH-1A AND UH-1B
2. PROVIDE NEW PEX PIPING AND ISOLATION VALVES IN THE WET WELL ROOM FOR SEWER HEAT TRACE. PROVIDE FLEXIBLE CONNECTIONS TO ARCTIC PIPE.
3. INSTALL NEW PIPING TO CONNECT GLYCOL SUPPLY AND RETURN PIPING.
4. NEW BOILER CIRCULATION PUMPS.

BOILER CONTROL NARRATIVE

CIRCULATION PUMP CP-1A OR CP-1B RUNS CONTINUOUSLY. THE BOILER CONTROLLER FIRES THE LEAD BOILER AND ENERGIZES ASSOCIATED BOILER PUMP AS REQUIRED, TO MAINTAIN BOILER RETURN GLYCOL TEMPERATURE SETPOINT. BOILER RETURN SETPOINT CONTROLLED VIA AUTOMATIC AIR TEMPERATURE RESET SCHEDULE.

ON A CALL FOR HEAT (UH-1A/B OR UH-2A/B THERMOSTATS), CIRCULATION PUMP CP-2A OR CP-2B ENERGIZES. THERMOSTAT ALSO ENERGIZES UNIT HEATER FANS. THE BOILER CONTROLLER SHALL AUTOMATICALLY ROTATE BOILER FIRING ORDER ON A PRE-PROGRAMMED SCHEDULE. THE BOILER CONTROLLER SHALL AUTOMATICALLY ROTATE LEAD/LAG PUMPS ON A PROGRAMMED SCHEDULE. BOILER CONTROLLER SHALL BE TEKMAR 284 OR EQUIVALENT.

SEWER GLYCOL HEAT TRACE NARRATIVE

CIRCULATION PUMP CP-3A OR CP-3B RUNS CONTINUOUSLY WHILE THE OUTDOOR AIR TEMPERATURE SENSOR IS BELOW SETPOINT (35°F).

TEMPERING VALVE V-TC1 AUTOMATICALLY MIXES HEAT TRACE RETURN GLYCOL WITH HOT GLYCOL FROM THE BOILER SYSTEM. AS THE HEAT TRACE RETURN TEMPERATURE DROPS, THE TEMPERING VALVE MIXES MORE HOT GLYCOL INTO THE CIRCULATED GLYCOL SYSTEM.

REVISIONS			
REV	DATE	DESCRIPTION	BY

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BETHEL QFC-2 LIFT STATION UPGRADE
CITY BETHEL, ALASKA

HYDRONIC SYSTEM SCHEMATIC

PROJECT –
DATE MAY 2024

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SHEET
M-103

BID DOCUMENTS

P:\Projects\DOWL\Bethel QFC-2 Lift Station\Dwgs\Mech\M-103 HEATING SYSTEM PIPING SCHEMATIC.dwg PLOT DATE 2024-6-7 12:52 SAVED DATE 2024-05-01 08:34

ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
———	EXPOSED CONDUIT
- - - -	DEMOLITION LINE TYPE
⌀ ⏚	3/4" X 10' COPPER CLAD STEEL GROUND ROD
—⊸—	CONDUIT RUN – CHANGE IN ELEVATION
⌒	LIQUID–TIGHT FLEXIBLE METALLIC CONDUIT
⌒	HOME RUN
—UE—	UNDERGROUND ELECTRIC
—OHE—	OVERHEAD ELECTRIC
KWH	KILOWATT–HOUR METER
▭	PANELBOARD
X/Y	MOLDED CASE CIRCUIT BREAKER, X = AMPERE RATING, Y = NO. OF POLES
M	MOTOR, 3–PHASE
M	MOTOR, SINGLE PHASE
MS	MOTOR STARTER – COMBINATION
DS	DISCONNECT SWITCH
$T	MOTOR STARTER – MANUAL, T=THERMAL, EX=EXPLOSION PROOF
	20A, 120V SIMPLEX RECEPTACLE NEMA 5–20R
	20A, 120V GFI RECEPTACLE NEMA 5–20R
	20A, 120V DUPLEX RECEPTACLE NEMA 5–20R
J	JUNCTION BOX OR FITTING
	EMERGENCY PUSH BUTTON
	FLOAT SWITCH
	SEAL–OFF FITTING
M	MOTORIZED DAMPER
	TRANSDUCER

OTHER SYMBOLS ARE AS DEFINED BY NOTE.

ELECTRICAL ABBREVIATIONS

A	ANALOG SIGNAL, AMPERE
AFF	ABOVE FINISH FLOOR
AFG	ABOVE FINISH GRADE
AI	ANALOG INPUT
AO	ANALOG OUTPUT
AVEC	ALASKA VILLAGE ELECTRIC COOPERATIVE
BCU	BARE COPPER
C	CONDUIT
C1D1	CLASS 1, DIVISION 1, GROUP D
COB	CITY OF BETHEL
CP	CONTROL PANEL
CT	CURRENT TRANSFORMER
CU	COPPER
D	DIGITAL SIGNAL
DEG	DEGREES
DI	DIGITAL INPUT
DO	DIGITAL OUTPUT
DPDT	DOUBLE POLE DOUBLE THROW
(E)	EXISTING
E	EMERGENCY
FLA	FULL LOAD AMPERES
FVNR	FULL VOLTAGE NON–REVERSING
G	GROUND CONDUCTOR
GES	GROUNDING ELECTRODE SYSTEM
GFI	GROUND FAULT INTERRUPTING
GRC	GALVANIZED RIGID (STEEL) CONDUIT
GRD	GROUND
HDPE	HIGH DENSITY POLYETHYLENE CONDUIT
HP	HORSEPOWER
KEA	KODIAK ELECTRIC ASSOCIATION
KVA	KILO–VOLT–AMPERES
LCP	LOCAL CONTROL PANEL
LS5	LIFT STATION 5
LSIG	LONG–TIME, SHORT–TIME, INSTANTANEOUS, GROUND–FAULT
LTF	LIQUID TIGHT FLEXIBLE CONDUIT (METALLIC)
MDP	MAIN DISTRIBUTION PANEL
MFR	MANUFACTURER
MLO	MAIN LUG ONLY
MOV	MOTOR OPERATED VALVE
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE – NFPA 70
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN, NUMBER
PH	PHASE
PLC	PROGRAMMABLE LOGIC CONTROLLER
PM	POWER MONITOR
POE	POWER OVER ETHERNET
PR	PAIR
RVSS	REDUCED VOLTAGE SOFT START
SIG	SIGNAL
SS	STAINLESS STEEL
TWSH	TWISTED WIRE SHIELDED
TYP	TYPICAL
UG	UNDERGROUND
UON	UNLESS OTHERWISE NOTED
V	VOLTS
VFD	VARIABLE FREQUENCY DRIVE
W	WATTS
WP	WEATHERPROOF
WWTP	WASTEWATER TREATMENT PLANT
XFMR	TRANSFORMER
XP	EXPLOSION PROOF

GENERAL NOTES

1. ALL ELECTRICAL WORK SHALL BE INSTALLED IN ACCORDANCE WITH ALL REQUIREMENTS OF THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC) AND OTHER LOCALLY ADOPTED CODES GOVERNING THE PROJECT. IF DIRECT CONFLICT ARISES BETWEEN DESIGN DOCUMENTS AND GOVERNING CODES, GOVERNING CODES SHALL PREVAIL. ALL WORK SHALL BE PERFORMED UNDER THE SUPERVISION OF A CERTIFIED ELECTRICIAN LICENSED IN THE STATE OF ALASKA.
2. MATERIALS AND EQUIPMENT SHALL BE SPECIFICATION GRADE AND ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION AS SUITABLE FOR THE USE INTENDED. ALL ELECTRICAL EQUIPMENT SHALL INCLUDE THE SEAL OF A NATIONALLY RECOGNIZED TESTING LABORATORY FOR THE PURPOSE FOR WHICH IT IS INSTALLED. WHENEVER POSSIBLE, SIMILAR ITEMS SHALL BE SUPPLIED BY THE SAME MANUFACTURER THROUGHOUT THE PROJECT.
3. CALCULATE, COORDINATE AND PROVIDE THE EQUIPMENT WITH THE SHORT CIRCUIT CURRENT RATING (SCCR) FOR THE AVAILABLE FAULT CURRENT AT THE POINT OF THE SYSTEM WHERE INSTALLED. CALCULATE, COORDINATE AND PROVIDE LABELS ON ALL PANELBOARDS AND SIMILAR EQUIPMENT IN ACCORDANCE WITH NEC PARAGRAPHS 110.16 AND 110.24.
4. DIMENSIONS OF EQUIPMENT ARE APPROXIMATE. INSTALLATION SHALL BE VERIFIED BASED ON ACTUAL MANUFACTURER'S DATA AND SHOP DRAWINGS.
5. SITE WORK AND UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS. CONTRACTOR SHALL FIELD LOCATE ALL BURIED INFRASTRUCTURE PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR SHALL BEAR ALL COSTS INCURRED DUE TO THE DISTURBING OF BELOW GRADE UTILITIES.
6. ALL SINGLE PHASE BRANCH CIRCUITS SHALL BE 1/2"C, 3#12, AND ALL THREE PHASE BRANCH CIRCUITS SHALL BE 3/4"C, 4#12, UNLESS OTHERWISE NOTED. ALL CIRCUITS SHALL HAVE AN EQUIPMENT GROUNDING CONDUCTOR, OF THE WIRE TYPE, SIZED PER NEC 250.122.
7. CONTRACTOR SHALL SUBMIT REQUEST FOR SUBSTITUTION IN WRITING TO THE ENGINEER.
8. CONTRACTOR SHALL PROVIDE SEISMIC SUPPORT AND DESIGN PER IBC REQUIREMENTS.
9. WHERE EXISTING UNDERGROUND UTILITIES ARE SHOWN ON THE PLANS, MULTIPLE PARALLEL LINES MAY BE ENCOUNTERED IN THE SAME TRENCH OR GENERAL AREA. SINGLE LINES WERE SHOWN FOR CLARITY.
10. CALL BEFORE YOU DIG. ALL UTILITIES MAY NOT BE SHOWN IN THE PLANS. THE CONTRACTOR SHALL FIELD LOCATE ALL UTILITIES WITHIN WORK AREA PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY UTILITY CONFLICTS BETWEEN PROPOSED STRUCTURES & UTILITIES. ADJUSTMENTS OF ALL STRUCTURES MAY BE NECESSARY TO AVOID UTILITY CONFLICTS. ADJUSTMENTS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION. HAND DIG WITHIN 36" OF ALL UTILITIES NOT SCHEDULED FOR DEMOLITION.

EQUIPMENT TAG LEGEND

LUMINAIRES

L1 – LUMINAIRE TYPE
H–3a – UPPERCASE LETTER DENOTES PANEL NAME, NUMBER DENOTES CIRCUIT NUMBER(S), LOWERCASE LETTER DENOTES SWITCH LEG

SNAP SWITCHES

$3,a – NUMBER DENOTES SWITCH CONFIGURATION. LOWER CASE LETTER DENOTES SWITCH LEG.

EQUIPMENT CONNECTIONS

P–1 – EQUIPMENT TAG
H–1,3,5 – LETTER DENOTES PANEL NAME, NUMBER DENOTES CIRCUIT NUMBER(S)

RECEPTACLES

+48" – HEIGHT ABOVE FINISH FLOOR
L–1 – LETTER DENOTES PANEL NAME, NUMBER DENOTES CIRCUIT NUMBER(S)

MOUNTING HEIGHT SCHEDULE

EQUIPMENT	HEIGHT
PANELBOARDS (TOP)	72"
SERVICE EQUIPMENT (CENTER LINE OF METER)	PER UTILITY
VFDs, MOTOR STARTERS, DISCONNECT SWITCHES (TOP)	66"
RECEPTACLES IN NON-FINISHED AND MECH. SPACES (CENTER)	48"
WALL MOUNTED SWITCHES (CENTER)	46"

BID DOCUMENTS

REVISIONS

REV	DATE	DESCRIPTION	BY

STATE OF ALASKA 49TH
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EE 11387
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6/7/24

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CERTIFICATE NO. AECC705

BETHEL QFC-2 LIFT STATION UPGRADE
CITY BETHEL, ALASKA
ELECTRICAL LEGEND, ABBREVIATIONS AND SCHEDULES

PROJECT –
DATE MAY 2024

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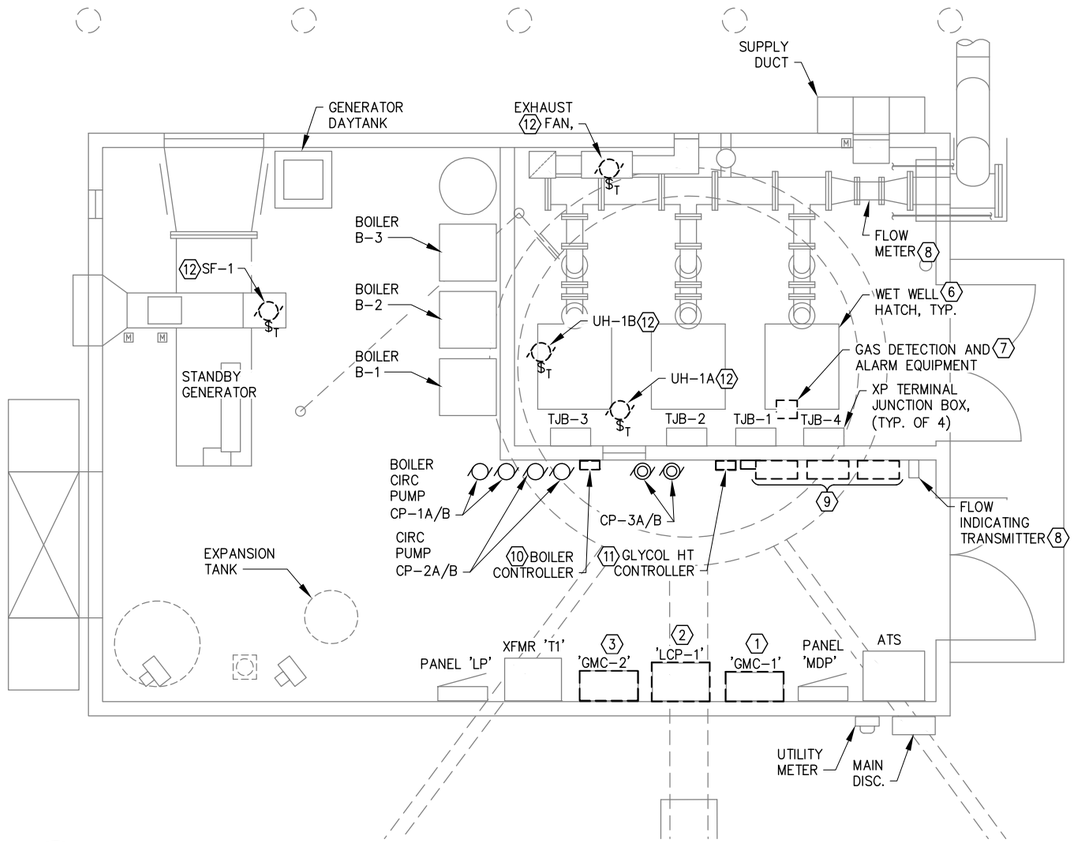
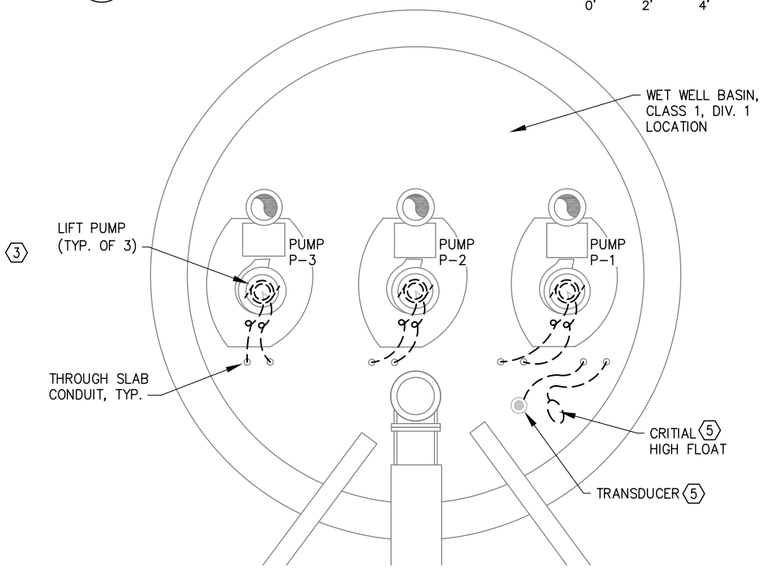
SHEET
E-001

P:\Projects\DOWL\Bethel QFC-2 Lift Station\Dwgs\Elec\E-001 ELECTRICAL LEGEND, ABBREVIATIONS AND SCHEDULES.DWG PLOT DATE 2024-6-7 12:49 SAVED DATE 2024-06-07 12:48

P:\Projects\DOWL\Bethel QFC-2 Lift Station\Dwgs\Elec\E-101 ELECTRICAL FLOOR PLAN AND SECTION - EXISTING AND DEMOLITION.dwg PLOT DATE 2024-6-7 12:49 SAVED DATE 2024-05-01 09:41



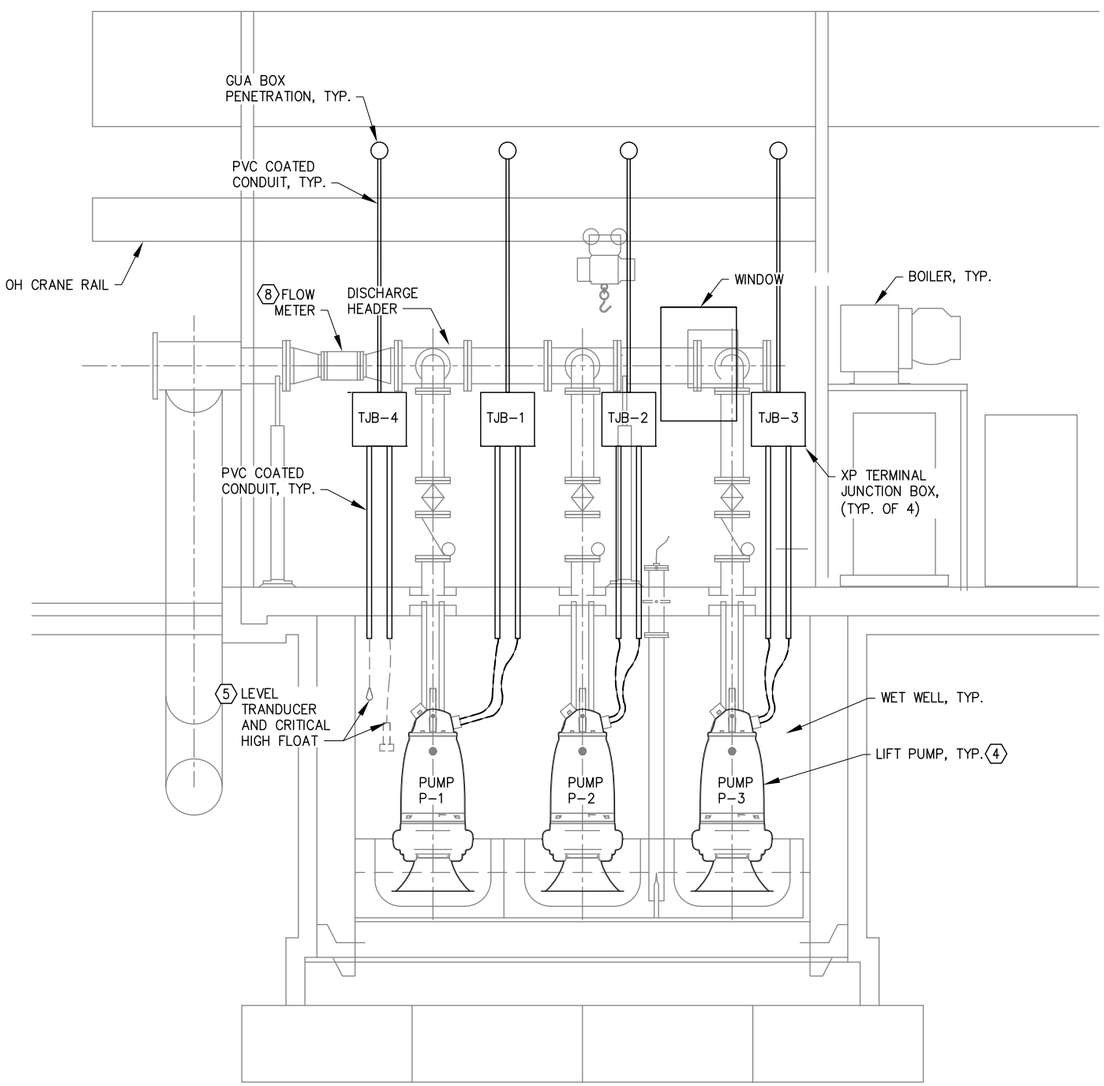
1 E-101 GROUND LEVEL FLOOR PLAN - EXISTING AND DEMOLITION
SCALE: 3/8" = 1'-0"
0' 2' 4'



2 E-101 WET WELL PLAN - EXISTING AND DEMOLITION
SCALE: 1/2" = 1'-0"
0 2' 4'

SHEET NOTES

1. DEMOLISH (E) MOTOR CONTROL PANEL (GMC-1) AND ALL ASSOCIATED WIRING. REPLACE EQUIPMENT AS SHOWN ON NEW WORK PLANS.
2. DEMOLISH (E) PLC-BASED CONTROL PANEL (LCP-1) AND ALL ASSOCIATED WIRING. REPLACE EQUIPMENT AS SHOWN ON NEW WORK PLANS.
3. DEMOLISH (E) MOTOR CONTROL PANEL (GMC-2) AND ALL ASSOCIATED WIRING. REPLACE EQUIPMENT AS SHOWN ON NEW WORK PLANS.
4. DEMOLISH (E) LIFT PUMPS AND CABLES/WIRING BACK THROUGH XP TERMINATION J-BOXES AND BACK TO GMC-1 PANEL. CONDUITS SHALL REMAIN FOR REUSE. REPLACE WITH NEW AS SHOWN ON NEW WORK PLANS (TYPICAL OF 3). SEE CIVIL DRAWINGS.
5. DEMOLISH (E) LEVEL TRANSDUCER/FLOATS AND ASSOCIATED CABLES THROUGH XP TERMINATION J-BOX BACK AND BACK TO CONTROL PANEL 'LCP-1'. CONDUITS SHALL REMAIN FOR REUSE. REPLACE WITH NEW AS SHOWN ON NEW WORK PLAN.
6. WET WELL DEMOLITION PLAN BELOW HATCH SHOWN IN DETAIL 2 AND 3, THIS SHEET. TYPICAL.
7. GAS DETECTORS, ALARM STROBE AND HORN. DEMOLISH ALL RELATED EQUIPMENT AND WIRING. CONDUITS SHALL REMAIN FOR REUSE.
8. FLOW METER (FE-401) AND TRANSMITTER TO REMAIN FOR REUSE. RECONNECT TO NEW CONTROL SYSTEM AS SHOWN ON NEW WORK PLAN.
9. DEMOLISH TELCO J-BOX, MC600 GAS DETECTOR, 'EMP' COMM DIALER AND ALL ASSOCIATED POWER AND SIGNAL CIRCUITS AND DEVICES.
10. BOILER CONTROL SYSTEM. CONTROLS SHALL BE RECONFIGURED AS INDICATED ON THE NEW WORK PLAN.
11. GLYCOL HEAT TRACE CONTROL SYSTEM. CONTROLS SHALL BE RECONFIGURED AS INDICATED ON THE NEW WORK PLAN.
12. DEMOLISH (E) EQUIPMENT AND REPLACE AS SHOWN ON NEW WORK PLAN.



3 E-101 ELEVATION PLAN - EXISTING AND DEMOLITION
SCALE: 1/2" = 1'-0"
0 2' 4'

BID DOCUMENTS

REV	DATE	DESCRIPTION	BY

REVISIONS

STATE OF ALASKA 49TH
John A. Pepe
EE 11387
REGISTERED PROFESSIONAL ENGINEER
6/7/24

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LICENSE NO. AECC705

BETHEL QFC-2 LIFT STATION UPGRADE
CITY BETHEL, ALASKA

ELECTRICAL FLOOR PLAN AND SECTION
- EXISTING AND DEMOLITION

PROJECT –
DATE MAY 2024

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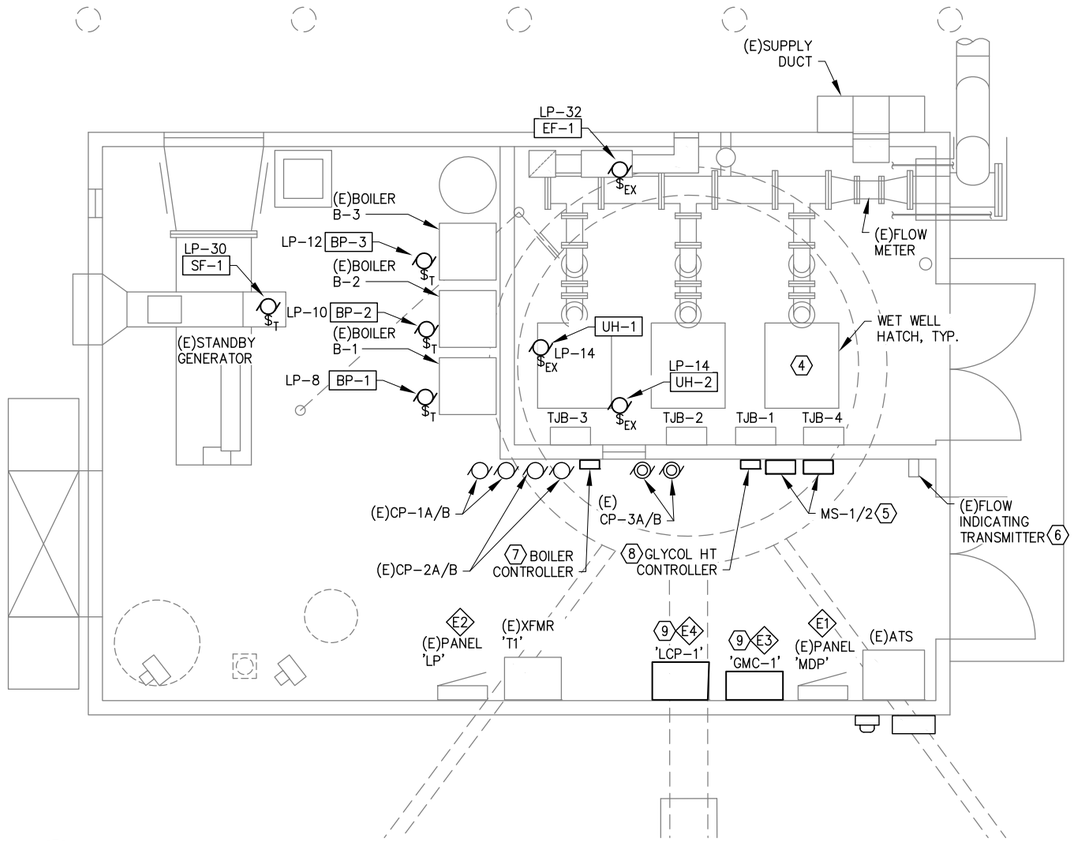
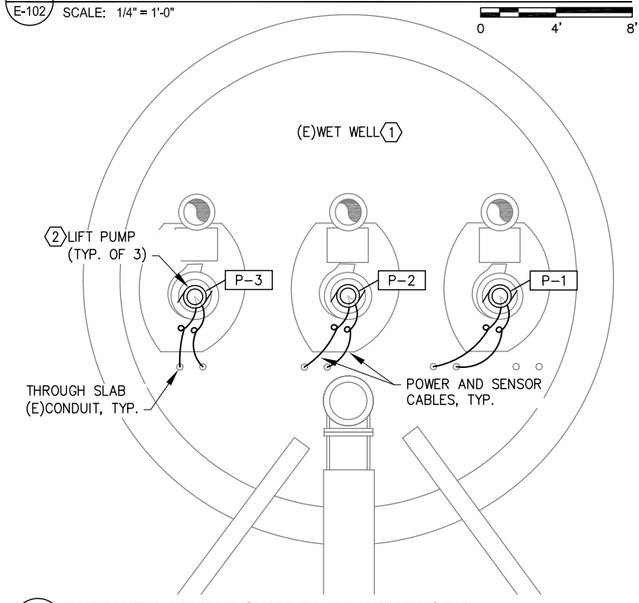
E-101



1 E-102 GROUND LEVEL POWER PLAN - NEW WORK
SCALE: 1/4" = 1'-0"
0 4' 8'



2 E-102 WET WELL LEVEL POWER PLAN - NEW WORK
SCALE: 1/2" = 1'-0"
0 2' 4'

SHEET NOTES

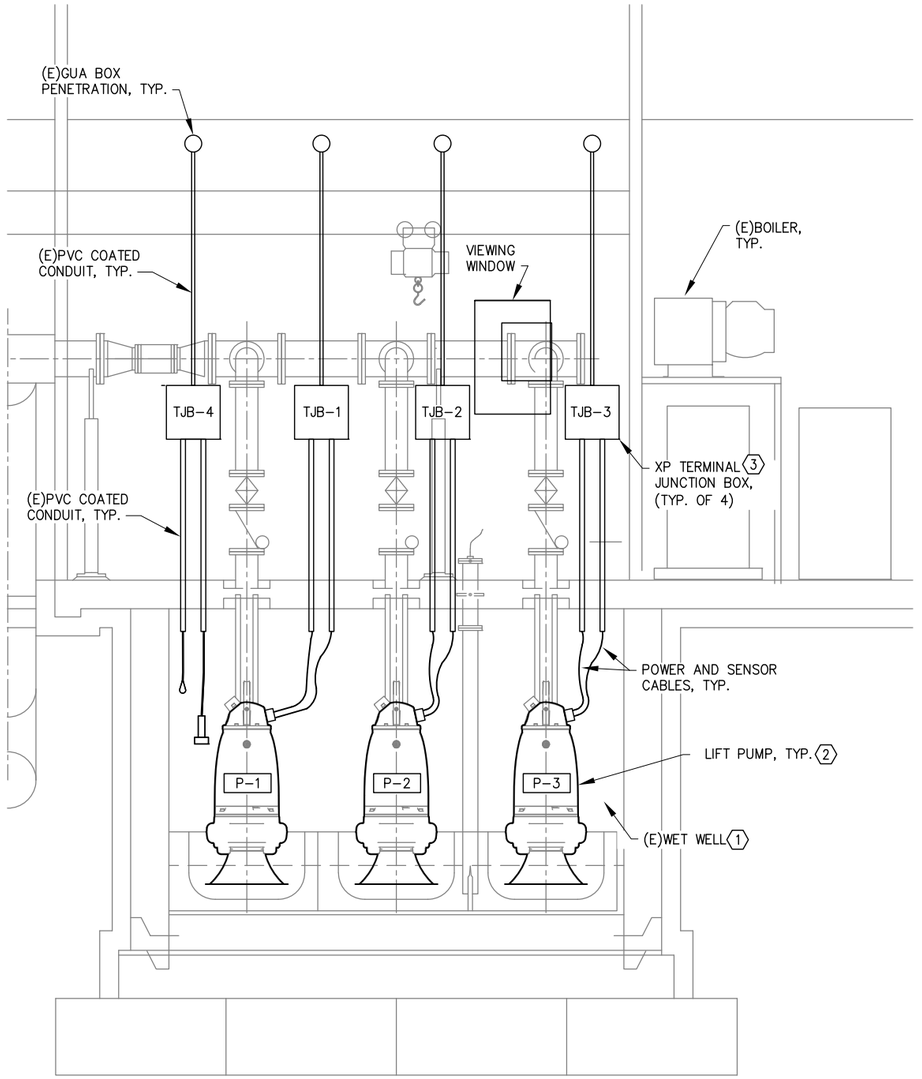
1. WET WELL AND PUMP ACCESS ROOM ARE CLASS 1, DIVISION 1 GROUP D HAZARDOUS LOCATIONS. ALL EQUIPMENT IN THESE AREA SHALL BE RATED FOR THIS CLASSIFICATION.
2. PROVIDE NEW LIFT PUMP (P-1, P-2, P-3) AND ALL ASSOCIATED POWER AND SENSOR CIRCUITS. SEE CIVIL DRAWINGS AND SPECIFICATIONS FOR DETAILS.
3. REFURBISH (E) XP PUMP TERMINATION J-BOX. REPLACE TERMINATION BLOCKS AND ALL MISSING HARDWARE. COAT ALL CABLE TERMINATIONS AND BOLTS WITH ANTI-SEIZE/CORROSION INHIBITOR. TYPICAL OF 4.
4. WET WELL NEW WORK PLAN BELOW HATCH SHOWN IN DETAIL 2 AND 3, THIS SHEET. TYPICAL.
5. 480V MOTOR STARTERS MS-1/MS-2 CONTROLLING GLYCOL HT PUMPS CP-3A/B. SEE SHEET E-601 AND E-605.
6. (E) FLOW METER AND TRANSMITTER. RECONNECT TO NEW CONTROL SYSTEM.
7. BOILER CONTROL SYSTEM. CONTROLS SHALL BE RECONFIGURED USING A NEW BOILER CONTROL PANEL BCP-1. SEE SHEET E-605 AND 714 FOR DETAILS.
8. GLYCOL HEAT TRACE CONTROL SYSTEM. CONTROLS SHALL BE RECONFIGURED AS SHOWN ON SHEET E-605, 712 AND 713.
9. PROVIDE NEW CONTROL PANELS AND EQUIPMENT AS INDICATED.

P-X SEE SHEET E-601 FOR LIFT PUMP EQUIPMENT CONNECTION SCHEDULE.

EX SEE SHEET E-601 FOR ELECTRICAL EQUIPMENT SCHEDULE.

EQUIPMENT CONNECTION SCHEDULE							
TAG ID	LOAD					CIRCUIT SIZE	NOTES
	KVA	HP	FLC	V	PH		
BP-1		1/4		120	1	1/2"C, 2#12(H,N), 1#12 EGC	
BP-2		1/4		120	1	1/2"C, 2#12(H,N), 1#12 EGC	
BP-3		1/4		120	1	1/2"C, 2#12(H,N), 1#12 EGC	
EF-1		1/6		120	1	1/2"C, 2#12(H,N), 1#12 EGC	1,2
SF-1		FHP		120	1	1/2"C, 2#12(H,N), 1#12 EGC	2
UH-1		1/3		120	1	1/2"C, 2#12(H,N), 1#12 EGC	1,2
UH-2		1/3		120	1	1/2"C, 2#12(H,N), 1#12 EGC	1,2

NOTES: 1) PROVIDE CLASS 1, DIV. 1 CONNECTIONS TO EQUIPMENT
2) REUSE (E) CONDUIT, REPLACE WIRING WITH NEW



3 E-102 ELEVATION POWER PLAN - NEW WORK
SCALE: 1/2" = 1'-0"
0 2' 4'

BID DOCUMENTS

REVISIONS			
REV	DATE	DESCRIPTION	BY

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CORP. LICENSE NO. AECC705

BETHEL QFC-2 LIFT STATION UPGRADE
CITY BETHEL, ALASKA

ELECTRICAL FLOOR PLAN AND SECTION - POWER

PROJECT –
DATE MAY 2024

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SHEET
E-102

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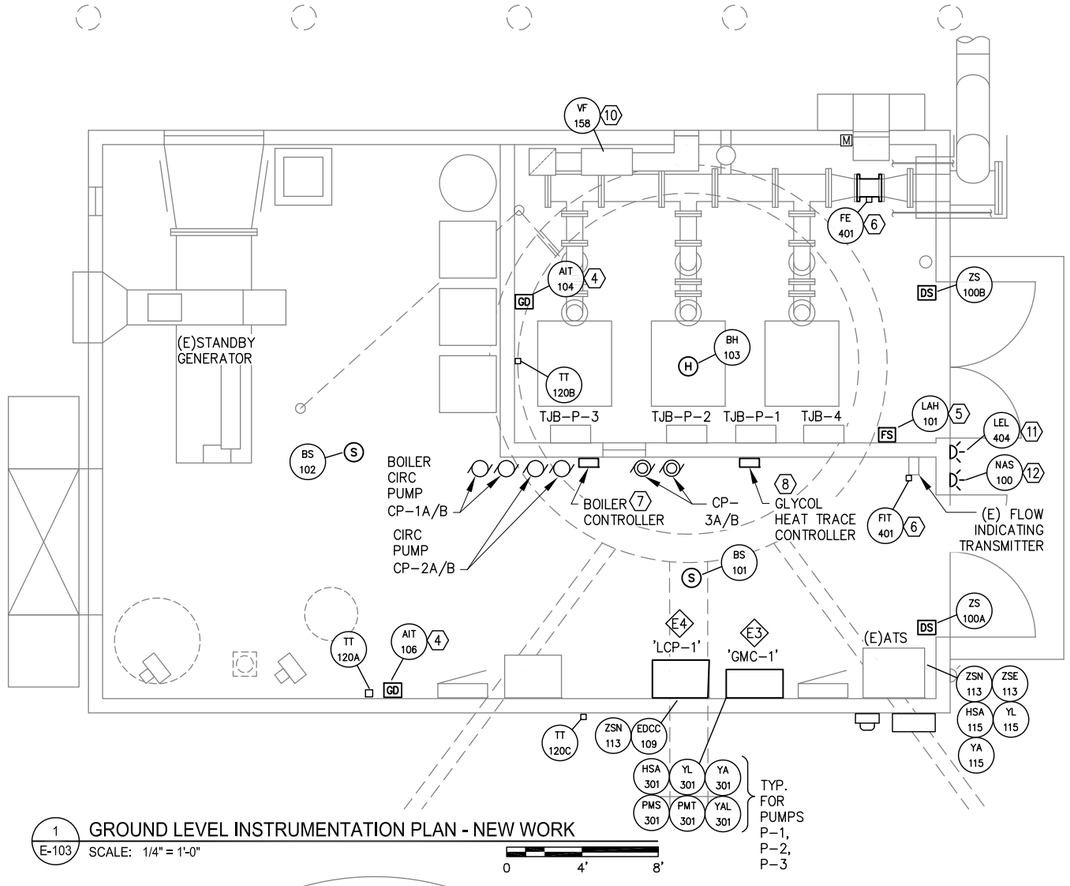
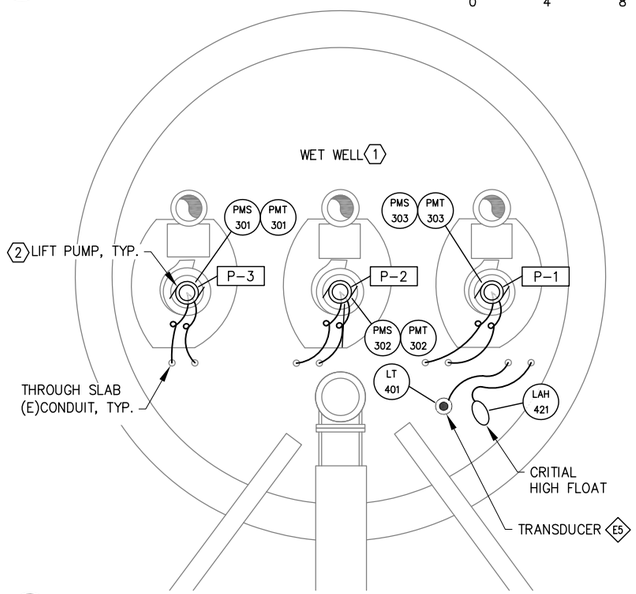
SHEET NOTES

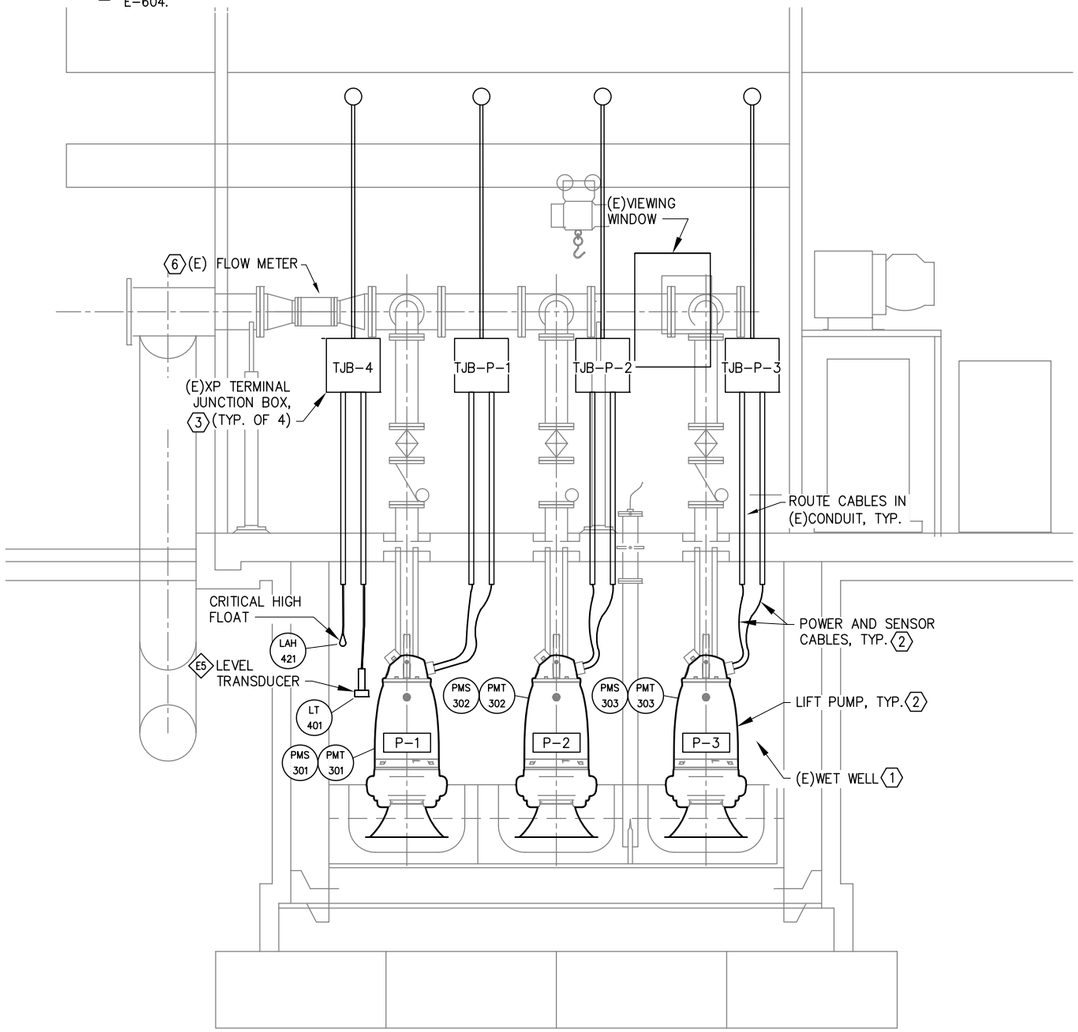
1. WET WELL AND PUMP ACCESS ROOM ARE CLASS 1, DIVISION 1 GROUP D HAZARDOUS LOCATIONS. ALL EQUIPMENT IN THESE AREA SHALL BE RATED FOR THIS CLASSIFICATION.
2. PROVIDE NEW LIFT PUMP (P-1, P-2, P-3) ASSOCIATED POWER AND SENSOR CIRCUITS. SEE SHEET E-604 AND SPECIFICATIONS FOR DETAILS.
3. REFURBISH (E) XP PUMP TERMINATION J-BOX. REPLACE TERMINATION BLOCKS AND ALL MISSING HARDWARE. COAT ALL CABLE TERMINATIONS AND BOLTS WITH ANTI-SEIZE/CORROSION INHIBITOR. TYPICAL OF 4.
4. LEL GAS DETECTOR. SEE SPECIFICATIONS.
5. FLOOD SENSOR. SEE SPECIFICATIONS.
6. (E) FLOW METER TO BE RECONNECTED TO CONTROL PANEL 'LCP-1'. SEE SHEET E-708.
7. NEW BOILER CONTROLLER. SEE SHEET E-605 FOR DETAILS. PROVIDE REQUIRED WIRING FOR A FUNCTIONAL SYSTEM. SEE MECHANICAL FOR FURTHER DETAILS.
8. NEW GLYCOL HEAT TRACE CONTROLLER. SEE SHEET E-605 FOR DETAILS. SEE MECHANICAL FOR FURTHER DETAILS.
9. HIGH LEVEL ALARM STROBE. SEE SIGNAGE REQUIREMENTS ON SHEET E-604.
10. PROVIDE EXHAUST FAN (EF-1) CONTROL VIA 120VAC RELAY BASED ON LEL LEVELS WITHIN THE WET WELL ROOM. SEE SHEET E-703 AMD E-706.
11. ENTRY/NO ENTRY WARNING LIGHTS. PROVIDE WITH SIGNAGE AS INDICATED ON SHEET E-604.
12. WET WELL HIGH LEVEL WARNING LIGHTS. PROVIDE WITH SIGNAGE AS INDICATED ON SHEET E-604.



1 E-103 GROUND LEVEL INSTRUMENTATION PLAN - NEW WORK
SCALE: 1/4" = 1'-0"
0 4' 8'



2 E-103 WET WELL LEVEL INSTRUMENTATION PLAN - NEW WORK
SCALE: 1/2" = 1'-0"
0 2' 4'



3 E-103 ELEVATION INSTRUMENTATION PLAN - NEW WORK
SCALE: 1/2" = 1'-0"
0 2' 4'

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REVISIONS			
REV	DATE	DESCRIPTION	BY

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BETHEL QFC-2 LIFT STATION UPGRADE
CITY BETHEL, ALASKA

ELECTRICAL FLOOR PLAN AND SECTION
- CONTROLS_INSTRUMENTATION

PROJECT –
DATE MAY 2024

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E-103

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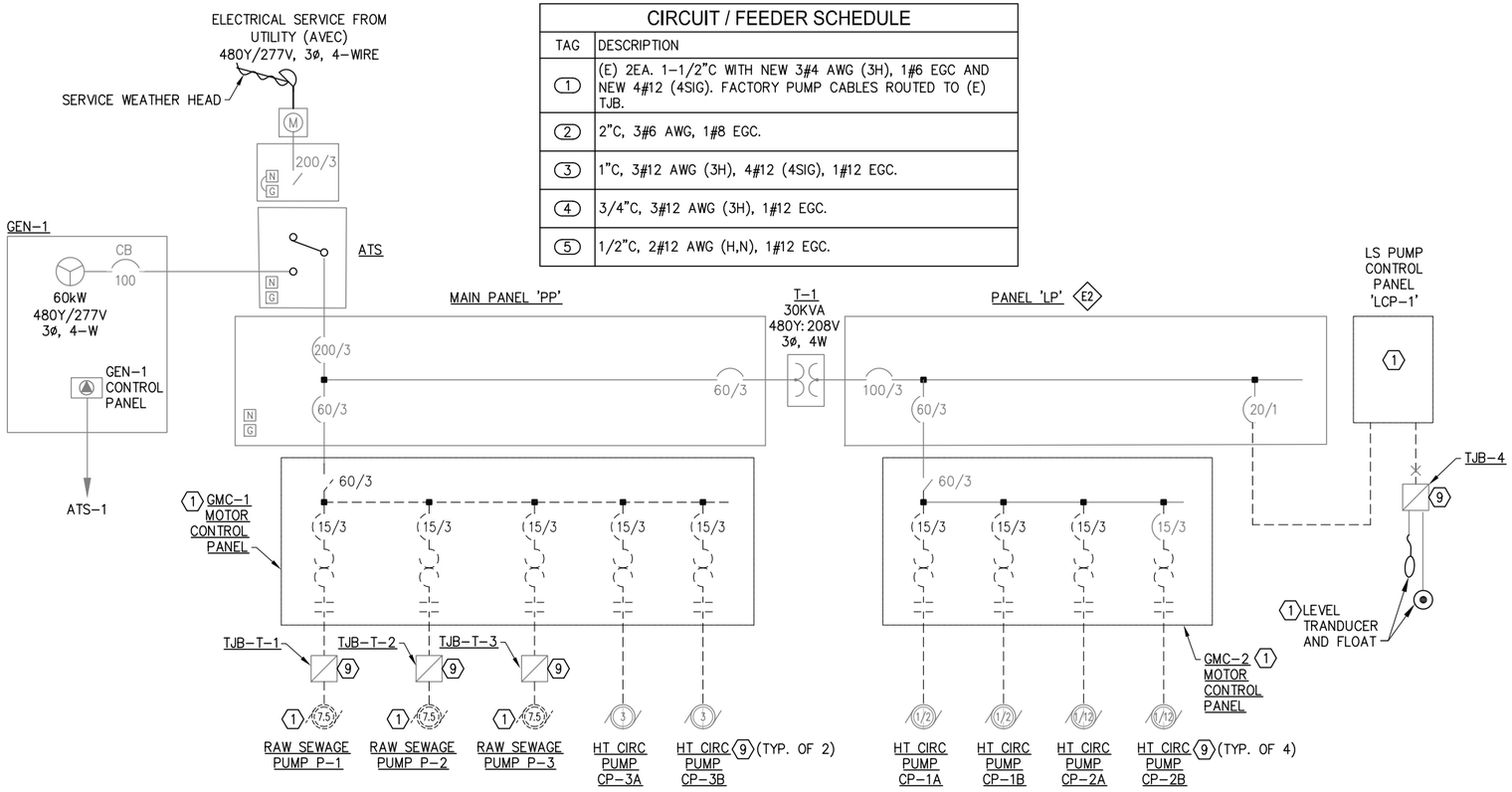
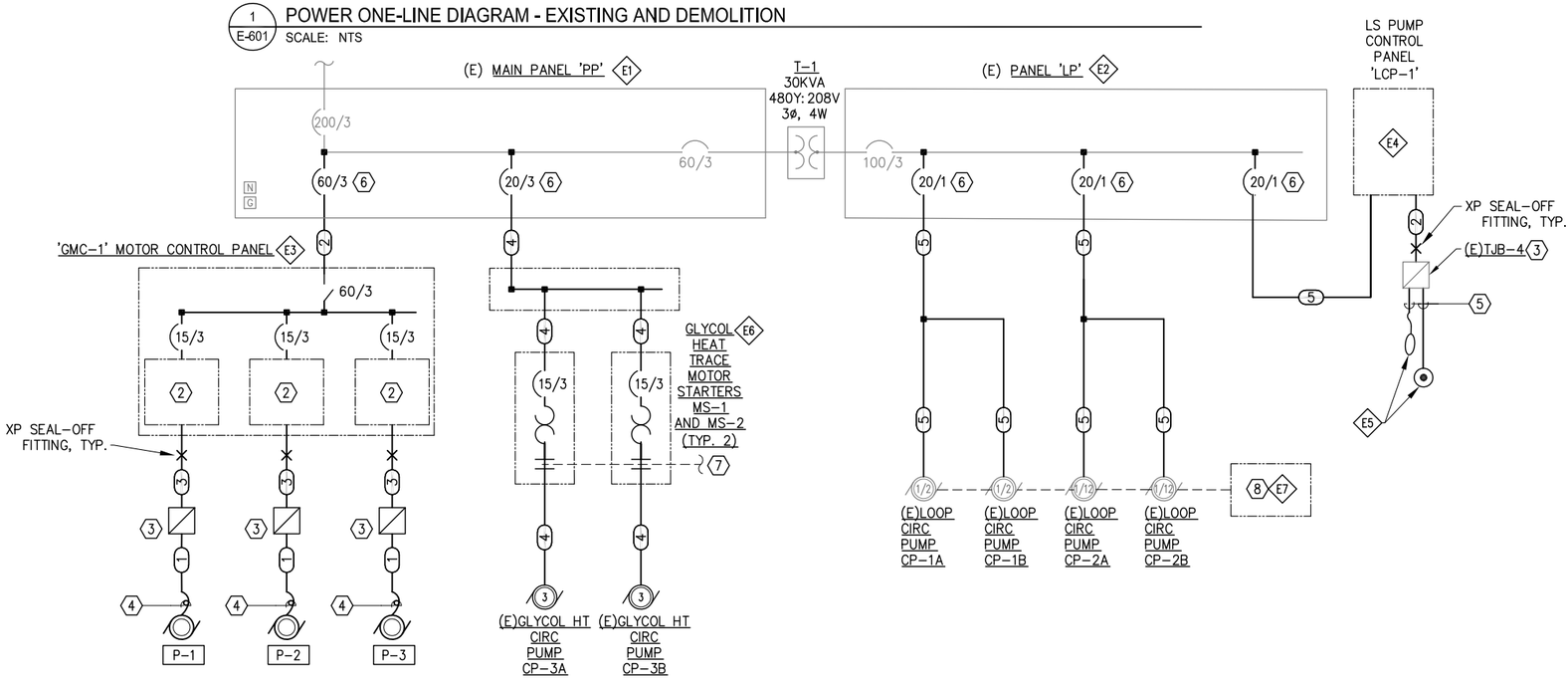
CIRCUIT / FEEDER SCHEDULE	
TAG	DESCRIPTION
(1)	(E) 2EA. 1-1/2"C WITH NEW 3#4 AWG (3H), 1#6 EGC AND NEW 4#12 (4SIG). FACTORY PUMP CABLES ROUTED TO (E) TJB.
(2)	2"C, 3#6 AWG, 1#8 EGC.
(3)	1"C, 3#12 AWG (3H), 4#12 (4SIG), 1#12 EGC.
(4)	3/4"C, 3#12 AWG (3H), 1#12 EGC.
(5)	1/2"C, 2#12 AWG (H,N), 1#12 EGC.



1 E-601 POWER ONE-LINE DIAGRAM - EXISTING AND DEMOLITION
SCALE: NTS



2 E-601 POWER ONE-LINE DIAGRAM - NEW WORK
SCALE: NTS

SHEET NOTES

1. DEMOLISH (E) EQUIPMENT. REPLACE AS SHOWN IN NEW WORK PLAN.
2. PROVIDE LIFT PUMP POWER AND CONTROLS AS SHOWN ON SHEETS E-709 TO E-711 FOR DETAILS.
3. REFURBISH (E) PUMP POWER AND CONTROLS TERMINATION J-BOXES AS DESCRIBED ON SHEET E-102 AND E-103.
4. NEW PUMP POWER AND SENSOR CABLES PROVIDED WITH EQUIPMENT. PROVIDE LENGTHS SUFFICIENT FOR NEW INSTALLATION.
5. INSTRUMENTATION CABLES SUPPLIED WITH EQUIPMENT. PROVIDE LENGTHS SUFFICIENT FOR NEW INSTALLATION.
6. PROVIDE A NEW CIRCUIT BREAKER IN THE SIZE AND CONFIGURATION SHOWN.
7. PROVIDE GLYCOL HEAT TRACE CONTROLS AS REQUIRED. SEE SHEET E-605, E-712 AND MECHANICAL FOR DETAILS.
8. PROVIDE BOILER HEATING CONTROLS AS REQUIRED. SEE SHEET E-605, E-714 AND MECHANICAL FOR DETAILS.
9. EQUIPMENT TO REMAIN FOR RECONNECTION.

ELECTRICAL EQUIPMENT SCHEDULE		
ITEM NO.	DESCRIPTION	MANUFACTURER OR EQUAL
E1	(E) 225A, 480V, 3ø, 4-W PANELBOARD 'PP', NEMA 1.	SIEMENS, TYPE P2, #P2F18FX200ATS
E2	(E) 100A, 208/120V, 3ø, 4-W PANELBOARD 'LP', NEMA 1, 42 SPACE	SIEMENS, TYPE P1, #P1C42BL050ATS
E3	NEW GROUP MOTOR CONTROL PANEL (GMC-1)	TBD. SEE SHEETS E-709 THRU E-711 AND SPECIFICATIONS
E4	NEW LIFT STATION CONTROL PANEL (LCP-1)	TBD. SEE SHEETS E-701 THRU E-708 AND SPECIFICATIONS
E5	NEW LEVEL TRANSDUCER AND CRITICAL HIGH FLOAT EQUIPMENT. CABLES SUPPLIED WITH EQUIPMENT.	CONTEGRA SLX130 AND FLYGT ENM-10.
E6	NEW COMBINATION MOTOR STARTER. SIZE 0 RATED, 480V, 3ø, NEMA 12, START/STOP PILOT LIGHTS.	SQUARE D. SEE SHEET E-712 AND E-713
E7	NEW BOILER CONTROL PANEL (BCP-1)	TEKMAR 284. SEE SHEET E-605 AND E-714

EQUIPMENT CONNECTION SCHEDULE							
TAG ID	LOAD					CIRCUIT SIZE	NOTES
	KVA	HP	FLC	V	PH		
P-1		5		480	3	SEE POWER ONE-LINE	(N) PUMP
P-2		5		480	3	SEE POWER ONE-LINE	(N) PUMP
P-3		5		480	3	SEE POWER ONE-LINE	(N) PUMP
CP-1A		1/2		120	1	SEE POWER ONE-LINE	(E) PUMP
CP-1B		1/2		120	1	SEE POWER ONE-LINE	(E) PUMP
CP-2A		1/12		120	1	SEE POWER ONE-LINE	(E) PUMP
CP-2B		1/12		120	1	SEE POWER ONE-LINE	(E) PUMP
CP-3A		3		480	3	SEE POWER ONE-LINE	(E) PUMP
CP-3B		3		480	3	SEE POWER ONE-LINE	(E) PUMP

BID DOCUMENTS

REVISIONS

REV	DATE	DESCRIPTION	BY

STATE OF ALASKA 49TH
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6/7/24

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EDC PROJECT NO. ACC0705

BETHEL QFC-2 LIFT STATION UPGRADE
CITY BETHEL, ALASKA

POWER ONE-LINE DIAGRAMS

PROJECT –
DATE MAY 2024

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SHEET
E-601

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INSTRUMENT CONNECTION SCHEDULE

TAG ID	DEVICE	SIGNAL CIRCUIT SIZE	DESTINATION	POWER CIRCUIT SIZE (IF REQUIRED)	DESTINATION	NOTES
AIT–104 AIT–106	LEL GAS DETECTOR	3/4"C, 1PR#18 TWSH	LCP–1	3/4"C, 4#14(4SIG), 1#14 EGC		ANALOG
BS–101 BS–102 BH–103	SMOKE AND HEAT DETECTORS	3/4"C, 1PR#18 TWSH	LCP–1			ANALOG
TT–120A TT–120B	INTERIOR TEMPERATURE SENSORS	3/4"C, 1PR#18 TWSH	LCP–1			ANALOG
LEL 404	ENTRY/NO ENTRY WARNING LIGHTS	3/4"C, 4#14(4SIG), 1#14 EGC	LCP–1			DISCRETE
ZS–100A ZS–100B	DOOR SECURITY CONTACTS	3/4"C, 4#14(4SIG), 1#14 EGC	LCP–1			DISCRETE
NAS–400	HIGH LEVEL ALARM	3/4"C, 2#14(2SIG), 1#14 EGC	LCP–1			DISCRETE
VF–158	VENTILATION FAN	3/4"C, 2#14(2SIG), 1#14 EGC	LCP–1	1/2"C, 4#12, 1#12 EGC		DISCRETE
ZSN–113 ZSE–113 HSA–115 YL–115 YA–115	GENERATOR/ATS SIGNALS	3/4"C, 10#14(10SIG), 1#14 EGC	LCP–1			DISCRETE
LT–401	LEVEL TRANSDUCER	3/4"C, 1PR#18 TWSH	LCP–1			ANALOG
LAH–421	HIGH LEVEL FLOAT	3/4"C, 2#14(2SIG), 1#14 EGC	LCP–1			DISCRETE
HSA–301,2,3 YA–301,2,3 YL–301,2,3 YS–301,2,3	GROUP MOTOR CONTROL PANEL, GMC–1 FOR P–1, P–2, P–3, TYP. EACH PUMP	FOR EACH PUMP: 3/4"C, 8#14(8SIG), 1#14 EGC	LCP–1			DISCRETE
PMS–301,2,3 PMT–301,2,3	PUMP P–1, P–2, P–3 MOTOR TEMPERATURE AND SEAL FAIL	FOR EACH PUMP: 3/4"C, 2#14(2SIG), 1#14 EGC	LCP–1			DISCRETE
LAH–101	FLOOD SENSOR	3/4"C, 2#14(2SIG), 1#14 EGC	LCP–1			DISCRETE
FIT–401 FE–401	(E) FLOW METER	3/4"C, 1PR#18 TWSH	LCP–1			ANALOG

NEW SERVICE LOAD CALCULATION

PROJECT:	BETHEL QFC-2 LIFT STATION UPGRADE
SERVICE:	AVEC
SYSTEM VOLTAGE:	480Y/277V, 3-PH, 4-W
DATE:	1/16/2024

	LOAD	FLC (AMPS)	VOLTS	TOTAL (kVA)
(1) EXISTING DEMAND LOAD				
30-DAY PEAK DEMAND LOAD (NEC 220.87(1))				18.18
NEC FACTOR 25% (NEC 220.87(2))				4.55
SUBTOTAL KVA				22.73
(2) DELETED LOADS				
LIFT PUMP P-1	7.5HP	11	480	9.15
LIFT PUMP P-2		11	480	9.15
LIFT PUMP P-3		11	480	9.15
				0.00
				0.00
SUBTOTAL LOAD				27.44
(3) LOAD NOT ACCOUNTED FOR IN 30-DAY RECORD				
LIFT PUMP P-2				9.15
LIFT PUMP P-3				9.15
SUBTOTAL LOAD				18.29
(4) NEW LOADS				
LIFT PUMP P-1	5HP	7.6	480	6.32
LIFT PUMP P-2		7.6	480	6.32
LIFT PUMP P-3		7.6	480	6.32
SUBTOTAL LOAD				18.96

(5) TOTAL NEW SERVICE DEMAND LOAD					
LOAD 1 - LOAD 2 + LOAD 3 + LOAD 4			=	32.54	kVA
TOTAL AMPS	@	480	V, 3-PH =	39.13	A

SHEET NOTES

1. (E) EQUIPMENT AND CIRCUIT TO BE DEMOLISHED. MAINTAIN (E) CIRCUIT BREAKER AND MARK AS 'SPARE'.
2. (E) GROUP MOTOR CONTROL PANEL 2 (GMC–2) TO BE DEMOLISHED. PROVIDE NEW CIRCUITS/CIRCUIT BREAKERS AS REQUIRED TO SUPPLY NEW WORK. SEE POWER ONE–LINE DIAGRAM ON E–601 FOR NEW CIRCUIT REQUIREMENTS.

PANEL SCHEDULE 'LP'

VOLTAGE: 208/120 | BUS: 100A | MAIN: 100A | LOCATION: GENERATOR ROOM | MIN. A.I.C. RATING: 10,000 | ENCLOSURE: NEMA 1 | MOUNTING: SURFACE

CKT	AMP	LOAD DESCRIPTION	KVA	LOAD	A	B	C	LOAD	KVA	LOAD DESCRIPTION	AMP	CKT
1	20/1	WET WELL LIGHTS								DAY TANK DT-1	20/1	2
3	20/1	INSIDE LIGHTS								FAA HEAT TRACE	30/2	4
5	20/1	OUTSIDE LIGHTS										6
7	20/1	FLOW TRANSMITTER								BOILER B-1	20/1	8
9	20/1	**EMP PANEL**								BOILER B-2	20/1	10
11	20/1	**PHONE RECEPTACLE**								BOILER B-3	20/1	12
13	20/1	**MC600 GASW MONITOR**								UNIT HEATER, UH-1A & 1B WET WELL	20/1	14
15	20/1	BOILER CONTROL PANEL (BCP-1)								SPACE		16
17	20/1	SPARE								UNIT HEATER, UH-1B & 2B BOILER	20/1	18
19	30/2	**GMC 2 208 VOLT**								DUMP HEAT TRACE	20/1	20
21										GENERATOR LOUVERS	15/1	22
23	20/1	**GMC 2 CONTROL**								GENERATOR BATTERY CHARGER	15/1	24
25	20/1	**GMC 1 CONTROL**								GENERATOR BLOCK HEATER	15/1	26
27	20/1	WET WELL SIDE RECEPTACLES								GENERATOR ROOM SUPPLY FAN	20/1	28
29	20/1	30mA HEAT TRACE								SUPPLY FAN SF-1	15/1	30
31	20/1	RECEPTACLE GENERATOR								EXHAUST FAN EF-1 WET WELL	15/1	32
33		SPACE								HEAT TRACE WET WELL	20/1	34
35		SPACE								HEAT TRACE CONTROL	20/1	36
37	20/1	MINI-PRIME ELECTONIC TRAP								WASH DOWN PUMP	20/3	38
39	15/1	GFCI UNDER PANEL										40
41	15/1	GFCI UNDER PANEL										42

REVISIONS

REV	DATE	DESCRIPTION	BY

STATE OF ALASKA 49TH
John A. Pepe
EE 11387
REGISTERED PROFESSIONAL ENGINEER
6/7/24

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LICENSE NO. AECC705

BETHEL QFC-2 LIFT STATION UPGRADE
CITY BETHEL, ALASKA

ELECTRICAL SCHEDULES

PROJECT –
DATE MAY 2024

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SHEET
E-602

BID DOCUMENTS

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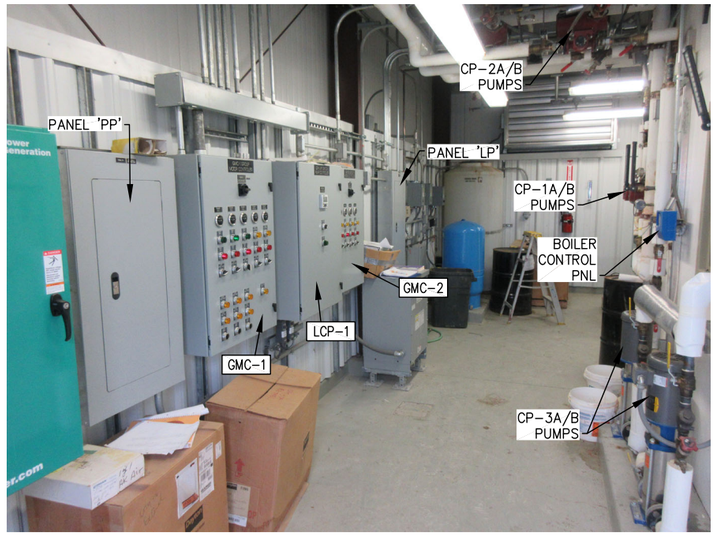
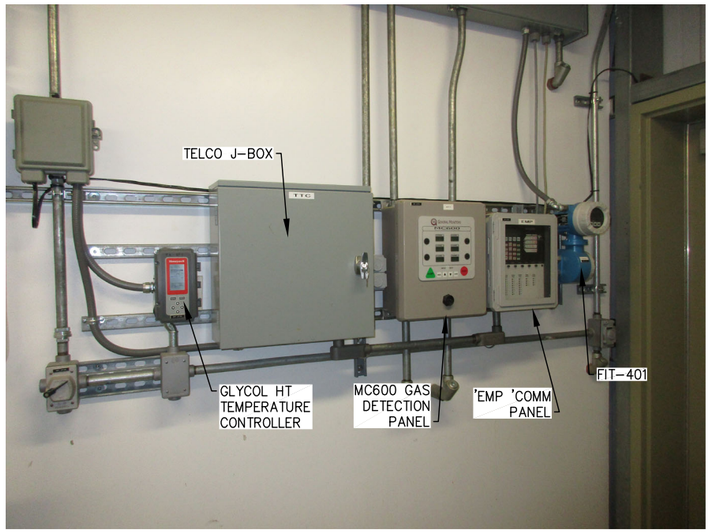
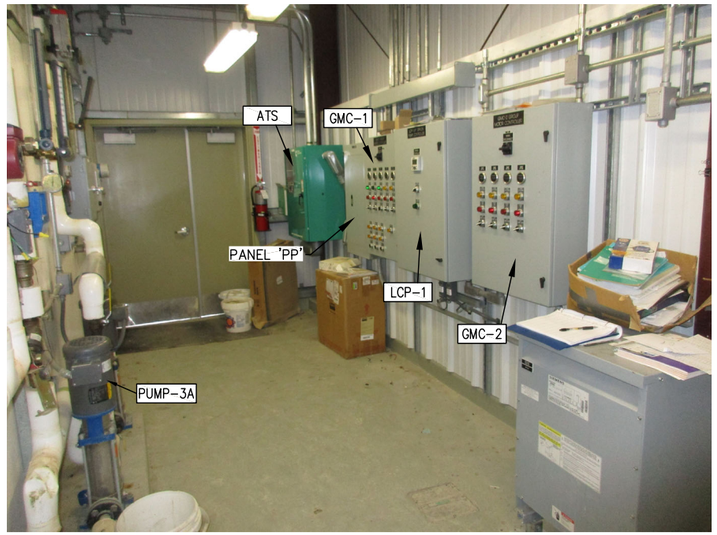


1 E-603 POWER AND CONTROL EQUIPMENT - WEST
SCALE: NTS



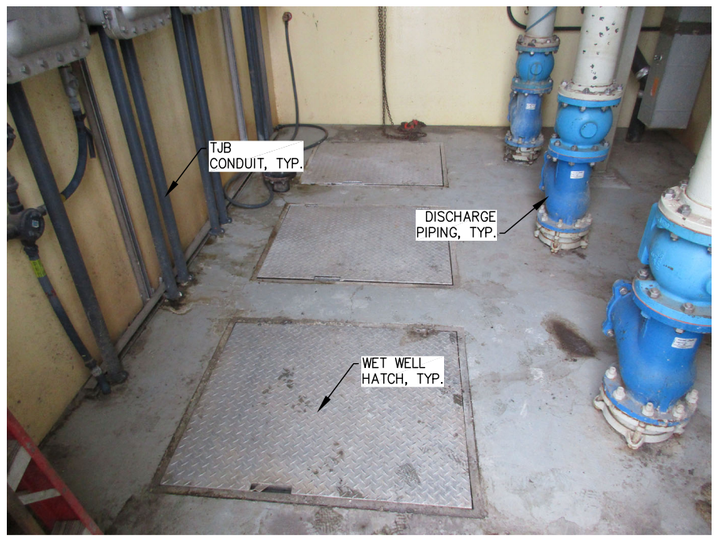
3 E-603 INSTRUMENTATION EQUIPMENT
SCALE: NTS



5 E-603 WET WELL ROOM
SCALE: NTS

2 E-603 POWER AND CONTROL EQUIPMENT - EAST
SCALE: NTS

4 E-603 WET WELL INTERIOR
SCALE: NTS



6 E-603 WET WELL ROOM FLOOR
SCALE: NTS

REVISIONS

REV	DATE	DESCRIPTION	BY

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BETHEL QFC-2 LIFT STATION UPGRADE
CITY BETHEL, ALASKA

PHOTOS OF EXISTING EQUIPMENT

PROJECT –
DATE MAY 2024

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E-603

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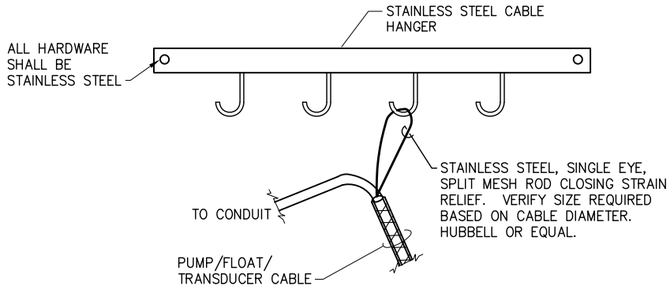

1 E-604 CABLE SUPPORT DETAIL
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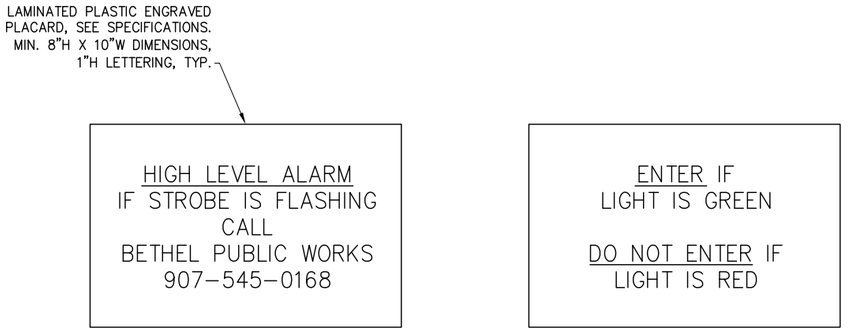
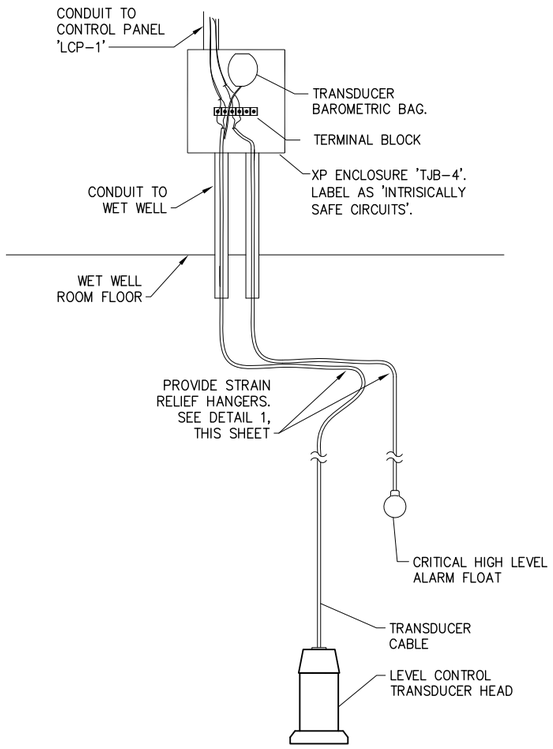


3 E-604 ALARM STROBE AND 'ENTER / DO NOT ENTER' SIGNAGE DETAIL
SCALE: NTS



2 E-604 TRANSDUCER / FLOAT DETAIL
SCALE: NTS

REVISIONS

REV	DATE	DESCRIPTION	BY

STATE OF ALASKA 49TH
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BETHEL QFC-2 LIFT STATION UPGRADE
CITY BETHEL, ALASKA

ELECTRICAL SCHEMATICS AND DETAILS

PROJECT –
DATE MAY 2024

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SHEET
E-604

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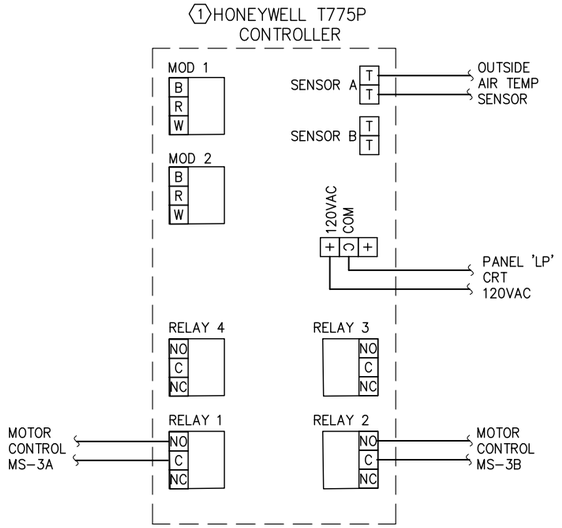


GLYCOL HEAT TRACE PUMP PANEL FEATURES:

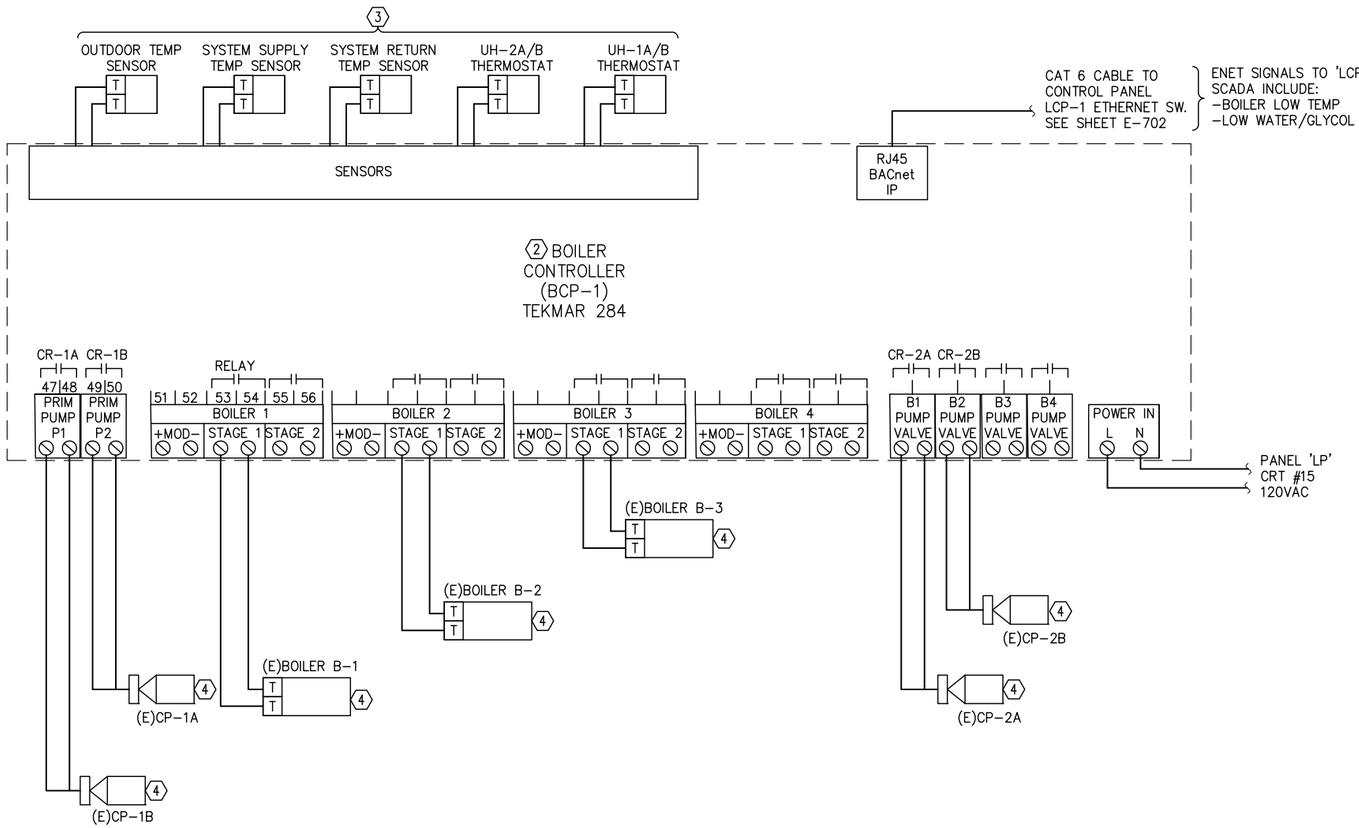
1. THE SYSTEM USES MOTOR STARTERS AND A TEMPERATURE CONTROLLER FOR THE CONTROL OF GLYCOL HEAT TRACE CIRCULATION PUMPS (CP-3A/3B). EACH PUMP STARTER HAS AN H-O-A SWITCH, 'RUNNING' AND 'FAULT' LIGHTS.

THE SYSTEM HAS THE FOLLOWING OPERATING MODES:

- HAND – IN HAND MODE THE PUMP WILL RUN CONTINUOUSLY UNLESS AN OVERLOAD, OVER-TEMP OCCURS.
- OFF – IN THE OFF MODE THE PUMP WILL BE DISABLED.
- AUTO – IN THE 'AUTO' MODE THE GLYCOL HEAT TRACE CIRCULATION OPERATION WILL BE CONTROLLED BY THE HONEYWELL CONTROLLER. WHEN A PUMP IS CALLED TO RUN BY THE CONTROLLER SENSED OUTSIDE TEMPERATURE, IT WILL RUN CONTINUOUSLY UNTIL THE CONTROLLER COMMANDS THE PUMP OFF BASED ON TEMPERATURE OR UNLESS AN OVERLOAD, OVER-TEMP OR VOLTAGE MONITOR FAULT OCCURS. THE LEAD PUMP WILL BE SELECTED MANUALLY.

SEE MECHANICAL FOR SYSTEM FUNCTIONAL DETAILS AND REQUIREMENTS.

1 / E-605 GLYCOL HEAT TRACE CONTROLLER SCHEMATIC (FOR PUMPS P-3A/3B)
SCALE: NTS



2 / E-605 BUILDING BOILER CONTROLLER SCHEMATIC
SCALE: NTS

SHEET NOTES

1. PROVIDE NEW GLYCOL HEAT TRACE CONTROLLER CIRCUITS AND CONNECTIONS AS REQUIRED. SEE SHEETS E-601, E-605 AND MECHANICAL FOR DETAILS.
2. PROVIDE NEW BOILER HEATING CONTROLLER CIRCUITS AND CONNECTIONS AS REQUIRED. SEE SHEET E-601, E-605, E-714 AND MECHANICAL FOR DETAILS.
3. PROVIDE REQUIRED SENSORS IN COORDINATION WITH DIV. 23 MECHANICAL WORK.
4. EQUIPMENT SHOWN ON MECHANICAL AND ELECTRICAL FLOOR PLAN NEW WORK DRAWINGS.

REVISIONS			
REV	DATE	DESCRIPTION	BY

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BETHEL QFC-2 LIFT STATION UPGRADE
CITY BETHEL, ALASKA

BOILER AND GLYCOL HT CONTROLLER SCHEMATICS

PROJECT –
DATE MAY 2024

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SHEET
E-605

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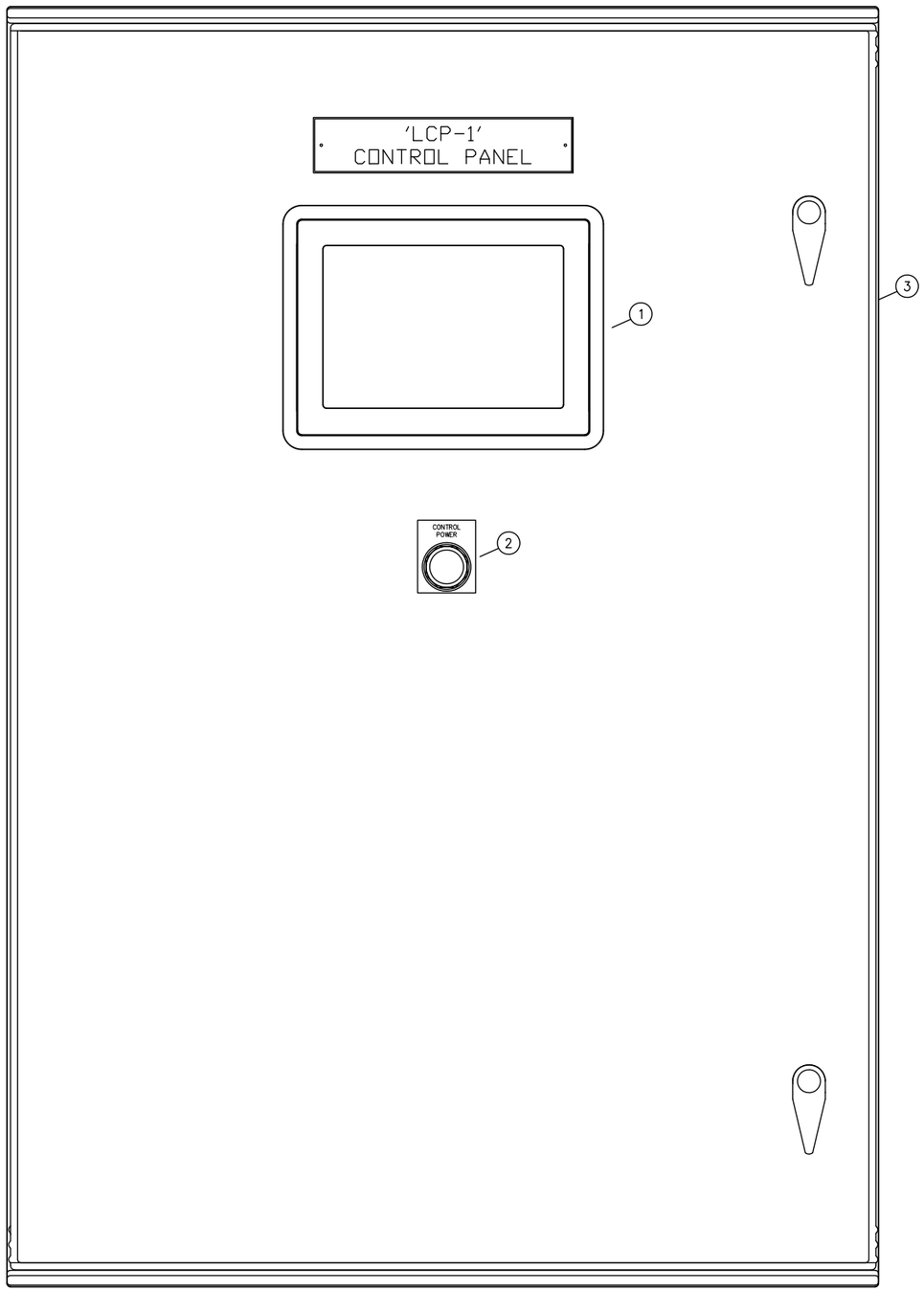
FRONT PANEL VIEW



CONTROL PANEL FUNCTIONAL DESCRIPTION

CONTROL PANEL FEATURES:

THE PANEL IS A TRIPLEX PUMP CONTROL PANEL CONTROLLING 3ø SUBMERSIBLE SEWAGE LIFT PUMPS. THE CONTROLS INCLUDE 'CONTROL POWER' PILOT LIGHTS. EACH PUMP HAS A H-O-A SWITCH; 'RUNNING' PILOT LIGHT AND A 'PUMP RESET' PUSHBUTTON ON THE OVERLOAD RELAY (SEE GMC-1 MOTOR CONTROL PANEL LAYOUT ON E-708). THE PUMP CONTROLLER HAS THE FOLLOWING FEATURES:

1. DISPLAY AND ADJUSTMENT OF WET WELL LEVEL, LEAD/LAG/STANDBY PUMP SETPOINTS, HIGH AND LOW LEVEL ALARM SETPOINTS.
2. DISPLAY OF PUMP PARAMETERS: POWER, VOLTAGE, AMPERAGE, PHASE IMBALANCE/LOSS.
3. DIPLAY OF PUMP RUNTIMES.
4. DISPLAY AND ADJUSTMENT OF AUTO-ALTERNATION OPTIONS.

THE PANEL HAS THE FOLLOWING OPERATING MODES:

- HAND – IN HAND MODE THE PUMP WILL RUN CONTINUOUSLY UNLESS AN OVERLOAD, OVERTEMPERATURE OR VOLTAGE MONITOR FAULT OCCURS. A PUMP SEAL-FAIL CONDITION WILL CREATE AN ALARM, BUT THE PUMP WILL REMAIN RUNNING.
- OFF – IN THE OFF MODE THE PUMP WILL BE DISABLED.
- AUTO – IN THE AUTO MODE THE NORMAL PUMPING OPERATION WILL BE IN A LEAD/LAG/STANDBY CONFIGURATION WITH EACH PUMP SELECTOR SWITCHES IN 'AUTO' AND THE CONTROL SET TO AUTO-ALTERNATE THE PUMPS FOLLOWING EACH PUMPING CYCLE. WHEN A PUMP IS CALLED TO RUN, IT WILL RUN UNLESS AN OVERLOAD, OVERTEMPERATURE OR VOLTAGE MONITOR FAULT OCCURS. A SEAL FAIL CONDITION WILL CREATE AN ALARM, BUT WILL NOT SHUT DOWN THE PUMP.
- SEE MOTOR 'GMC-1' MOTOR STARTER LAYOUT SHEET FOR ADDITIONAL FUNCTIONAL NARRATIVE.
- USE THE EXISTING LEVEL SET POINTS FOR APPROXIMATE WET WELL LEVEL SETTTINGS. FIELD VERIFY SETTINGS BASED ON ACTUAL OBSERVATIONS DURING PUMPING CYCLES.

CONTROL PANEL I/O:

THE PANEL HAS THE FOLLOWING INPUTS:

- 120V, SINGLE-PHASE SUPPLY POWER WITH SURGE PROTECTION
- 4-20MA WET WELL LEVEL TRANSDUCER SIGNAL
- 1 N.C. CONTACT, WET WELL REDUNDANT CRITICAL HIGH LEVEL FLOAT SWITCH

THE PANEL HAS THE FOLLOWING OUTPUTS:

- 24 VAC, ALARM STROBE

	COMPONENT SCHEDULES
ITEMS	PROVIDE MATERIALS SPECIFIED (EQUAL SUBSTITUTIONS ALLOWED)
1	HUMAN MACHINE INTERFACE (HMI) TOUCH SCREEN. SEE SHEET E-702 FOR DETAILS.
2	PILOT LIGHT, PUSH TO TEST, 120V, LED, NEMA 4X, ALLEN BRADLEY CAT #800HC-QRTH10*, WHERE * = LENS TINT AS SHOWN, TYPICAL.
3	NEMA 4X ENCLOSURE WITH REMOVABLE STEEL BACK PANEL, INNER DEAD-FRONT HINGED DOOR AND OUTER DOOR. SIZE AS REQUIRED. HOFFMAN.

BID DOCUMENTS

REVISIONS

REV	DATE	DESCRIPTION	BY

STATE OF ALASKA 49TH
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BETHEL QFC-2 LIFT STATION UPGRADE
CITY BETHEL, ALASKA

CONTROL PANEL FUNCTIONAL NARRATIVE

PROJECT –
DATE MAY 2024

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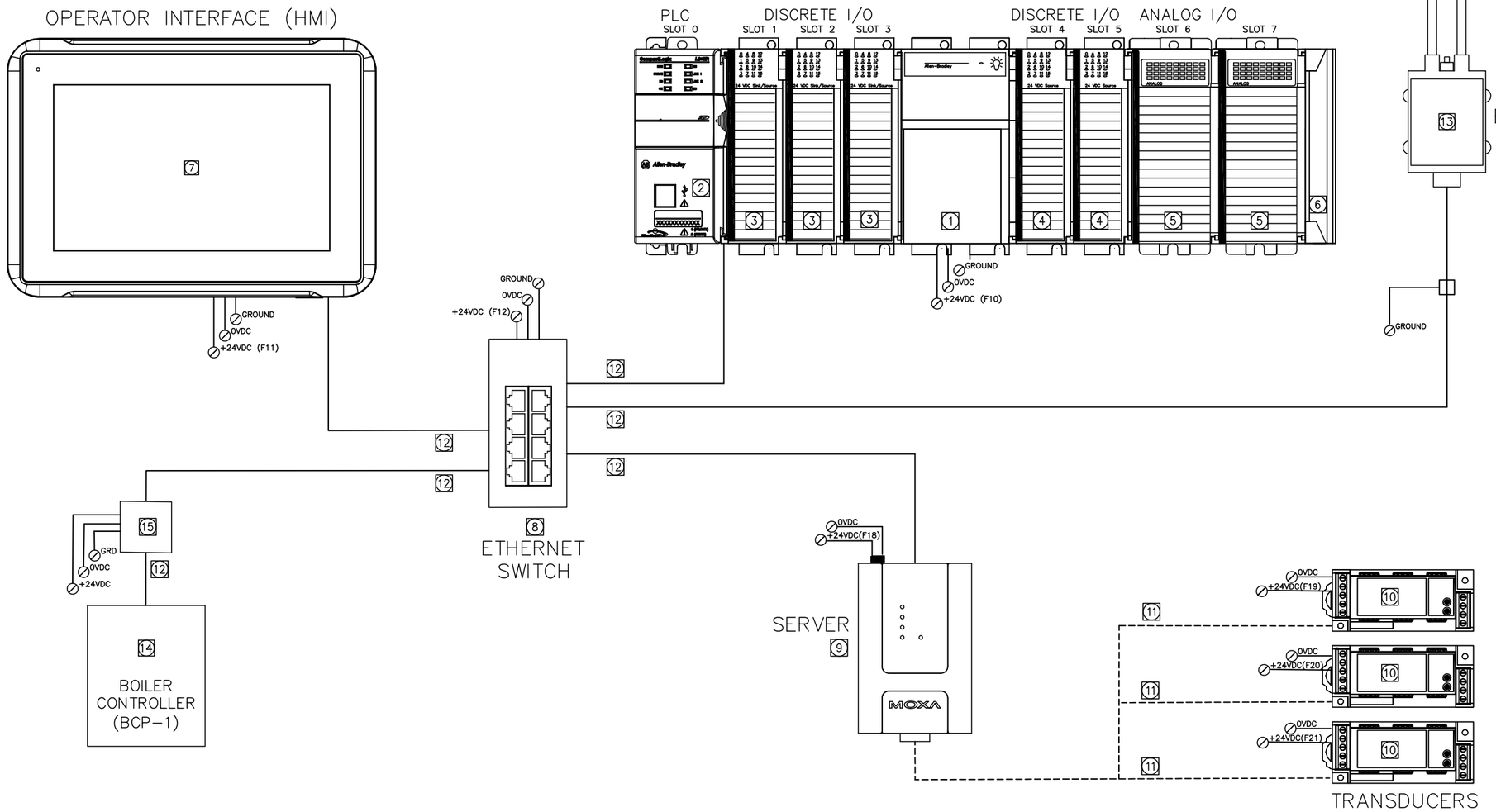
SHEET
E-701

P:\Projects\DOWL\Bethel QFC-2 Lift Station\Dwgs\Elec\E-701 CONTROL PANEL FUNCTIONAL NARRATIVE.dwg PLOT DATE 2024-6-7 12:50 SAVED DATE 2024-05-01 14:24

REF	PART NUMBER	MFGR	MODULE USE / TYPE
1	1769-PB4	AB	24 VDC POWER SUPPLY
2	1769-L30ER	AB	COMPACT LOGIX PROCESSOR (CPU)
3	1769-IQ16	AB	16 POINT DISCRETE INPUT MODULE
4	1769-OB16	AB	16 POINT DISCRETE OUTPUT MODULE
5	1769-IF8	AB	8 POINT ANALOG INPUT MODULE
6	1769-ECR	AB	RIGHT END CAP
7	X2 EXTREME 7	BEIJER	HMI TOUCH SCREEN

REF	PART NUMBER	MFGR	MODULE USE / TYPE
8	EDS-208A-T	MOXA	ETHERNET SWITCH
9	NPORT 6150-T	MOXA	TERMINAL SERVER
10	CRD5170-600-5M	CRMAGNETICS	MULTIFUNCTION TRANSDUCER
11	–	–	TSP WIRE (MODBUS RS485)
12	–	–	CAT 6 ETHERNET CABLE
13	HORIZON 4.9	ESTEEM	4.9 GHZ ETHERNET RADIO/ANTENNA (2 CHANNEL)
14	284	TEKMAR	BOILER CONTROLLER

REF	PART NUMBER	MFGR	MODULE USE / TYPE
15	MGATE MB3	MOXA	BACNET TO ETHERNET GATEWAY



REVISIONS

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STATE OF ALASKA 49TH
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BETHEL QFC-2 LIFT STATION UPGRADE
CITY BETHEL, ALASKA

PLC PANEL LAYOUT

PROJECT –
DATE MAY 2024

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SHEET
E-702

BID DOCUMENTS

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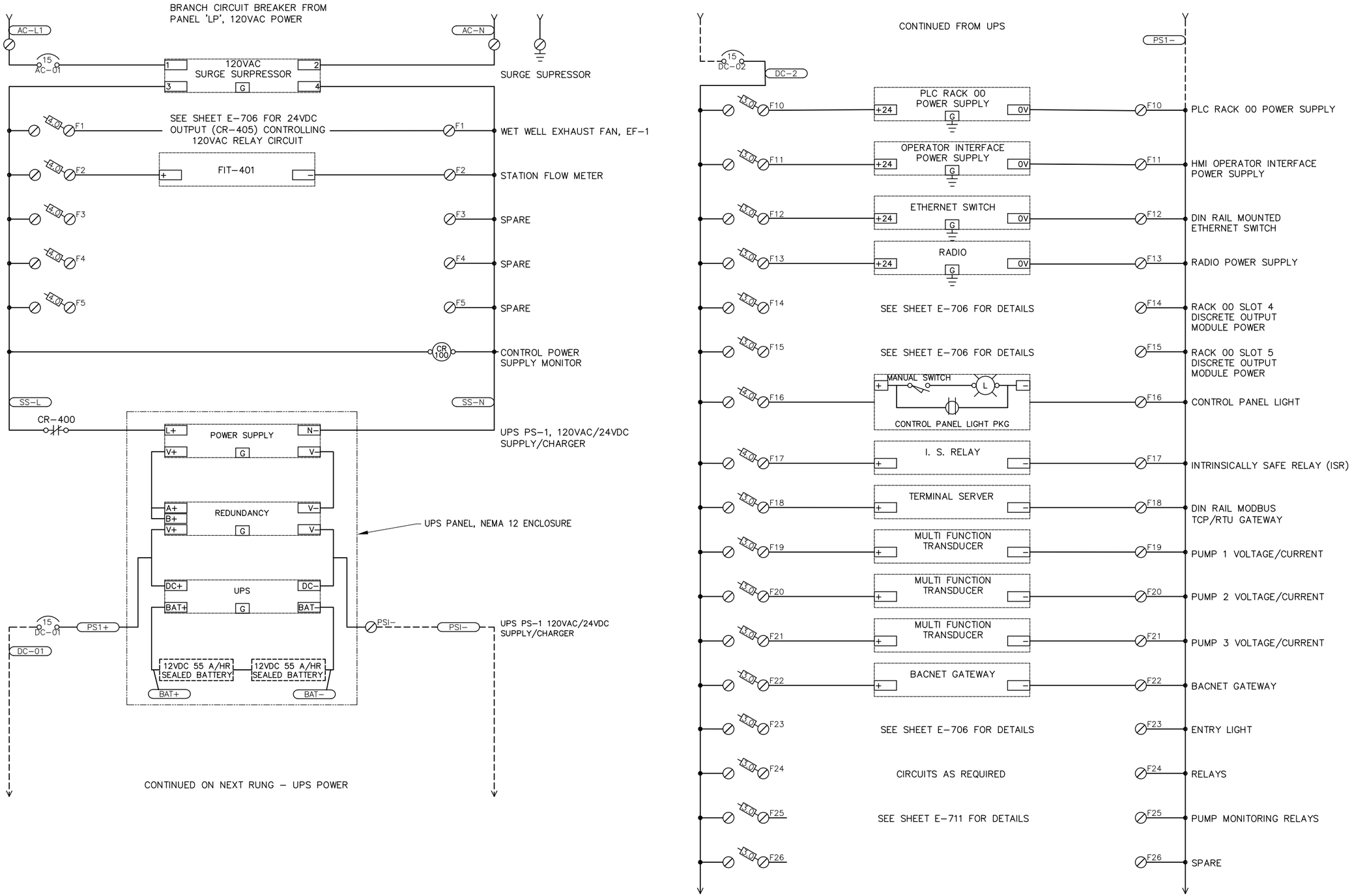

REVISIONS

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STATE OF ALASKA 49TH
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BETHEL QFC-2 LIFT STATION UPGRADE
CITY BETHEL, ALASKA

PLC RACK VIEW

PROJECT -
DATE MAY 2024

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SHEET
E-703

BID DOCUMENTS

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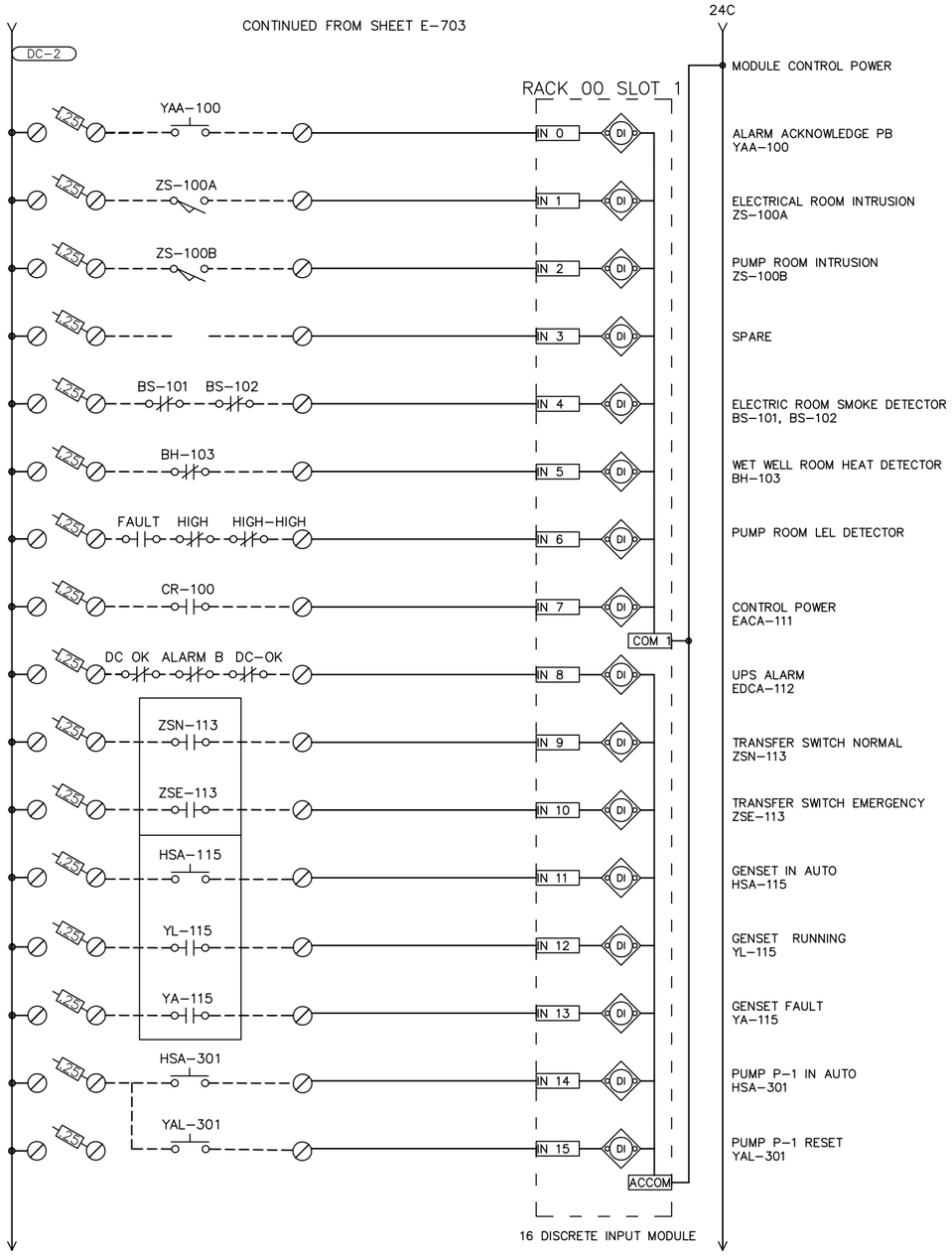

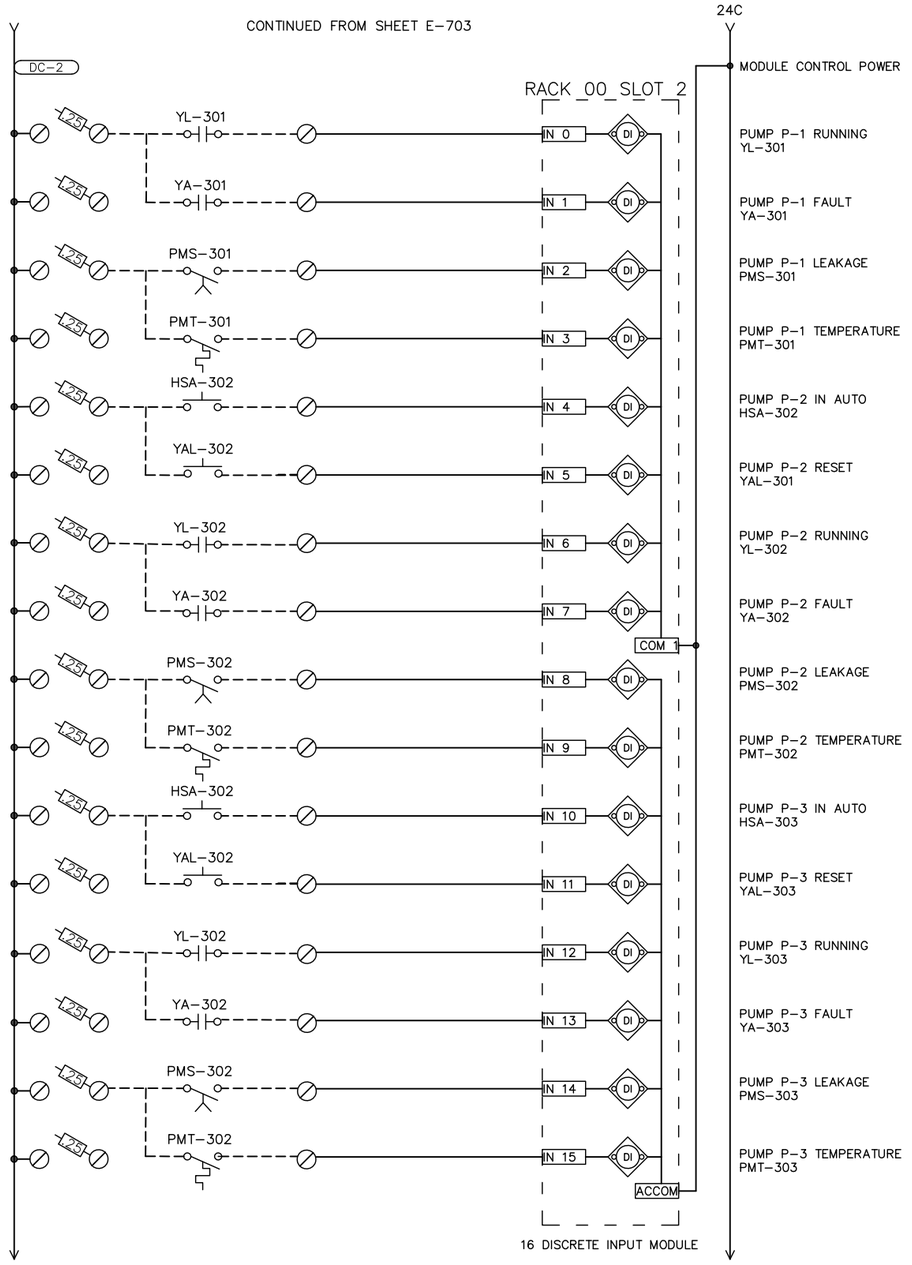

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REVISIONS

REV	DATE	DESCRIPTION	BY

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ALASKA BUSINESS LIC. NO. 1435705

BETHEL QFC-2 LIFT STATION UPGRADE
CITY BETHEL, ALASKA

PLC DISCRETE INPUTS

PROJECT –
DATE MAY 2024

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SHEET
E-704

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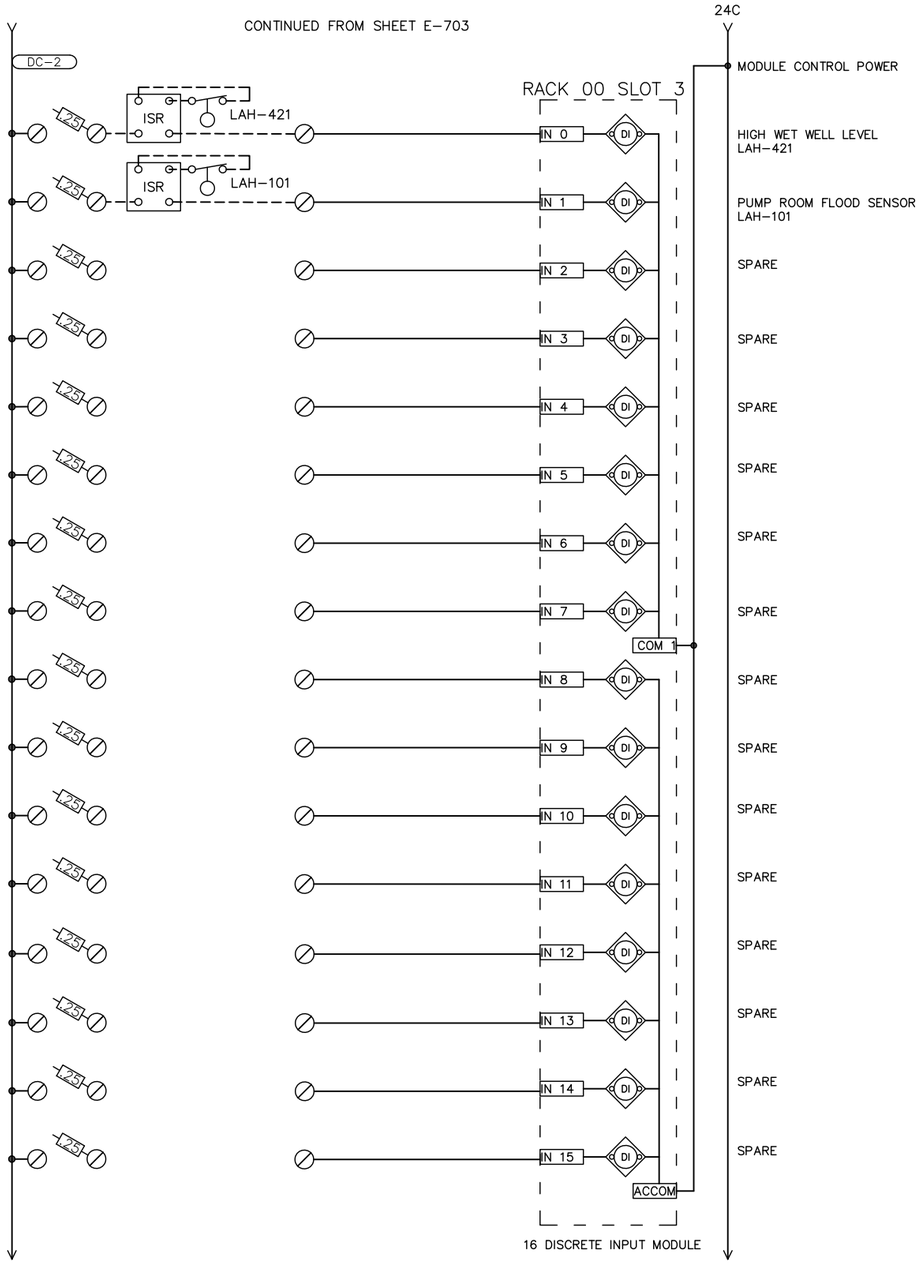

REVISIONS

REV	DATE	DESCRIPTION	BY

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BETHEL QFC-2 LIFT STATION UPGRADE
CITY BETHEL, ALASKA

PLC DISCRETE INPUTS

PROJECT –
DATE MAY 2024

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SHEET
E-705

BID DOCUMENTS

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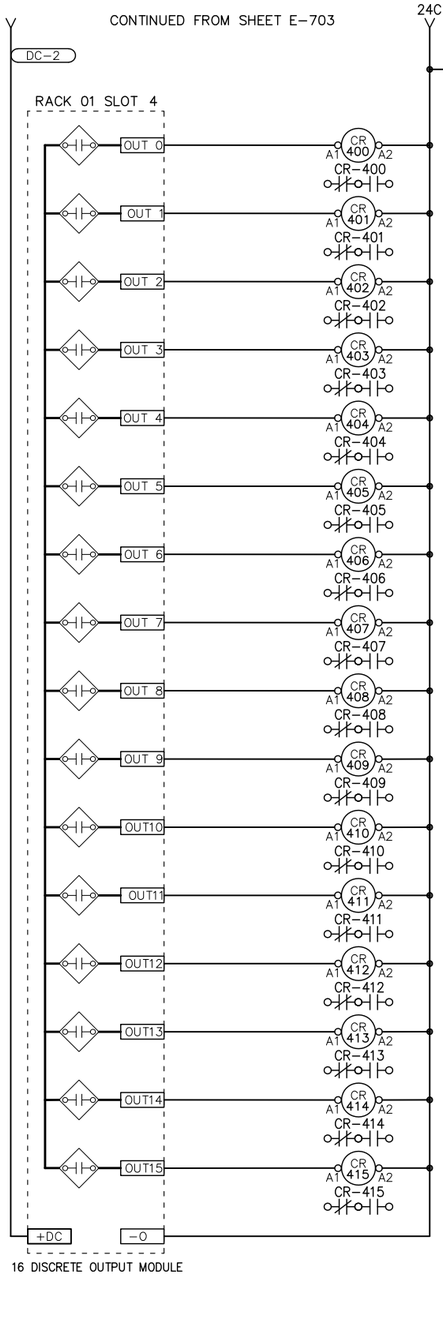

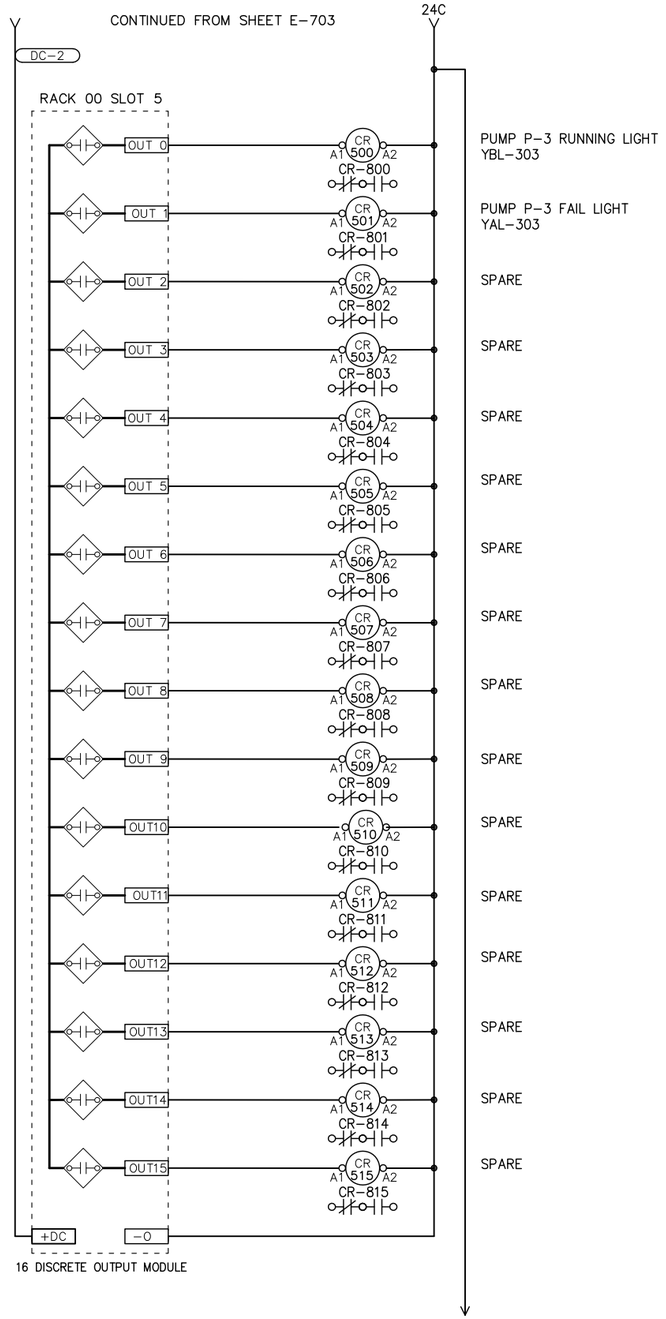

REVISIONS			
REV	DATE	DESCRIPTION	BY

STATE OF ALASKA
49TH
John A. Pepe
EE 11387
REGISTERED PROFESSIONAL ENGINEER
6/7/24

BETHEL
ALASKA

EDC, INC.
ENGINEERING
1400 W. BENSON BLVD. STE. 100
ANCHORAGE, AK 00503
(907) 276-7933
LICENSE NO. AECC705

BETHEL QFC-2 LIFT STATION UPGRADE
CITY BETHEL, ALASKA

PLC DISCRETE OUTPUTS

PROJECT –
DATE MAY 2024

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SHEET
E-706

BID DOCUMENTS

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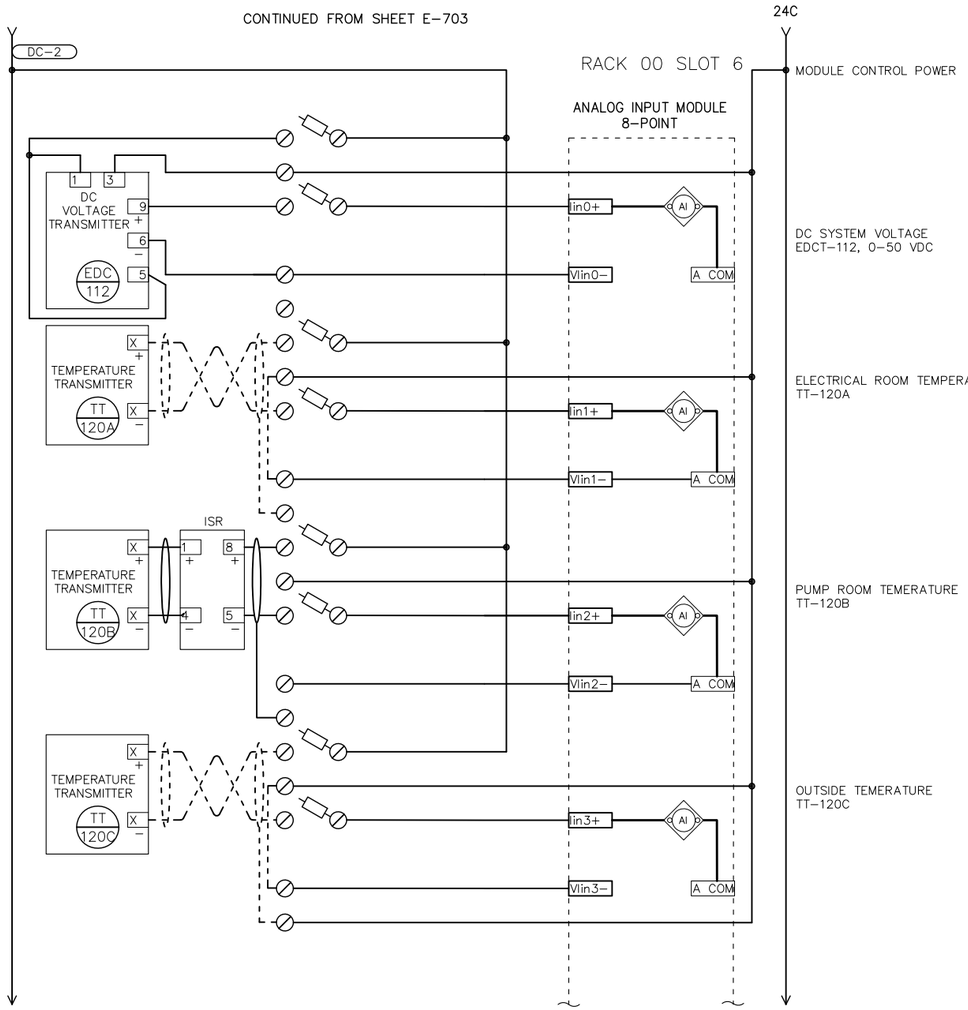

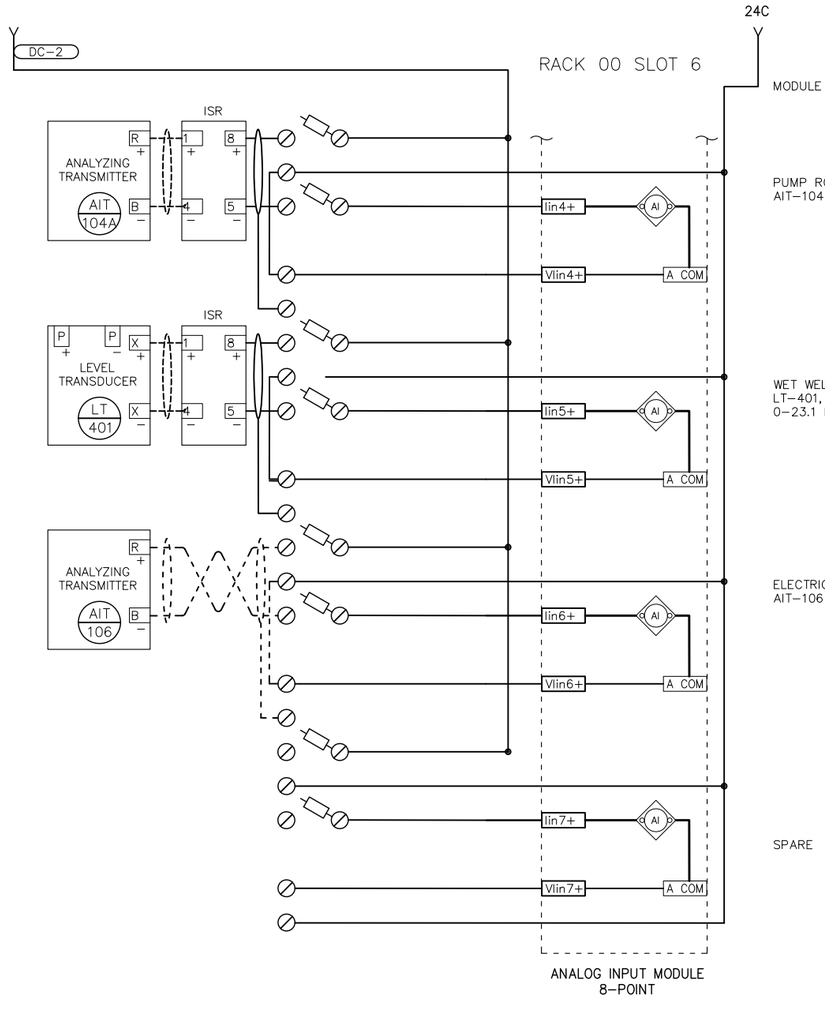

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STATE OF ALASKA 49TH
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BETHEL

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COMPANY CODE NO. AECC705

BETHEL QFC-2 LIFT STATION UPGRADE
CITY BETHEL, ALASKA

PLC ANALOG INPUTS

PROJECT –
DATE MAY 2024

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SHEET
E-707

BID DOCUMENTS

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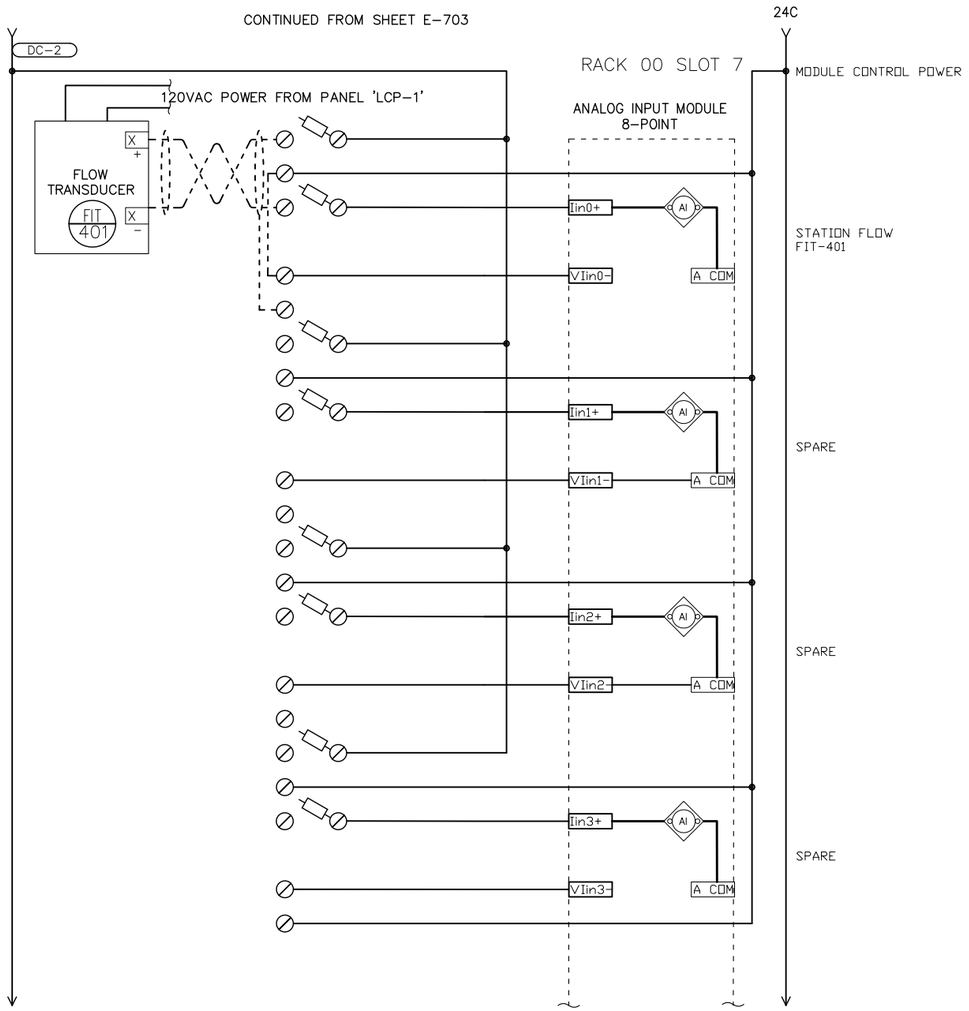

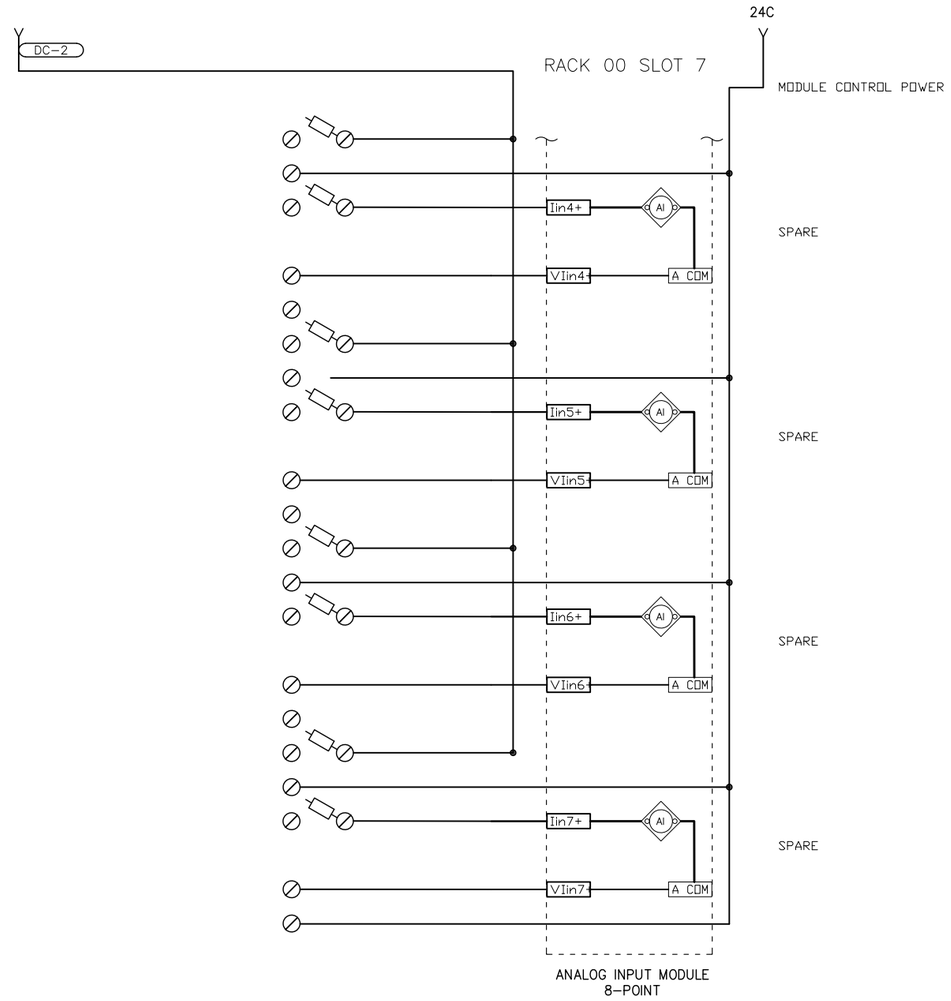

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STATE OF ALASKA 49TH
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BETHEL ALASKA

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STATE OF ALASKA LICENSE NO. AECC705

BETHEL QFC-2 LIFT STATION UPGRADE
CITY BETHEL, ALASKA

PLC ANALOG INPUTS

PROJECT –
DATE MAY 2024

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SHEET
E-708

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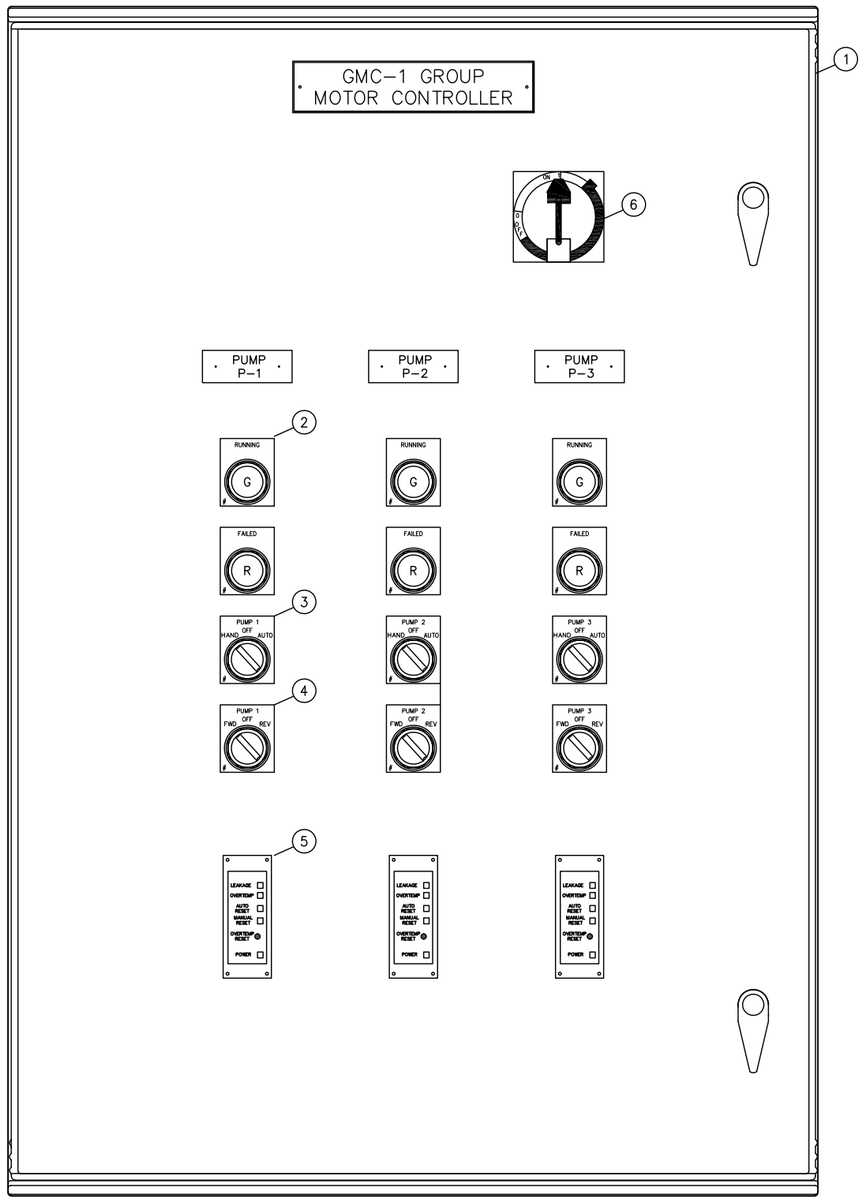
P:\Projects\DOWL\Bethel QFC-2 Lift Station\Dwgs\Elec\E-708 PLC ANALOG INPUTS.dwg PLOT DATE 2024-6-7 12:50 SAVED DATE 2024-05-01 08:37

FRONT PANEL VIEW



MOTOR CONTROLLER FUNCTIONAL DESCRIPTION

SEWER LIFT PUMP PANEL FEATURES:

1. THE PANEL CONTAINS MOTOR STARTERS AND OVERLOAD RELAYS FOR THE SUBMERSIBLE SEWER LIFT (P-1, P-2, P-3) PUMPS. EACH PUMP HAS A H-O-A NAD FORWARD/REVERSE SWITCH; 'RUNNING' AND 'FAILED' PILOT LIGHTS, OVERLOAD, WINDING OVER-TEMPERATURE AND SEAL-FAIL RELAYS.

THE PANEL HAS THE FOLLOWING OPERATING MODES:

- HAND – IN HAND MODE THE PUMP WILL RUN CONTINUOUSLY UNLESS AN OVERLOAD, OVER-TEMPERATURE OR VOLTAGE MONITOR FAULT OCCURS. A PUMP SEAL-FAIL CONDITION WILL CREATE AN ALARM, BUT THE PUMP WILL REMAIN RUNNING.
- OFF – IN THE OFF MODE THE PUMP WILL BE DISABLED.
- AUTO – IN THE AUTO MODE THE NORMAL PUMPING OPERATION WILL BE IN A LEAD/LAG/STANDBY CONFIGURATION WITH EACH PUMP SELECTOR SWITCHES IN 'AUTO' AND THE CONTROL SET TO AUTO-ALTERNATE THE PUMPS FOLLOWING EACH PUMPING CYCLE. WHEN A PUMP IS CALLED TO RUN, IT WILL RUN UNLESS AN OVERLOAD, OVER-TEMPERATURE OR VOLTAGE MONITOR FAULT OCCURS. A SEAL FAIL CONDITION WILL CREATE AN ALARM, BUT WILL NOT SHUT DOWN THE PUMP.

  THE LEAD PUMP IS ENERGIZED WHEN WASTEWATER IN THE WET WELL RISES TO AN ELEVATION ABOVE THE 'CALL FOR LEAD PUMP' LEVEL. IF THE WASTERWATER LEVEL IS REDUCED TO THE 'LOW LEVEL' SETPOINT, THE PUMP WILL SHUT OFF AND THE CONTROLLER WILL AUTO-ALTERNATIVE IN PREPARATION FOR THE NEXT PUMP CYCLE.

  IF THE LEAD PUMP DOES NOT ENERGIZE OR IF THE WASTEWATER RISES IN THE WET WELL FASTER THAN THE LEAD PUMP CAN REMOVE IT, THE LAG PUMP IS ENERGIZED WHEN THE WASTEWATER RISES ABOVE THE ELEVATION OF THE 'CALL FOR LAG PUMP' SETPOINT. IF THE WASTERWATER LEVEL IS REDUCED TO THE 'LOW LEVEL' SET POINT, BOTH PUMPS WILL SHUT OFF AND THE CONTROLLER WILL AUTO-ALTERNATIVE IN PREPARATION FOR THE NEXT PUMP CYCLE.

  IF THE LAG PUMP FAILS TO ENERGIZE AND THE WASTEWATER LEVEL CONTINUES TO RISE, THE STANDBY PUMP WILL BE ENERGIZED. AN ALARM SIGNAL WILL BE GENERATED TO NOTIFY MAINTENANCE PERSONNEL OF THE PUMP FAILURES.

  IF THE STANDBY PUMP OPERATION FAILS TO STOP THE WASTEWATER LEVEL RISE, A 'CRITICAL HIGH LEVEL' ALARM IS ACTIVATED. THIS ALARM WILL SEND A 'CRITICAL HIGH LEVEL' ALARM SIGNAL TO MAINTENANCE PERSONNEL AND ENERGIZE THE EXTERNAL VISUAL ALARM IS ENERGIZED WHEN THE INFLUENT REACHES A LEVEL ABOVE THE 'CRITICAL HIGH LEVEL' SETPOINT. THE INTERNAL (PANEL MOUNTED) ALARM LIGHTS WILL REMAIN ON AS LONG AS THE ALARM CONDITION EXISTS. ONCE SILENCED, THE EXTERNAL ALARMS WILL RESPOND TO SUBSEQUENT ALARMS EVEN IF EXISTING ALARMS ARE STILL ACTIVE.

  ALL PUMPS ARE DE-ENERGIZED WHEN WASTEWATER IN THE WET WELL FALLS BELOW THE ELEVATION OF THE 'PUMPS OFF' SETPOINT. IF THE LEVEL IN THE WET WELL CONTINUES TO FALL BELOW THE ELEVATION OF THE 'LOW LEVEL' SETPOINT, THE 'LOW LEVEL' ALARM IS ACTIVATED AND AN ALARM IS SENT THE CONTROL PANEL 'LCP-1'.

- FORWARD/REVERSE PUMP OPERATION – EACH PUMP SHALL BE BE CAPABLE OF FORWARD OR REVERSING ROTATION OPERATION VIA A POSITION SWITCH. THIS WILL ALLOW FOR UNCLOGGING OF IMPELLER DEBRIS DURING MAINTENANCE.

COMPONENT SCHEDULES

ITEMS	PROVIDE MATERIALS SPECIFIED (EQUAL SUBSTITUTIONS ALLOWED)
1	NEMA 4X ENCLOSURE WITH REMOVABLE STEEL BACK PANEL, INNER DEAD-FRONT HINGED DOOR AND OUTER DOOR. SIZE AS REQUIRED. HOFFMAN.
2	PILOT LIGHT, PUSH TO TEST, 120V, LED, NEMA 4X, ALLEN BRADLEY CAT #800HC-QRTH10*, WHERE * = LENS TINT AS SHOWN, TYPICAL.
3	HAND-OF-AUTO 3-POSITION SELECTOR SWITCH, 120V, NEMA 4X, ALLEN BRADLEY. PROVIDE CAM AND CONTACT BLOCKS AS REQUIRED.
4	FORWARD-OFF-REV 3-POSITION SELECTOR SWITCH, 120V, NEMA 4X, ALLEN BRADLEY. PROVIDE CAM AND CONTACT BLOCKS AS REQUIRED.
5	PUMP MONITOR RELAY. MPE PMR2.
6	DOOR MOUNTED DISCONNECT SWITCH, 600V, 100A, 2-POLE OR 3-POLE WITH PADLOCK PROVISION, ALLEN BRADLEY.

BID DOCUMENTS

REVISIONS

REV	DATE	DESCRIPTION	BY

STATE OF ALASKA 49TH
John A. Pepe
EE 11387
REGISTERED PROFESSIONAL ENGINEER
6/7/24

BETHEL

EDC, INC.
3505 ARCTIC BLVD. STE. 100
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(907) 276-7933
LICENSE NO: AECC705

BETHEL QFC-2 LIFT STATION UPGRADE
CITY BETHEL, ALASKA

MOTOR STARTER PANEL GMC-1 LAYOUT

PROJECT –
DATE MAY 2024

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SHEET
E-709

P:\Projects\DOWL\Bethel QFC-2 Lift Station\Dwgs\Elec\E-709 MOTOR STARTER PANEL GMC-1 LAYOUT.dwg PLOT DATE 2024-6-7 12:50 SAVED DATE 2024-05-01 14:36

GMC-1 GROUP MOTOR CONTROLLER

FIELD WIRING

PANEL 'GMC-1' BUS
277/480VAC
POWER FROM PANEL 'PP'

L1 L2 L3

VOLTAGE MONITORING RELAY 480VAC
L1
L2
L3

MCP CIRCUIT BREAKER

CONTROL TRANSFORMER 480/120VAC
H1 H4
X1 X4

SEE TYP. CONTROLS ON E-711

CURRENT TRANSFORMER (3)
C.T. 1-1
C.T. 1-2
C.T. 1-3
N
L1
L2
L3
C.T. 1

REVERSING CONTACTORS
FC1
FC1
FC1
MECHANICAL INTERLOCK, TYP.
RC1
RC1
RC1

MOTOR STARTER
MS1 O/L
MS1 O/L
MS1 O/L

5HP MOTOR

LIFT PUMP P-1

MCP CIRCUIT BREAKER

CONTROL TRANSFORMER 480/120VAC
H1 H4
X1 X4

SEE TYP. CONTROLS ON E-711

CURRENT TRANSFORMER (3)
C.T. 2-1
C.T. 2-2
C.T. 2-3
N
L1
L2
L3
C.T. 2

REVERSING CONTACTORS
FC2
FC2
FC2
RC2
RC2
RC2

MOTOR STARTER
MS2 O/L
MS2 O/L
MS2 O/L

5HP MOTOR

LIFT PUMP P-2

MCP CIRCUIT BREAKER

CONTROL TRANSFORMER 480/120VAC
H1 H4
X1 X4

SEE TYP. CONTROLS ON E-711

CURRENT TRANSFORMER (3)
C.T. 3-1
C.T. 3-2
C.T. 3-3
N
L1
L2
L3
C.T. 3

REVERSING CONTACTORS
FC3
FC3
FC3
RC3
RC3
RC3

MOTOR STARTER
MS3 O/L
MS3 O/L
MS3 O/L

5HP MOTOR

LIFT PUMP P-3

L1 L2 L3

BID DOCUMENTS

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STATE OF ALASKA
49TH
John A. Pepe
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6/7/24

BETHEL
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CORP. LIC. NO. AECC705

BETHEL QFC-2 LIFT STATION UPGRADE
CITY BETHEL, ALASKA

MOTOR STARTER PANEL GMC-1
SCHEMATIC (1 OF 2)

PROJECT –
DATE MAY 2024

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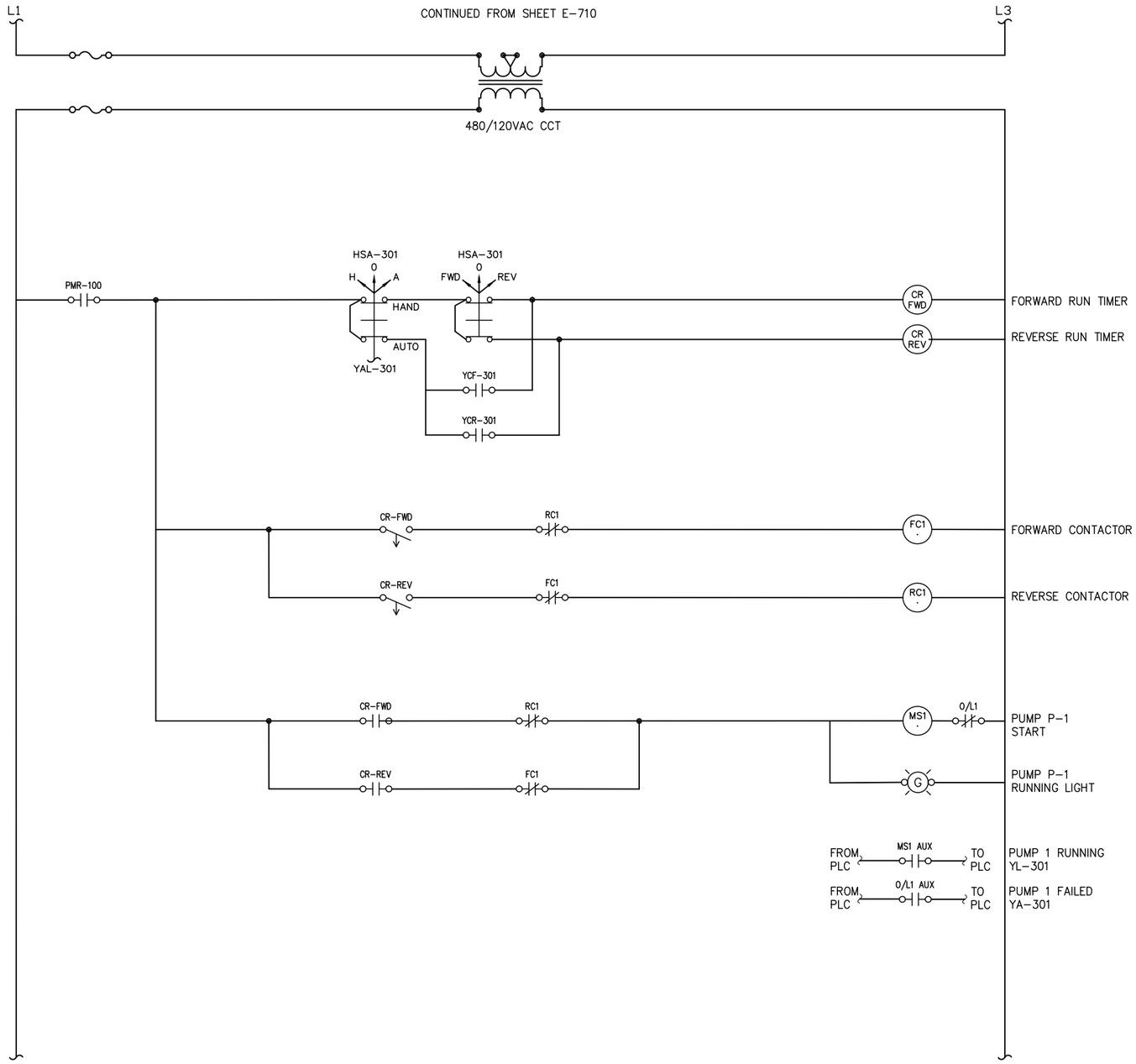
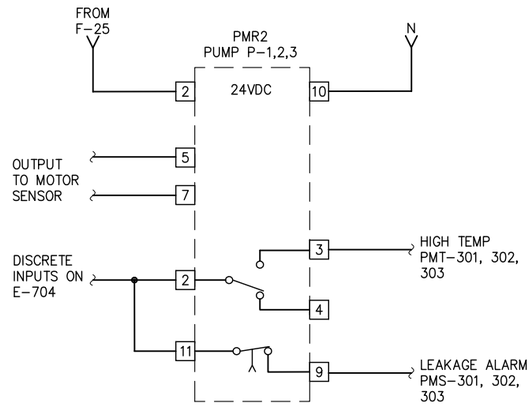
SHEET
E-710

P:\Projects\DOWL\Bethel QFC-2 Lift Station\Dwgs\Elec\E-710 MOTOR STARTER PANEL GMC-1 SCHEMATIC (1 OF 2).dwg PLOT DATE 2024-6-7 12:51 SAVED DATE 2024-05-01 08:37

GMC-1 GROUP MOTOR CONTROLLER, PUMP P-1 MOTOR CONTROL CIRCUIT (TYP. OF 3), P-2 AND P-3





REVISIONS

REV	DATE	DESCRIPTION	BY

STATE OF ALASKA
49TH
John A. Pepe
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6/7/24

BETHEL

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CERTIFICATE NO. AECC705

BETHEL QFC-2 LIFT STATION UPGRADE
CITY BETHEL, ALASKA

MOTOR STARTER PANEL GMC-1
SCHEMATIC (2 OF 2)

PROJECT –
DATE MAY 2024

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SHEET
E-711

BID DOCUMENTS

P:\Projects\DOWL\Bethel QFC-2 Lift Station\Dwgs\Elec\E-711 MOTOR STARTER PANEL GMC-1 SCHEMATIC (2 OF 2).dwg PLOT DATE 2024-6-7 12:51 SAVED DATE 2024-05-01 14:23

CP-3A/3B GLYCOL HT PUMP AND CONTROL

FIELD WIRING

PANEL 'PP'
277/480VAC
POWER

L1 L2 L3 N

20/3

MCP BREAKER

MOTOR STARTER
MS-3A

MS3A O/L
MS3A O/L
MS3A O/L

3HP
MOTOR

(E) CP-3A,
GLYCOL
HT PUMP

SEE TYP. CONTROLS ON
E-713

H1 H4
CONTROL TRANSFORMER
480/120VAC
X1 X4

SEE TYP. CONTROLS ON
E-713

MCP BREAKER

MOTOR STARTER
MS-3B

MS3B O/L
MS3B O/L
MS3B O/L

3HP
MOTOR

(E) CP-3B,
GLYCOL
HT PUMP

SEE TYP. CONTROLS ON
E-713

H1 H4
CONTROL TRANSFORMER
480/120VAC
X1 X4

SEE TYP. CONTROLS ON
E-713

L1 L2 L3

277/480VAC
POWER

BID DOCUMENTS

REVISIONS

REV	DATE	DESCRIPTION	BY

STATE OF ALASKA
49TH
John A. Pepe
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6/7/24

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BETHEL QFC-2 LIFT STATION UPGRADE
CITY BETHEL, ALASKA
GLYCOL HEATING PUMP
CP-3A_CP-3B SCHEMATIC (1 OF 2)

PROJECT –
DATE MAY 2024

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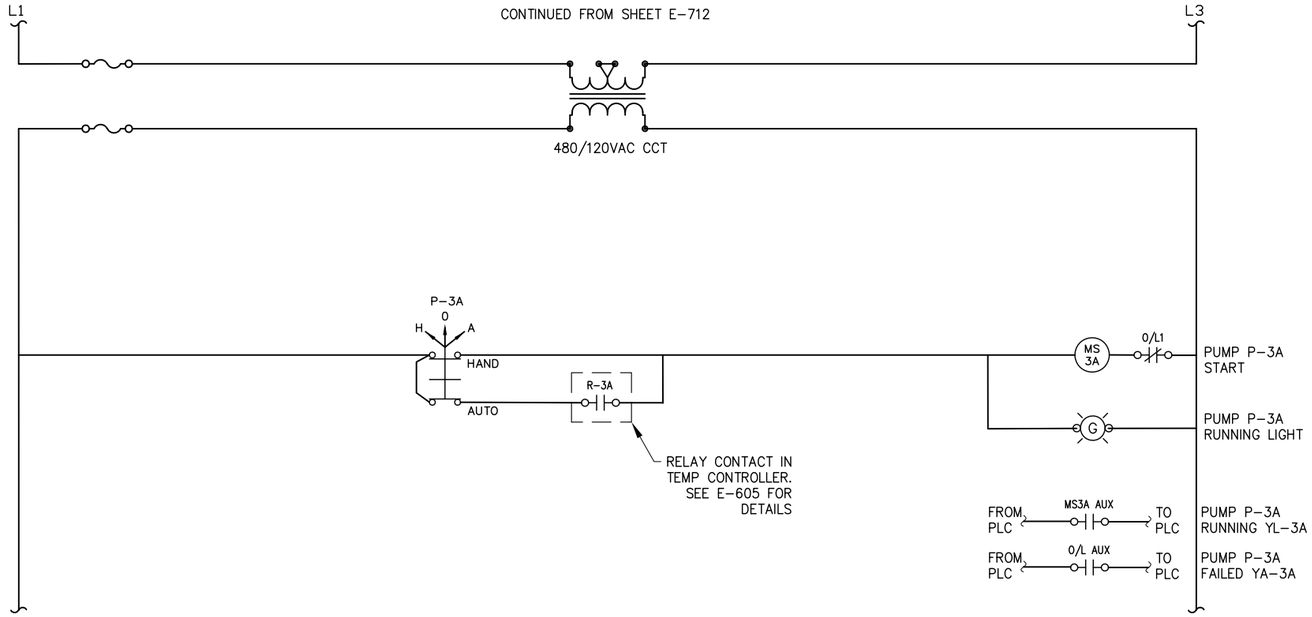
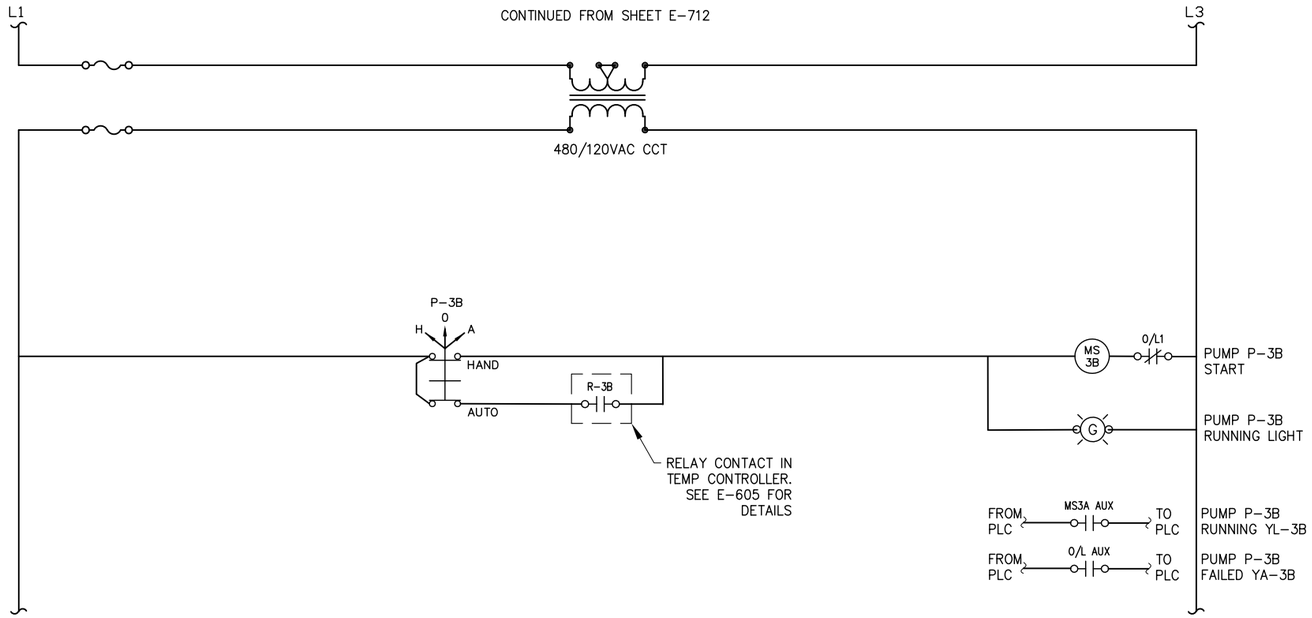
SHEET
E-712

P:\Projects\DOWL\Bethel QFC-2 Lift Station\Dwgs\Elec\E-712 GLYCOL HEATING PUMP CP-3A_CP-3B SCHEMATIC (1 OF 2).dwg PLOT DATE 2024-6-7 12:51 SAVED DATE 2024-05-01 08:37

GLYCOL HEAT TRACE PUMP CP-3A AND CP-3B CONTROLS





BID DOCUMENTS

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REV	DATE	DESCRIPTION	BY

STATE OF ALASKA
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BETHEL QFC-2 LIFT STATION UPGRADE
CITY BETHEL, ALASKA
GLYCOL HEATING PUMP
CP-3A_CP-3B SCHEMATIC (2 OF 2)

PROJECT –
DATE MAY 2024

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SHEET
E-713

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BUILDING BOILER CONTROL PUMPS, CP-1A/B, CP-2A/B

FIELD WIRING

PANEL 'LP'
120/208VAC
POWER
L1 N
20/1

BCP-1 BOILER CONTROLLER, SEE SHEET E-605 FOR DETAILS

CR-1A → 1/2HP MOTOR → (E) BOILER CIRC LOOP PUMP CP-1A

CR-1B → 1/2HP MOTOR → (E) BOILER CIRC LOOP PUMP CP-1B

PANEL 'LP'
120/208VAC
POWER
L1 N
20/1

CR-2A → 1/12HP MOTOR → (E) UNIT HEATER CIRC LOOP PUMP CP-2A

CR-2B → 1/12HP MOTOR → (E) UNIT HEATER CIRC LOOP PUMP CP-2B

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STATE OF ALASKA 49TH
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STATE OF ALASKA BUSINESS LICENSE NO. 1400705

BETHEL QFC-2 LIFT STATION UPGRADE
CITY BETHEL, ALASKA

BOILER CIRC PUMP SCHEMATIC

PROJECT –
DATE MAY 2024

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SHEET
E-714

P:\Projects\DOWL\Bethel QFC-2 Lift Station\Dwgs\Elec\E-714 BOILER CIRC PUMP SCHEMATIC.dwg PLOT DATE 2024-6-7 12:51 SAVED DATE 2024-05-01 08:38

SECTION 23 05 00 - COMMON WORK RESULTS FOR MECHANICAL

PART 1 -- GENERAL

1.1 Extent Of Coverage

A. The requirements of this Section apply to all Division 22, 23 and referenced Sections from Division 43 including, but not limited to the following systems:
   1. Water utility transmission systems.
   2. Sanitary sewerage utility transmission systems.
   3. Heating utility transmission systems.
   4. Plumbing systems.
   5. Heating systems.
   6. Ventilation systems.
   7. Fuel systems.
   8. Controls systems.

B. All requirements of Division 0 and 1 apply to these Specifications.

1.2 Work Included

A. Furnish all labor, materials, equipment, supervision of labor and performance of all operations required to completely install code compliant and satisfactorily operating mechanical and plumbing systems as defined herein and on Plans.

B. The intent of the Specifications and accompanying Plans is to provide a complete and operational facility with complete systems as shown, specified and required by applicable codes. Include all work specified in the Specifications and shown on the accompanying Plans including controls, fasteners, appurtenances, connections, etc., in the finished job.

C. The Specifications and the accompanying Plans are complementary, and what is called for by one shall be as binding as if called for by both. Items shown on the Plans are not necessarily included in the Specifications and vice versa.

D. Imperative language is frequently used in the Specifications. Except as otherwise specified, requirements expressed imperatively are to be performed by the Contractor.

E. The Plans are diagrammatic and schematic in nature.
   1. The Plans do not show every offset, bend, tee, or elbow which may be required to install work in the space provided and avoid conflicts. Follow the Drawing as closely as is practical to do so and install additional offsets, bends, tees, and elbows where required by local conditions and measurements taken at the Building, subject to approval, and without additional cost to the Owner.

2. The plans do not show all taps, fittings, valves, and dampers required to integrate in a fully functional controls and process systems. Coordinate all work with the controls system and Sequence of Operation as well as process documents and Functional Narrative.
3. Do not scale the mechanical drawings. Locations of equipment are approximate unless specifically dimensioned on the Plans. Equipment and fixtures shall be located to maintain code compliance and manufacturer's recommended installation clearances.
4. The right is reserved to make any reasonable changes in outlet location prior to roughing-in.

F. Notify Owner's Representative in writing immediately of any identified conditions that will impact the timely and successful installation of the systems in accordance with the Plans and Specifications.

1.3 Definitions:

A. Definitions provided within this Section shall be superseded by definitions provided in Division 1.

B. "Provide": Includes the furnishing and installation of all materials, equipment, products, labor, subcontracts, appurtenances, mark-ups, taxes, permits, and any other item which may be required to provide complete operable systems.

C. "Furnish": Purchase and deliver to the job site, materials or labor as shown on the Plans or specified herein.

D. "Install": The installation, setting in place, connection to, bolting down, supporting or any operation to make complete and operable.

E. "Rough In / Connect Only": This means to provide an appropriate system connection such as supplies with stops, continuous wastes with traps, shut-off valves required, and all piping connections, testing, etc.

F. "Accessible": Means arranged so that an appropriately dressed man 6'2" tall weighing 250 pounds, may approach the area in question with tools and products necessary for the work intended, and may then position himself to properly perform the task to be accomplished, without disassembly or damage to the surrounding installation.

G. "Serviceable": means arranged so that the component or product in question may be properly removed, and replaced without disassembly, destruction, or damage to the surrounding installation or piece being serviced.

H. "Streamlining" In many instances, the products, reference standards, and other itemized specifications have been listed without verbiage. In these cases, it is implied that the Contractor shall provide the products and perform according to the references listed.

I. "Demolish": Means the removal of equipment and materials from the project including disposal off-site in compliance with applicable ADEC and other regulations.

1.4 Quality Assurance

A. Regulatory Requirements:

1. General: All work and materials shall conform to all local, State, and Federal codes, utility installation requirements, and other applicable laws and regulations. Verify with local Authority Having Jurisdiction for amendments.
2. All equipment furnished utilizing electrical or electronic products, shall be certified as complying with the most recent list of accredited electrical testing laboratories approved by the State of Alaska. Equipment not complying shall be replaced with certified equipment at no additional labor or materials cost to the Owner.

B. Permits:

1. Contractor shall obtain all required life/safety permits from the Authority Having Jurisdiction which may be State, Borough, and/or local entity.
2. All water and wastewater utility services shall be installed, sterilized, and tested in compliance with Alaska Department of Environmental Conservation regulations.
3. Contractor shall obtain all utility permits. Systems are to be installed in compliance with utility installation guidelines.
    a. Contractor shall obtain and install all meters as required by the local utility.
4. Unless noted under Division 0 and 1, Contractor shall pay for all permits.

C. Materials and equipment shall be new. Work shall be of good quality, free of faults and defects and in conformance with the Contract Documents.

D. Apparatus shall be built and installed to deliver its full rated capacity at the efficiency for which it was designed.

E. The entire plumbing and mechanical system apparatus shall operate at full capacity without objectionable noise.

F. Materials and Equipment:

1. Each piece of equipment furnished shall meet all detailed requirements of the Plans and Specifications and shall be suitable for the installation shown. Notify the Engineer of any shortcomings found during the bid period. Equipment not meeting all requirements will not be acceptable, even though specified by name along with other manufacturers.
2. Where two or more units of the same class of equipment are furnished, use products of the same manufacturer; component parts of the entire system need not be products of the same manufacturer.
3. Provide all materials and equipment, new and free from defects and of the size, make, type and quality herein specified.

G. Substitutions:
1. Substitutions in materials and equipment shall follow the requirements of Division 1.
2. The Contractor shall ensure that all substitutions have equal or better performance and will fit within the available space. The Contractor shall bear the full costs associated with a substitution including the costs of other trades, additional equipment and materials required for an acceptable installation, as well as any project delays that the substitution may generate.

H. Workmanship:
1. General: All materials shall be installed in a neat and workmanlike manner.
2. Only craftsman skilled in their trade shall be employed.
3. Manufacturer's Instructions: Follow manufacturer's recommendations where they cover points not specifically indicated. If they are in conflict with the Plans and Specifications, obtain clarification from the Owner’s Representative before starting work.

I. Cutting and Patching:
1. Cutting, patching, and repairing for the proper installation and completion of the work specified in this Division, including plastering, masonry work, concrete work, carpentry work, and painting, shall be performed by skilled craftsmen of each respective trade in conformance with the appropriate Division of Work.
2. Fill holes which are cut oversize so that a tight fit is obtained around the objects passing through.

1.5 Coordination:

A. Coordinate work with all trades to avoid conflicts, errors or delays.

B. Coordinate all wall and floor penetrations/openings, supports, and component interfaces with the module fabrication team.
1. Module fabrication is not to proceed until details and shop drawings showing these points of collaboration have been submitted and reviewed by the design team.

C. Coordinate the location and access for all operable and maintainable items.

D. The work is inclusive of all Specifications and Plans. Fully review all contract documents and provide all plumbing and mechanical related work noted in all parts of the documents.

1.6 Scheduling

A. Contractor shall schedule all work, including but not limited to the ordering of materials, demolition, installation, testing, balancing, and inspections to ensure a timely delivery of the project in accordance with the contract.

B. Contractor shall schedule their work with all trades in advance to optimize system routing and reduce installation time.

C. Contractor shall schedule and coordinate all interruptions of utilities or mechanical system operation in writing with the Owner's Representative at least one week in advance or as directed under Division 1.

D. Coordinate commissioning and close-out testing activities with the Owner's Representative, design team, Commissioning Agent and all trades involved in the process. Coordinate timing of all commissioning activities into the master construction schedule.

1.7 Project Conditions

A. Contractor shall field measure and verify dimensions prior to the fabrication and ordering of equipment.

B. Contractor shall verify access routes for equipment and materials to be removed and installed without impacting finishes or the dismantling of equipment unless specifically noted in the Specifications and Plans.

C. Immediately notify the Owner's Representative if any major damage, defect or deterioration of existing equipment, systems, or structural members is found on items noted to remain that will impact the successful installation and operation of new systems or create an unsafe environment.

1.8 Qualifications

A. Manufacturers: All equipment and materials shall be provided from a manufacturer who has been in business for a minimum of three years and provides ready access to replacement parts.

B. Installers: Contractor, subcontractors, and their supervisors shall have a minimum of three documented years of experience installing systems similar in type and size.

1.9 Submittals

A. Provide submittals in accordance with the requirements of each Specification Section and Division 1.

B. Submission Requirements:

1. Provide submittals for engineer's review electronically, in PDF format. Provide separate files for each Specification Section.
    a. Provide Bookmarks for each piece of equipment and/or system.

2. The bulk of the shop drawings and product data, except controls and instrumentation, shall be included with the original submittal. Controls and Instrumentation submittals may be submitted separately, but shall be complete when submitted. Partial submittals will not be accepted.
3. All resubmittals shall include a cover sheet referencing each review comment and how the resubmittal resolves the comment. Changes from the original submittal shall be clearly identified including items that were previously approved.
4. Assure that all deviations from Plans and Specifications are specifically and clearly identified and called to the attention of the Engineer in the submittals. Failure to comply will void review automatically.

C. Product Data:
1. In general, submit product data for all materials, equipment, and appurtenances required for a complete and operational system. Include manufacturer's detailed shop drawings, specifications, performance information, and data sheets.
2. Clearly identify the model number and all accessories being provided. If the equipment is scheduled in the Plans, clearly show the equipment Tag/Identifier on the first page of that piece of equipment’s submittal information.
3. Cross out accessories and options that are not being provided.
4. Indicate equipment dimensions and operating weights including bases and weight distribution at support points.
5. Identify equipment horsepower/watts/amperage, voltage, hertz, phase, and service factor.
6. For commodity items such as piping and ductwork, unless specifically noted otherwise within the specification, a general statement of what materials and joining methods may be provided for each type of system. For example, “Hydronic Heating Piping: Type L Copper, lead-free solder joints.”

D. Shop Drawings:
1. Submit large scale dimensioned shop drawings of any custom equipment or system components.
    a. Provide shop drawings for all products, systems, system components, and special supports which are not a standard catalog product and which may be fabricated for the Contractor or by the Contractor.
    b. Items to include, but not limited to:
    1). Ventilation hoods.
    2). Anti-vortex assemblies.
2. Include shop drawings of plumbing systems integrated into the module construction. Shop drawing is to note not only how the plumbing device is being installed but also the construction and fastening/sealing system of the adjacent module system. Shop drawing submittal shall include, but not limited to, the following items:
    a. Floor drains.
    b. Emergency Shower drain receiver including grating system.
3. Do not proceed with fabrication of materials until Shop Drawings have been submitted and approved.

E. Coordination Drawings
1. Prepare and submit Shop Drawings to demonstrate coordination of trades in the proper planning and installation and arrangement of all work as well as permanent access to equipment and maintainable items.
2. Submit large scale dimensioned shop drawings of the following areas in the project:
    a. All mechanical and plumbing systems.
3. Coordination Drawings shall include the following systems overlaid in the same drawing:
    a. Plumbing Systems
    b. Water Treatment Systems
    c. Heating Systems
    d. Ventilation Systems
    e. Control System major special components such as panels.
    f. Electrical Systems as follows:
        1) Lights
        2) Panels, transfer switches, transformers
        3) Disconnects, motor starters, VFDs
        4) Conduits 3 inches and larger
        5) Cable trays
        6) Busways
        7) Power generation equipment
4. Do not proceed with installation or fabrication of materials until Coordination Drawings have been submitted and approved.

F. Commissioning:
1. Coordinate additional submittal and start-up documentation with Commissioning specification sections.

1.10 Closeout Submittals

A. Provide closeout submittals in accordance with the requirements of each Specification Section and Division 1.

B. Operation and Maintenance Manual
1. Provide requirements noted under each Specification Section and in Division 1
2. The manuals shall be organized the same as under the Submittals section above.
3. Provide the Owner’s Representative hard and electronic copies per Division 1.
4. Provide an index noting that the beginning of the manual noting each specification section and what materials/pieces of equipment are provided therein.

a. For electronic copies, provide Bookmarks for each piece of equipment and/or major system.

5. Provide a cover sheet for each piece of equipment that includes the following information:
   a. General Contractor's name, address, and phone number.
   b. Installing Contractor's name, address, and phone number.
   c. Manufacturer's warranty contact information.
   d. Nearest source of spare parts including company's name, address, and phone number.
6. Submit information on materials/equipment that will require regular maintenance. Items such as lavatory bowls need not be resubmitted. For each included item, provide the following:
   a. Information noted under Submittals section above. Update information based on final installation.
   b. Manufacturer's Operation and Maintenance manuals.
   c. Exploded views of equipment.
   d. Replacement parts list.
   e. Capacity curves and charts.
   f. Wiring diagrams.
   g. Assembly piping diagrams noting valves and system appurtenances.
   h. Warranty information.
7. Maintenance Schedules: For each piece of equipment or system that requires regular maintenance, provide a chart that includes the following:
   a. Unique equipment identifier.
   b. Maintenance activity as recommended by the manufacturer.
   c. Time interval associated with each activity (annually, monthly, weekly, etc.).
   d. Boxes for service providers to initial when scheduled service is completed.
8. Startup and Shutdown Narratives: For each system and major piece of equipment, provide a written narrative on how to startup and shutdown the system.
   a. Organize the narrative in a bulleted, checklist type format.
   b. Identify specific valve numbers or equipment tags used in the process.
   c. Include system schematics, screen shots, and/or photographs as required to convey information and processes.

C. Record Drawings

1. In addition to other requirements, mark up a clean set of Drawings as the work progresses, to show the dimensioned location and routing of all mechanical work which will become permanently concealed. Show routing and location of items cast in concrete or buried underground. Show routing of work in permanently concealed blind spaces within the building. Work located in spaces with access,

or above suspended ceilings, is not considered permanently concealed. Show complete routing and sizing of any significant revisions to the systems shown.

2. Make all markups in a color other than black, preferably red, to highlight the change.
3. Show all contract changes including field directives and additional information provided by the design team during construction.
4. Show the location of all valves.
5. At completion of the project, deliver these drawings to the Owner's Representative and obtain written receipt.

D. Provide the following items printed with non-fading ink and either framed with plexiglass or laminated and hung in the mechanical room:
1. Valve directory that includes service and normal operating position.
2. Water treatment system and distribution schematic along with Functional Narrative
3. Domestic water system schematic along with sequence of operation.
4. Heating system schematic along with sequence of operation.
5. Fuel system schematic along with sequence of operation.
6. Ventilation system schematic along with sequence of operation.
7. Additional maintenance instructions as noted within the specification section.

E. Commissioning:
1. Coordinate additional close-out testing and documentation with Commissioning specification sections.

1.11 Electrical Work

A. Reference the electrical Specifications and Plans for additional requirements.

B. All electrical work, equipment, wiring, devices, and components shall comply with the requirements of local and national electrical codes and with Division 24, 25, 26, 27, and 28.

C. Contractor shall verify the voltage and phase that will be available for the project. Bring to the immediate attention of the Engineer if the provided voltage and phase is different from that which is noted on the Plans or Specifications for equipment.

D. Unless otherwise indicated on the electrical Plans or Specifications, provide all mechanical equipment motors, thermal overload switches, control relays, time clocks, thermostats, valve operators, float controls, damper motors, electric-pneumatic and pneumatic-electric switches, electrical components, wiring, and any other miscellaneous controls for equipment specified under Division 22 and 23.

E. All electrical equipment, devices, and components that are tested by Underwriters Laboratories, Inc. shall be UL listed and shall bear a UL label.

F. Starters and Disconnects: Suitable for performing the control functions required, with the exception of self-contained equipment and where the starters and/or disconnects are provided or furnished as part of the control package.

G. Equipment Wiring: Interconnecting wiring within a piece of mechanical equipment shall be provided with the equipment unless required otherwise. This does not include the wiring of motors, starters, and controllers as provided under electrical Specifications.

H. Control Wiring: All wiring for mechanical equipment shall be provided under this section.

I. Mounting and Wiring:
1. All 120 volt and higher wiring shall be installed by a licensed electrician.
2. Coordinate between the mechanical and electrical trades the installation of equipment electrical appurtenances such as starters, disconnects, VFDs, time clocks, controllers, line voltage thermostats and similar items.
3. Coordinate the installation and wiring of fire life-safety devices that impact the mechanical equipment such as duct smoke detectors, smoke dampers, smoke evacuation systems and equipment operation that is based on a signal from the fire alarm panel.

1.12 Use Of Mechanical Systems During Construction

A. The Contractor shall request in writing to the Owner’s Representative for the use of any plumbing or mechanical system during construction that is not limited to startup, testing or balancing.

B. The use of equipment and systems during construction shall not alter the Warranty requirements of this Section and Division 1. The Contractor shall provide extended warranties as required to fulfill the requirements of the contract.

C. Contractor shall pay for all utilities and fuel associated with the operation of the systems unless specifically noted otherwise under Division 1 or in writing from the Owner.

1.13 Delivery, Storage, And Handling

A. Reference Division 1 for additional requirements.

B. Ordering: Comply with manufacturer's ordering instructions and lead-time requirements to avoid construction delays.

C. Delivery: Deliver materials free of defect in manufacturer's original, unopened, undamaged containers with identification labels intact.

D. Storage: Provide adequate storage at the job site for timely access to materials.
1. Provide heated storage for products such as mastics, caulking, and some electronic processors to maintain manufacturer’s recommended minimum storage temperature.
2. Store materials to protect from corrosion or warping.

E. Protection: Protect materials from damage during construction.

F. Piping, ductwork, and equipment shall have open ends capped or sealed during storage and installation.

G. Module Delivery
1. All equipment and materials are to be secured for shipment to final destination.
2. Durably seal all openings into piping, ductwork, and modules for shipment.
3. Remove and safely store exterior components such as ventilation hoods and boiler flues for travel.
4. Reinstall all components once modules are installed. Provide new gaskets as required for tight, no-leakage installation.

1.14 Spare Parts And tools

A. Provide spare parts and tools as noted within each Section and within Division 1.

1.15 INSPECTIONS

A. Reference Division 1 for additional requirements.

B. All work and materials shall be available for inspection by the Owner’s Representative, the Design Team, and the Authority Having Jurisdiction at all times.

1.16 Warranty

A. Warranty information shall be provided to the more stringent requirements of this Section, Division 1 and the specific specification Sections.

B. Provide manufacturers written warranties for material and equipment furnished including parts and labor for a period of one year from the date of Owner acceptance of work.

C. Correct warranty items promptly upon notification.

PART 2 -- PRODUCTS

2.1 Materials And Equipment

A. All materials and equipment shall be new unless specifically noted in the contract documents.

B. Provide materials and equipment from major and reputable manufacturers that have the availability of local service providers and expeditious access to spare parts.

C. Provide all materials that are incidental to the installation of equipment and systems to include, but not limited to fasteners, sealants, mastics, tapes, caulking, gaskets, grout, fluxes and solder, etc.

D. Provide materials from the same manufacturer where possible.

E. All materials shall be free of asbestos and other hazardous materials.

F. All materials in contact with domestic and potable water shall be free of lead and be certified compliant with NSF 61.

2.2 Motors

A. Reference Division 26 for additional requirements.

B. Motors shall be furnished as an integral part of driven equipment.

C. Motors shall be listed and labeled as defined in NFPA 70, Article 100, by a testing agency acceptable to Authorities Having Jurisdiction, and marked for intended use.

D. Motors shall be built to NEMA standards for the service intended.

E. Motors shall be rated for the voltage specified, suitable for operation within the range of 10 percent above to 10 percent below the specified voltage.

F. Service Factor: Motors 1/2 HP and larger to have minimum service factor of 1.15 unless noted otherwise.

G. Duty: Continuous duty at ambient temperature of 105 deg F and at altitude of 3300 feet above sea level.

H. Overload Protection: Motors under 1/2 HP shall have internal overload protection.

I. Provide single speed, 1750 RPM motors unless otherwise noted.

J. Inverter Ready: All motors over 1/2 HP shall be inverter ready.

K. Efficiency: Premium Efficiency.

L. Enclosure: Unless otherwise noted, indoor installations to be Open Drip-Proof (ODP) and outside installations to be Totally Enclosed Fan-Cooled (TEFC). Motors in hazardous (classified) areas shall be rated for the classification.

M. Insulation: Provide motors with minimum Class F insulation.

N. Belt Drive Motors: Furnish drives on belt drive equipment of not less than 150 percent of equipment brake horsepower required for performance specified.

O. Variable Speed Driven Motors:
1. Provide Energy- and Premium Efficient Motors: Minimum Class B temperature rise, Class F insulation.
2. Inverter-Duty Motors: Minimum Class F temperature rise, Class H insulation.
3. Provide integral shaft grounding ring.

PART 3 -- EXECUTION

3.1 Examination

A. Reference Division 1 and 2 for additional requirements.

B. Site Verification of Conditions: Verify that site conditions are acceptable for installation of materials. Do not proceed with installation until unacceptable conditions are corrected.

3.2 Installation

A. Install all materials and equipment in accordance with the manufacturer’s recommendations and local codes.

B. All work shall be installed professionally and to industry best practices.

3.3 Painting

A. Painting shall comply with the requirements of Division 9 Specifications.

B. Paint equipment, piping, and materials as noted in the Plans and within specific Sections.

C. Damage and Touchup: Repair marred and damaged factory-painted finishes with materials and procedures to match original factory finish.

3.4 Erection Of Metal Supports And Anchorage

A. Reference Division 5 for additional requirements.

B. Cut, fit, and place miscellaneous metal supports accurately in location, alignment, and elevation to support and anchor mechanical materials and equipment.

C. Field Welding: Comply with AWS D1.1.

3.5 Motor Installation

A. Remove transportation braces from vibration platforms.

B. Align motors, bases, and shafts.

C. Verify motor operation is free of vibration under all conditions.

D. Verify bearing lubrication prior to operating.

E. Verify proper motor rotation.

F. Verify amperage draw for all phases under design conditions is below nameplate rating.

G. Belt Driven Equipment:
1. Align pulleys and belts.
2. Tension belts according to manufacturer’s recommendations.
3. Verify belt guards are in place.

3.6 Startup

A. Startup shall be provided to the more stringent requirements of this Section, Division 1 and the specific specification Sections.

B. Startup all equipment in accordance with manufacturer’s instructions.

C. Ensure connected systems are clean of debris and ready for system testing.

D. Coordinate electrical and other trades work to complete timely startup of all equipment and systems.

3.7 Training

A. Training shall be provided to the more stringent requirements of this Section, Division 1 and the specific specification Sections.

B. The Contractor shall provide a minimum of 20 hours of instruction on the operation and maintenance of the installed systems and equipment.
   1. Coordinate with the Owner the personnel that are to attend.
   2. Training shall be scheduled for the time(s) that best fits the Owner's personnel's time schedule.

C. The Operation and Maintenance Manual shall be used as a guide during the training.

D. Equipment training shall be provided by a factory trained representative unless otherwise noted.

E. Training shall include a classroom portion and a field portion.
   1. The classroom portion of the training shall include the following:
      a. Overview of the systems and their orientation within the facility.
      b. "Big picture" explanation of the systems as a whole and how they operate.
      c. Specific equipment training including preventative maintenance activities, using the manufacturer's maintenance guide as a reference.
      d. Additional training items appropriate for a classroom environment.
   2. The field portion shall be onsite and shall include the following:
      a. Building walk through identifying the locations of all equipment, isolation valves, control/fire dampers, and other items that will be accessed during the operation of the facility. Reference the Plans during the walk through for orientation.
      b. Step-by-step procedures on how to startup and shutdown the systems and pieces of equipment.
      c. Regular maintenance activities as identified in the Operations Manual's regular Maintenance Schedules.
      d. Point out specific maintenance appurtenances such as grease fittings, valves, and control panel buttons used during maintenance and daily operation activities.
      e. Walk through control panel and sensor user interfaces and explain what each screen is showing as well as how to change system setpoints through the interface.

F. All training shall be digitally video recorded.
   1. Videos shall be converted to cross-platform, open source formats such as MP4 or equal.
   2. Videos shall be separated by equipment and system. File names shall clearly indicate the training contents.
   3. Submit 3 copies of the recorded training to the Owner either via DVD or solid state storage device such as a USB Flash Drive.

G. Certification: A paper survey shall be provided to each trainee immediately after the end of each training session.

1. The survey shall include scoring on if the training was applicable, helpful, and sufficient.
2. All surveys are to be submitted to the Owner's Representative.
3. If a training session was deemed to be not helpful, applicable, or complete, the Contractor shall provide additional training at no additional cost to the Owner.

3.8 Testing

A. Testing is to be completed in accordance with the requirements of Division 1 and the specific specification Sections.

B. Testing is to comply with the minimum requirements of all codes and regulations.

-END OF SECTION-

SECTION 23 05 29 - HANGERS AND SUPPORTS FOR HVAC PIPING AND EQUIPMENT

PART 1 -- GENERAL

1.1 SUMMARY

A. Section Includes:
1. Pipe hangers and supports.
2. Hanger rods.
3. Flashing.
4. Sleeves.
5. Mechanical sleeve seals.
6. Formed steel channel.
7. Firestopping
8. Equipment Bases and Supports:

1.2 SUBMITTALS

A. Shop Drawings: Indicate system layout with location including critical dimensions, sizes, and pipe hanger and support locations and detail of trapeze hangers.

B. Product Data:
1. Hangers and Supports: Manufacturers catalog data including load capacity.

C. Design Data: Indicate load-carrying capacity of trapeze, multiple pipe, and riser support hangers. Indicate calculations used to determine load carrying capacity of trapeze, multiple pipe, and riser support hangers.

D. Manufacturer's Installation Instructions:
1. Hangers and Supports: Special procedures and assembly of components.

E. Manufacturer's Certificate: Products meet or exceed specified requirements.

1.3 QUALITY ASSURANCE

A. Fire-Resistant Joints in Fire-Rated Floor, Roof, and Wall Assemblies: UL 2079 to achieve fire resistant rating as indicated on Drawings for assembly in which joint is installed.

B. Fire-Resistant Joints Between Floor Slabs and Exterior Walls: ASTM E119 with 0.10 inch wg minimum positive pressure differential to achieve fire resistant rating as indicated on Drawings for floor assembly.

C. Surface Burning Characteristics: Maximum 25/450 flame spread/smoke developed index when tested according to ASTM E84.

D. Perform Work according to AWS D1.1 for welding hanger and support attachments to building structure.

E. Passivate stainless steel welds per ASTM A967. Confirm absence of free iron in heat affected zone using ASTM A967, Copper Sulfate Test, Practice C.

F. Manufacturer: Company specializing in manufacturing products specified in this Section with three years' experience.

G. Installer: Company specializing in performing Work of this Section with three years' experience.

1.4 FIELD MEASUREMENTS

A. Verify field measurements prior to fabrication.

PART 2 -- PRODUCTS

1.1 PIPE HANGARS AND SUPPORTS

A. Manufacturers:
1. Carpenter & Paterson, Inc.
2. ERICO International Corporation
3. Unitron Product, Inc. / US-Strut
4. Substitutions: Permitted.

B. Hydronic Piping:
1. Hangers shall be hot-dipped galvanized or stainless steel.
2. Conform to MSS SP69.
3. Hangers for Pipe Sizes 1/2 to 1-1/2 inch: Malleable iron or steel, adjustable swivel, split ring.
4. Hangers for Cold Pipe Sizes 2 inches and Larger: Steel, adjustable, clevis.
5. Hangers for Hot Pipe Sizes 2 to 4 inches: Steel, adjustable, clevis.
6. Hangers for Hot Pipe Sizes 6 inches and Larger: Adjustable steel yoke, cast iron roll, double hanger.

7. Multiple or Trapeze Hangers: Steel channels with welded spacers and hanger rods.
8. Multiple or Trapeze Hangers for Hot Pipe Sizes 6 inches and Larger: Steel channels with welded spacers and hanger rods, cast iron roll.
9. Wall Support for Pipe Sizes 3 inches and Smaller: Cast iron hooks.
10. Wall Support for Pipe Sizes 4 inches and Larger: Welded steel bracket and wrought steel clamp.
11. Wall Support for Hot Pipe Sizes 6 inches and Larger: Welded steel bracket and wrought steel clamp with adjustable steel yoke and cast iron roll.
12. Vertical Support: Steel riser clamp.
13. Floor Support for Cold Pipe: Cast iron adjustable pipe saddle, lock nut, nipple, floor flange, and concrete pier or steel support.
14. Floor Support for Hot Pipe Sizes 4 Inches and Smaller: Cast iron adjustable pipe saddle, lock nut, nipple, floor flange, and concrete pier or steel support.
15. Floor Support for Hot Pipe Sizes 6 inches and Larger: Adjustable cast iron roll and stand, steel screws, and concrete pier or steel support.
16. Copper Pipe Support: Vinyl coated, steel adjustable ring.

1.2 ACCESSORIES

A. Hanger Rods: Stainless steel threaded both ends, threaded on one end, or continuous threaded.

1.3 FLASHING

A. Metal Flashing: 26 gage stainless steel.

B. Metal Counterflashing: 22 gage stainless steel.

C. Lead Flashing:
1. Waterproofing: 5 lb./sq. ft sheet lead.
2. Soundproofing: 1 lb./sq. ft sheet lead.

D. Flexible Flashing: 47 mil thickness sheet butyl; compatible with roofing.

E. Caps: Stainless steel, 22 gage minimum; 16 gage at fire-resistant elements.

1.4 SLEEVES

A. Sleeves for Pipes Through Non-fire Rated Floors: 18 gage galvanized steel.

B. Sleeves for Pipes Through Non-fire Rated Beams, Walls, Footings, and Potentially Wet Floors: Stainless steel pipe.

C. Sleeves for Round Ductwork: Galvanized steel.

D. Sleeves for Rectangular Ductwork: Galvanized steel.

E. Sealant: Acrylic.

1.5 MECHANICAL SLEEVE SEALS

A. Manufacturers:
1. Link-Seal
2. Substitutions: Permitted.

B. Product Description: Modular mechanical type, consisting of interlocking synthetic rubber links shaped to continuously fill annular space between object and sleeve, connected with bolts and pressure plates causing rubber sealing elements to expand when tightened, providing watertight seal and electrical insulation.

1.6 FORMED STEEL CHAIN

A. Product Description: Galvanized or stainless 12 gage thick steel. With holes 1-1/2 inches on center.

1.7 FIRESTOPPING

A. Firestopping Materials: Acrylic based flexible firestop sealant, UL listed and FM approved.

1.8 EQUIPMENT BASES AND SUPPORT

A. All floor or floor stand-mounted equipment shall be set on concrete housekeeping pads. The height of the pads shall be as recommended by the equipment manufacturer, as required to connect to piping or as shown on drawings. The height shall be sufficient to accommodate required anchorage devices.

B. The pads shall extend 3 inches beyond the machine base in all directions unless otherwise indicated on the drawings or by the equipment manufacturer. The top edges of the pads shall be chamfered.

C. Concrete work shall be in accordance with Division 3.

PART 3 -- EXECUTION

1.1 Preparation

A. Obtain permission from Architect/Engineer before using powder-actuated anchors.

B. Do not drill or cut structural members.

1.2 INSTALLATION

A. Pipe Hangers and Supports:
1. Install according to MSS SP 69.
2. Support horizontal piping as scheduled.
3. Install hangers with minimum 1/2 inch space between finished covering and adjacent Work.
4. Place hangers within 12 inches of each horizontal elbow.
5. Use hangers with 1-1/2 inch minimum vertical adjustment.
6. Support vertical piping at every floor.
7. Where piping is installed in parallel and at same elevation, provide multiple pipe or trapeze hangers.
8. Support riser piping independently of connected horizontal piping.
9. Provide vinyl coated hangers and supports in contact with copper piping.
10. Design hangers for pipe movement without disengagement of supported pipe.
11. Provide clearance in hangers and from structure and other equipment for installation of insulation. Refer to Section 22 07 00.

B. Equipment Bases and Supports:
1. Using templates furnished with equipment, install anchor bolts, and accessories for mounting and anchoring equipment.
2. Construct supports of steel members or formed steel channel. Brace and fasten with flanges bolted to structure.
3. Provide rigid anchors for pipes after vibration isolation components are installed.

C. Flashing:
1. Provide flexible flashing and metal Counterflashing where piping and ductwork penetrate weather or waterproofed walls, floors, and roofs.
2. Provide acoustical lead flashing around ducts and pipes penetrating equipment rooms for sound control.
3. Provide curbs for roof installations 14 inches minimum high above roofing surface. Flash and counter-flash with stainless steel sheet metal; seal

watertight. Attach Counterflashing to equipment and lap base flashing on roof curbs. Flatten and solder joints.

4. Adjust storm collars tight to pipe with bolts; caulk around top edge. Use storm collars above roof jacks. Screw vertical flange section to face of curb.

D. Sleeves:

1. Exterior watertight entries: Seal with mechanical sleeve seals.
2. Set sleeves in position in forms. Provide reinforcing around sleeves.
3. Size sleeves large enough to allow for movement due to expansion and contraction. Provide for continuous insulation wrapping.
4. Extend sleeves through floors 1 inch above finished floor level. Caulk sleeves.
5. Where piping or ductwork penetrates floor, ceiling, or wall, close off space between pipe or duct and adjacent Work with firestopping insulation and caulk airtight per firestopping manufacturer's instructions. Provide close fitting metal collar or escutcheon covers at both sides of penetration.
6. Install stainless steel escutcheons at finished surfaces.

1.3 SCHEDULES

A. Copper and Steel Pipe Hanger Spacing:

PIPE SIZE INCHES	COPPER TUBING MAXIMUM HANGER SPACING FEET	STEEL PIPE MAXIMUM HANGER SPACING FEET	COPPER TUBING HANGER ROD DIAMETER INCHES	STEEL PIPE HANGER ROD DIAMETER INCHES
1/2	5	7	3/8	3/8
3/4	5	7	3/8	3/8
1	6	7	3/8	3/8
1-1/4	7	7	3/8	3/8
1-1/2	8	9	3/8	3/8
2	8	10	3/8	3/8
2-1/2	9	11	1/2	1/2
3	10	12	1/2	1/2
4	12	14	1/2	5/8
5	13	16	1/2	5/8
6	14	17	5/8	3/4
8	16	19	3/4	3/4

B. Plastic and Ductile Iron Pipe Hanger Spacing:

PIPE MATERIAL	MAXIMUM HANGER SPACING FEET	HANGER ROD DIAMETER INCHES
ABS (All sizes)	4	3/8
PP-R (Note 1)		
PVC & CPVC(All Sizes)	4	3/8
Ductile Iron (Note 2)		

C. Note 1: Refer to manufacturer's recommendations.

D. Note 2: 20 feet maximum spacing, minimum of one hanger for each pipe section close to joint behind bell. Provide hanger at each change of direction and each branch connection. For pipe sizes 6 inches and smaller, subjected to loadings other than weight of pipe and contents, limit span to maximum spacing for water service steel pipe.

-END OF SECTION-

SECTION 230800 - COMMISSIONING OF HVAC

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:
1. HVAC commissioning description.
2. HVAC commissioning responsibilities.

1.2 COMMISSIONING DESCRIPTION

A. HVAC commissioning process includes the following tasks:
1. Testing and startup of HVAC equipment and systems.
2. Equipment and system verification checks.
3. Assistance in functional performance testing to verify testing and balancing, and equipment and system performance.
4. Provide qualified personnel to assist in commissioning tests, including seasonal testing.
5. Complete and endorse functional performance test checklists provided by Commissioning Authority to assure equipment and systems are fully operational and ready for functional performance testing.
6. Provide equipment, materials, and labor necessary to correct deficiencies found during commissioning process to fulfill contract and warranty requirements.
7. Provide operation and maintenance information and record drawings to Commissioning Authority for review verification and organization, prior to distribution.
8. Provide assistance to Commissioning Authority to develop, edit, and document system operation descriptions.
9. Provide training for systems specified in this Section with coordination by Commissioning Authority.

B. Equipment and Systems to Be Commissioned:
1. New HVAC systems that were installed under this contract.
2. Existing HVAC systems that were modified, adjusted, upgraded, or affected by the work performed under this contract.

C. The following is a partial list of equipment that may be included in this HVAC Commissioning:

1. Pumps.
2. Boilers.
3. Piping systems.
4. Ductwork.
5. Variable frequency drives.
6. Hot water terminal heating equipment.

7. Unit heaters.
8. Heat exchangers.
9. Fans.
10. Control Dampers
11. Automatic HVAC control system.
12. Testing, Adjusting and Balancing work.

1.3 COMMISSIONING SUBMITTALS

A. Draft Forms: Submit draft of functional performance test checklist.

B. Test Reports: Indicate data on system verification form for each piece of equipment and system as specified.

C. Field Reports: Indicate deficiencies preventing completion of equipment or system verification checks equipment or system to achieve specified performance.

1.4 CLOSEOUT SUBMITTALS

A. Project Record Documents: Record revisions to equipment and system documentation necessitated by commissioning.

B. Operation and Maintenance Data: Submit revisions to operation and maintenance manuals when necessary revisions are discovered during commissioning.

1.5 QUALITY ASSURANCE

A. Perform Work in accordance with TABB requirements.

B. Perform Work in accordance with State of Alaska standards and applicable codes.

C. Maintain one copy of each document on site.

1.6 COMMISSIONING RESPONSIBILITIES

A. Equipment or System Installer Commissioning Responsibilities:

1. Ensure temperature controls installer performs assigned commissioning responsibilities as specified below.
2. Provide instructions and demonstrations for Owner's personnel.
3. Ensure subcontractors perform assigned commissioning responsibilities.
4. Ensure participation of equipment manufacturers in appropriate startup, testing, and training activities when required by individual equipment specifications.
5. Develop startup and initial checkout plan using manufacturer’s startup procedures and functional performance checklists for equipment and systems to be commissioned.

6. During verification check and startup process, execute HVAC related portions of checklists for equipment and systems to be commissioned.
7. Perform and document completed startup and system operational checkout procedures, providing copy to Commissioning Authority.
8. Coordinate with equipment manufacturers to determine specific requirements to maintain validity of warranties.
9. Provide personnel to assist Commissioning Authority during equipment or system verification checks and functional performance tests.
10. Prior to functional performance tests, review test procedures to ensure feasibility, safety and equipment protection and provide necessary written alarm limits to be used during tests.
11. Prior to startup, inspect, check, and verify correct and complete installation of equipment and system components for verification checks included in commissioning plan. When deficient or incomplete work is discovered, ensure corrective action is taken and re-check until equipment or system is ready for startup.
12. Perform verification checks and startup on equipment and systems as specified.
13. Assist Commissioning Authority in performing functional performance tests on equipment and systems as specified.
14. Perform operation and maintenance training sessions scheduled by Commissioning Authority.
15. Conduct HVAC system orientation and inspection.

B. Temperature Controls Installer Commissioning Responsibilities:

1. Review design for ability of systems to be controlled including the following:
    a. Confirm proper hardware requirements exists to perform functional performance testing.
    b. Confirm proper safeties and interlocks are included in design.
    c. Confirm proper sizing of system control valves and actuators and control valve operation will result capacity control identified in Contract Documents.
    d. Confirm proper sizing of system control dampers and actuators and damper operation will result in proper damper positioning.
    e. Confirm sensors selected are within device ranges.
    f. Review sequences of operation and obtain clarification from Architect/Engineer.
    g. Indicate delineation of control between packaged controls and building automation system, listing BAS monitor points and BAS adjustable control points.
    h. Provide written sequences of operation for packaged controlled equipment. Equipment manufacturers? stock sequences may be included, when accompanied by additional narrative to reflect Project conditions.
2. Inspect, check, and confirm proper operation and performance of control hardware and software provided in other HVAC sections.
3. Submit proposed procedures for performing automatic temperature control system point-to-point checks to Commissioning Authority and Architect/Engineer.

4. Inspect check and confirm correct installation and operation of automatic temperature control system input and output device operation through point-to-point checks.
5. Perform training sessions to instruct Owner's personnel in hardware operation, software operation, programming, and application in accordance with commissioning.
6. Demonstrate system performance and operation to Commissioning Authority during functional performance tests including each mode of operation.
7. Provide control system technician to assist during Commissioning Authority verification check and functional performance testing.
8. Provide control system technician to assist testing, adjusting, and balancing agency during performance of testing, adjusting, and balancing work.
9. Assist in performing operation and maintenance training sessions scheduled by Commissioning Authority.

C. Testing, Adjusting, and Balancing Agency Commissioning Responsibilities:
1. Participate in verification of testing, adjusting, and balancing report for verification or diagnostic purposes.
2. Assist in performing operation and maintenance training sessions scheduled by Commissioning Authority.

1.7 SCHEDULING

A. Prepare schedule indicating anticipated start dates for the following:
1. Piping system pressure testing.
2. Piping system flushing and cleaning.
3. Ductwork cleaning.
4. Ductwork pressure testing.
5. Equipment and system startups.
6. Automatic temperature control system checkout.
7. Testing, adjusting, and balancing.
8. HVAC system orientation and inspections.
9. Operation and maintenance manual submittals.
10. Training sessions.

B. Schedule seasonal tests of equipment and systems during peak weather conditions to observe full-load performance.

C. Schedule occupancy sensitive tests of equipment and systems during conditions of both minimum and maximum occupancy or use.

1.8 COORDINATION

A. Notify Commissioning Authority minimum of four weeks in advance of the following:
1. Scheduled equipment and system startups.
2. Scheduled automatic temperature control system checkout.

3. Scheduled start of testing, adjusting, and balancing work.

B. Coordinate programming of automatic temperature control system with construction and commissioning schedules.

PART 2 - PRODUCTS

2.1 NOT USED

PART 3 - EXECUTION

3.1 INSTALLATION

A. Place HVAC systems and equipment into full operation and continue operation during each working day of commissioning.

B. Install replacement sheaves and belts to obtain system performance, as requested by Commissioning Authority.

3.2 FIELD TESTS AND INSPECTIONS

A. Seasonal Sensitive Functional Performance Tests:
1. Test heating equipment.
2. Test cooling equipment.
3. Test heat tracing equipment

-END OF SECTION-

SECTION 23 20 00 - HVAC PIPING

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:
1. Pipe and pipe fittings.
2. Pipe hangers and supports.
3. Valves.
4. Piping specialties.
5. HVAC piping specialties.

1.2 SUBMITTALS

A. Product Data:
1. Pipe Hangers and Supports: Submit manufacturers catalog data including load carrying capacity.
2. Valves: Submit Manufacturers catalog information with valve data and ratings for each service.
3. Piping Specialties: Submit product description, model, dimensions, component sizes, rough-in requirements, service sizes, and finishes. Submit schedule indicating manufacturer, model number, size, location, rated capacity, load served, and features for each specialty.
4. Pipe Expansion Products: Indicate maximum temperature and pressure rating, and maximum expansion compensation.
5. Pumps: Submit pump type, capacity, certified pump curves showing pump performance characteristics with pump and system operating point plotted. Include NPSH curve when applicable. Include electrical characteristics and connection requirements. Include manufacturer’s catalogue information.

B. Shop Drawings: Reference Section 230500, Common Work Results for Mechanical.
1. Provide shop drawings of floor and wall based pipe support systems including weight ratings for each connection point. Reference 220548, Vibration and Seismic Controls.

C. Manufacturer's Certificate: Certify products meet or exceed specified requirements.

1.3 QUALITY ASSURANCE

A. Perform Work in accordance with of State of Alaska standards.

1.4 MAINTENANCE SERVICE

A. Furnish the following spare parts:
1. One extra set of mechanical seals for pumps.

PART 2 - PRODUCTS

2.1 PIPES AND TUBES

A. Heating Water Piping:
1. Copper Tubing: ASTM B88, Type L drawn, cast brass, wrought copper, or mechanically extracted fittings, lead free solder joints.
2. PEX: ASTM F876, ASTM F877, AWWA C904-06, Crosslinked polyethylene tubing, rated for 100 PSI @ 180°F.

B. Equipment Drains and Overflows:
1. Steel Pipe: ASTM A53/A53M, Grade B, Schedule 40 black steel, malleable iron or forged steel fittings, threaded or welded joints.
2. Copper Tubing: ASTM B88, Type L, drawn, cast brass, wrought copper fittings, lead free solder joints.
3. PVC Pipe: ASTM D1785, Schedule 40, or ASTM D2241, SDR 21 or 26, PVC fittings, solvent weld joints.

2.2 PIPE HANGARS AND SUPPORTS

A. Conform to MSS SP 69.

B. Hangers for Pipe Sizes 1/2 to 1-1/2 inch: Carbon steel, adjustable swivel, split ring.

C. Hangers for Cold Pipe Sizes 2 inches and Over: Carbon steel, adjustable, clevis.

D. Hangers for Hot Pipe Sizes 2 to 4 inches: Carbon steel, adjustable, clevis.

E. Multiple or Trapeze Hangers for Pipe Sizes to 4 inches: Steel channels with welded spacers and hanger rods.

F. Wall Support for Pipe Sizes to 3 inches: Cast iron hooks.

G. Floor Support for Hot Pipe Sizes to 4 Inches: Cast iron adjustable pipe saddle, lock nut, nipple, floor flange, and concrete pier or steel support.

H. Copper Pipe Support: Copper-plated, carbon steel ring.

2.3 VALVES

A. Ball Valves:
1. Bronze or stainless steel one piece body, chrome plated brass ball, Teflon seats and stuffing box ring, lever handle, solder or threaded ends.

B. Butterfly Valves:
1. Bronze body, stainless steel disc, resilient replaceable seat, threaded ends, extended neck, lever handle.

C. Swing Check Valves:
1. Bronze body and swing disc, solder or threaded ends.

D. Relief Valves:
1. Bronze body, Teflon seat, stainless steel stem and springs, automatic, direct pressure actuated capacities ASME certified and labeled.

2.4 PIPING SPECIALTIES

A. Flanges, Unions, and Couplings:
1. Malleable iron unions for threaded ferrous piping; bronze unions for copper pipe, soldered joints.
2. Dielectric Connections: Provide dielectric nipples or flanges. Dielectric unions are not allowed.

B. Strainers:
1. All strainers to be able to receive blow-down ball valve connections.
2. Threaded brass or iron body for 175 psig working pressure, Y pattern with 1/32 inch stainless steel perforated screen.

C. Flexible Connectors:
1. Corrugated stainless steel hose with single layer of stainless steel exterior braiding, minimum 9 inches long with copper tube ends; for maximum working pressure 300 psig.

D. Air Vents:
1. Manual Type: Short vertical sections of 2 inch diameter pipe to form air chamber, with 1/8 inch brass needle valve at top of chamber.
2. Float Type: Brass or semi-steel body, copper, polypropylene, or solid non-metallic float, stainless steel valve and valve seat; suitable for system operating temperature and pressure; with isolating valve.

E. Pressure Gages:
1. Gage: ASME B40.1, UL 393 with bourdon tube, rotary brass movement, brass socket, front calibration adjustment, black scale on white background.
    a. Case: Steel.
    b. Bourdon Tube: Phosphor bronze.

c. Dial Size: 3-1/2 inch diameter.
d. Mid-Scale Accuracy: One percent.
e. Scale: Psi.
f. Range: Selected for mid-range at normal operating conditions for the application.

F. Thermometers:
1. Adjustable angle, digital display, light powered, ABS case with enamel finish, cast aluminum adjustable joint with positive locking device.
a. Size: 7-inch case
b. Power source: Photovoltaic cells requiring 10 lux of illumination for operation.
c. Display: 9/16 inch LCD, 4 digits, 1/10 degree resolution. switchable between F and C, updated every 10 seconds.
d. Stem: Aluminum, 3/4 inch NPT, 3-1/2 inch long, with glass passivated thermistor.
e. Range: Minus 40 to 300 degrees F (minus 40 to 150 degrees C)
f. Accuracy: 1 percent or 1 degree F, whichever is greater

2.5 HVAC PIPING SPECIALTIES

A. Diaphragm-Type Expansion Tanks
1. Manufacturers:
a. Amtrol.
b. Taco.
c. Substitutions: Permitted.
2. Construction: Welded steel, rated for working pressure of 100 psig, with flexible butyl/EPDM diaphragm sealed into tank and steel support stand.
3. Accessories: Pressure gage and air-charging fitting, tank drain; pre-charge to 12 psig.

B. Air Separators:
1. Manufacturers:
a. Spirotherm.
b. Substitutions: Permitted.
2. In-line Air Separators: Welded Steel; designed and constructed for 150 psig working pressure.
a. Woven copper wire and copper tube internal element to remove entrained air and to coalesce and remove microbubbles.

2.6 GLYCOL SOLUTION

A. Manufacturers:
1. Dow Chemical Co.
2. Substitutions: Permitted.

B. Inhibited propylene glycol and water solution mixed 50 percent glycol / 50 percent water, suitable for operating temperatures from minus 40 degrees F to 250 degrees F.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Verify excavations are to required grade, dry, and not over-excavate.

3.2 PREPARATION

A. Ream pipe and tube ends. Remove burrs. Bevel plain end ferrous pipe.

B. Remove scale and dirt, on inside and outside piping before assembly.

C. Prepare piping connections to equipment with flanges or unions.

3.3 INSTALLATION – PIPING SYSTEM

A. Install heating water piping in accordance with ASME B31.9.

B. Install dielectric connections wherever jointing dissimilar metals.

C. Install unions downstream of valves and at equipment or apparatus connections.

D. Route piping parallel to building structure and maintain gradient.

E. Install piping to maintain headroom. Group piping to conserve space. Group piping whenever practical at common elevations.

F. Slope piping and arrange systems to drain at low points.

G. Install piping to allow for expansion and contraction without stressing pipe, joints, or connected equipment.

H. Provide clearance in hangers and from structure and other equipment for installation of insulation and access to valves and fittings.

I. Sleeve pipe passing through partitions, walls and floors.

J. Install piping system allowing clearance for installation of insulation and access to valves and fittings.

K. Protect piping systems from entry of foreign materials by temporary covers, completing sections of the work, and isolating parts of completed system.

3.4 INSTALLATION – MODULE CONSTRUCTION

A. Provide removable pipe sections at module seams with unions or flanges.
   1. Pipe sections to be installed during initial testing.
   2. Pipe sections are then to be removed, drained, sealed, and packaged for shipment. Label the pipe sections to identify exact location for field reinstallation.
   3. Piping is then to be reinstalled after field assembly of the modules.
   4. Final installation is then to be tested, sterilized, and final insulation and pipe identifications added as needed.

3.5 INSTALLATION – PIPES AND SUPPORTS

A. Support horizontal piping as scheduled.

B. Install hangers with minimum 1/2 inch space between finished covering and adjacent work.

C. Place hangers within 12 inches of each horizontal elbow.

D. Use hangers with 1-1/2 inch minimum vertical adjustment.

E. Support horizontal cast iron pipe adjacent to each hub, with 5 feet maximum spacing between hangers.

F. Support vertical piping at every other floor. Support vertical cast iron pipe at each floor at hub.

G. Where piping is installed in parallel and at same elevation, provide multiple pipe or trapeze hangers.

H. Support riser piping independently of connected horizontal piping.

I. Provide copper plated hangers and supports for copper piping.

J. Design hangers for pipe movement without disengagement of supported pipe.

3.6 INSTALLATION - VALVES

A. Install valves with stems upright or horizontal, not inverted.

B. Install gate, ball or butterfly valves for shut-off and to isolate equipment, part of systems, or vertical risers.

C. Install globe, ball or butterfly valves for throttling, bypass, or manual flow control services.

D. Provide lug end butterfly valves adjacent to equipment when functioning to isolate equipment.

E. Install 3/4 inch ball drain valves with hose thread adapter and cap at low points of piping, and at equipment.

3.7 INSTALLATION – PIPING SPECIALTIES

A. Install one pressure gage for each pump, locate taps before strainers and on suction and discharge of pump; pipe to gage.

B. Install pressure gages with pulsation dampers. Provide needle valve or ball valve to isolate each gage. Extend nipples to allow clearance from insulation.

C. Install thermometers in piping systems in sockets in short couplings. Enlarge pipes smaller than 2-1/2 inches for installation of thermometer sockets. Allow clearance from insulation.

D. Install gages and thermometers in locations where they are easily read from normal operating level. Install vertical to 45 degrees off vertical.

E. Adjust gages and thermometers to final angle, clean windows and lenses, and calibrate to zero.

F. Install manual air vents at system high points.

G. Provide drain and hose connection with valve on strainer blow down connection.

H. Select system relief valve capacity greater than make-up pressure reducing valve capacity. Select equipment relief valve capacity to exceed rating of connected equipment. Install piping from relief valve outlet to nearest floor drain.

I. Pipe relief valve outlet to nearest floor drain, or to glycol fill system as shown.

J. Support piping adjacent to pump so no weight is carried on pump casings. For close coupled or base mounted pumps, install supports under elbows on pump suction and discharge line sizes 4 inches and over.

K. Support tanks inside building from building structure.

3.8 FIELD QUALITY CONTROL

A. Pressure test piping in accordance with the International Mechanical Code.
   1. Piping to be tested at 50% above operating pressure or 50 psi at a minimum.
   2. Do not install pressure gauges until after the test.
   3. Isolate sensitive equipment, such as the boilers, when completing the test.

3.9 CLEANING – HEATING PIPING

A. Prior to starting work, verify system is complete, flushed and clean.

B. Add to the hydronic system one pound of Trisodium Phosphate for each sixty gallons of system capacity.

C. Boil out system for four hours at a minimum temperature of 195 degrees F.

D. After boil out, completely drain and flush system including low points.

E. Clean strainers and remove construction strainers.

F. Fill system with glycol where indicated.

G. Test for strength of glycol and water solution and submit written test results.

3.10 SCHEDULES

A. Adjust hanger spacing based on module roof loading.

B. Copper and Steel Pipe Hanger Spacing:

PIPE SIZE Inches	COPPER TUBING MAXIMUM HANGER SPACING Feet	STEEL PIPE MAXIMUM HANGER SPACING Feet	COPPER TUBING HANGER ROD DIAMETER Inches	STEEL PIPE HANGER ROD DIAMETER Inches
1/2	5	7	3/8	3/8
3/4	5	7	3/8	3/8
1	6	7	1/2	1/2
1-1/4	7	7	1/2	1/2
1-1/2	8	9	1/2	1/2
2	8	10	1/2	1/2

-END OF SECTION-

SECTION 23 34 00 - HVAC FANS

PART 1 - GENERAL

1.1 Summary

A. Section Includes:
   1. Inline Fans
   2. Explosion Proof Inline Fans

1.2 SUBMITTALS

A. Shop Drawings: Indicate size and configuration of fan assembly, mountings, weights, ductwork, and accessory connections.

B. Product Data: Each type of fan and include accessories, fan curves with specified operating point plotted, power, RPM, sound power levels for both fan inlet and outlet at rated capacity, electrical characteristics and connection requirements.

C. Manufacturer's Installation Instructions: Fan manufacturer's instructions.

D. Manufacturer's Certificate: Products meet or exceed specified requirements.

1.3 QUALITY ASSURANCE

A. Performance Ratings: Conform to AMCA 210 and bear AMCA Certified Rating Seal.

B. Sound Ratings: AMCA 301, tested to AMCA 300, and bear AMCA Certified Sound Rating Seal.

C. UL Compliance: UL listed and labeled, designed, manufactured, and tested according to UL 705.

D. Balance Quality: Conform to AMCA 204.

E. Manufacturer: Company specializing in manufacturing products specified in this Section with three years' experience.

1.4 DELIVERY, STORAGE, AND HANDLING

A. Protect motors, shafts, and bearings from weather and construction dust.

1.5 FIELD MEASUREMENTS

A. Verify field measurements prior to fabrication and indicate on Shop Drawings.

PART 2 - PRODUCTS

2.1 Inline fans

A. Construction:
   1. Impeller: Forward Curved, Polypropylene
   2. Housing: Galvanized steel

B. Accessories:
   1. Motors: Totally Enclosed Fan-Cooled.
   2. Disconnect Switch: Factory mount on equipment,
   3. Outlet collar with integral backdraft damper.

2.2 explosion proof inline fans

A. Construction:
   1. Impeller: Backward inclined aluminum wheel with corrosion resistant fasteners.
   2. Housing: Galvanized steel
   3. Fans shall be AMCA Class B spark resistant construction.

B. Accessories:
   1. Electrical Accessories: When noted on the schedule, junction boxes, thermostats, and enclosures shall be suitable for Class 1 Division 2, Groups C & D.
   2. Motors: Explosion Proof, Class 1 Division 2 rated.
   3. Disconnect Switch: Factory mount on equipment, Class 1 Groups A, B, C, D and Class II Groups E, F, G.

PART 3 -- EXECUTION

3.1 Installation

A. Provide vibration isolation on hangars.

3.2 Cleaning

A. Vacuum clean inside of fan cabinet.

3.3 Demonstration

A. Demonstrate fan operation and maintenance procedures.

3.4 Protection Of Finished Work

A. Do not operate fans until ductwork is clean, filters in place, bearings lubricated, and fan has been test run under observation.

-END OF SECTION-

SECTION 238200 - HYDRONIC TERMINAL HEATING UNITS

PART 1 -- GENERAL

1.1 SUMMARY

A. Section Includes:
1. Unit heaters.
2. Hazardous Location Unit Heaters

1.2 SUBMITTALS

A. Product Data: Submit schedules for equipment and radiation enclosures indicating length and number of pieces of element and enclosure, corner pieces, end caps, cap strips, access doors, pilaster covers, and comparison of specified heat required to actual heat output of equipment.

1.3 CLOSEOUT SUBMITTALS

A. Operation and Maintenance Data: Submit operating instructions, maintenance and repair data, and parts lists.

1.4 QUALITY ASSURANCE

A. Perform Work in accordance with State of Alaska standards.

B. Maintain one copy of each document on site.

PART 2 -- PRODUCTS

2.1 UNIT HEATER STANDARD

A. Manufacturers:
1. Airtex
2. Engineered Air
3. Modine
4. Substitutions: Permitted.

B. Casing: 18 gauge steel with electrostatically applied powder coat or baked enamel finish, threaded pipe connections for hanger rods.

C. Coils: Seamless copper tubing, 0.025 inch minimum wall thickness, and with evenly spaced aluminum fins mechanically bonded to tubing.

D. Fan: Direct drive propeller type with aluminum blades and fan guard.

E. Air Outlet: Louvers for vertical adjustment of air discharge.

F. Motor: Totally enclosed, resiliently mounted, with permanently lubricated sleeve bearings. 120V single phase, 60 Hz.

G. Thermostat: 120 volt, surface mount outlet box, 50 to 90 degrees F range

2.2 UNIT HEATER – HAZARDOUS LOCATION

A. Manufacturers:
1. Hazloc Heaters
2. Substitutions: Permitted.

B. Casing: 14 gauge steel with factory applied Heresite coating.

C. Coils: 16 gauge carbon-steel tubes with tension wound aluminum fins and carbon steel headers. Factory applied heresite coating to coils.

D. Fan: Direct drive propeller type with aluminum blades and fan guard.

E. Air Outlet: Louvers for vertical adjustment of air discharge.

F. Motor: Explosion Proof, resiliently mounted, with permanently lubricated sleeve bearings. 120V single phase, 60 Hz.

G. Thermostat: 120 volt, surface mount outlet box, 50 to 90 degrees F range, Rated For Class 1 Division 2 Hazardous Locations

PART 3 -- EXECUTION

3.1 EXAMINATION

A. Verify wall and ceiling construction are ready for installation.

B. Verify concealed blocking and supports are in place and connections are correctly located.

3.2 INSTALLATION

A. Install Work in accordance with State of Alaska standards.

B. Install equipment in accordance with manufacturer’s recommended installation guidelines.

C. Install radiation on outside walls and install cover as indicated on Drawings.

D. Fasten back plate to wall maximum 24 inches on center. Provide additional backing as required.

E. Install unit heaters from building structure. Support independently from piping. Mount minimum 7 feet above floor. Provide seismic bracing.

F. Touch-up marred or scratched surfaces of factory-finished cabinets, using finish materials furnished by manufacturer.

-END OF SECTION-

SECTION 25 14 05 – LOCAL CONTROL STATIONS AND MISCELLANEOUS ELECTRICAL DEVICES

PART 1 -- GENERAL

1.1 THE REQUIREMENT

A. The CONTRACTOR shall provide complete local control stations, relays, detectors, and switches as indicated on the electrical drawings, control diagram, herein, or in other Sections of the Specifications.

1.2 REFERENCE SPECIFICATIONS, CODES, AND STANDARDS

A. Local control panels shall comply with the requirements of NEC, NEMA, and shall be built to UL-508 standards, or equal as approved by the Municipality of Anchorage Building Department.

1.3 CONTRACTOR SUBMITTALS

A. Furnish Shop Drawings in accordance with Division 01, and 26 05 00 – Electrical Work, General.

1. Include panel schematics and layout drawings, and catalog cuts of all control equipment including enclosures, relays, pilot devices, terminations, and wire troughs.

PART 2 -- PRODUCTS

2.1 GENERAL

A. The CONTRACTOR shall provide the stations to satisfy the functional requirements in the relevant mechanical equipment and Instrumentation & Control specifications and the Electrical Schematics. Each station shall be fabricated with UL-labeled components. Stations not specifically indicated as being WORK of other Sections shall be provided under this Section. All stations shall be wired under this Section.

B. The controls shall be 120-volt maximum, preferably 24 VDC. Where the electrical power supply is 240-volt, single-phase or 480-volt, 3-phase, the station shall be provided with a fused control power transformer. Control conductors shall be provided in accordance with Section 26 05 00 – Electrical Work, General.

C. Each station shall be provided with identified terminal strips for the connection of external conductors. The CONTRACTOR shall provide sufficient terminal blocks to connect 25 percent additional conductors for future use. Termination points shall be identified in accordance with Shop Drawings. The stations shall be the source of power for all 24 VDC/120 VAC solenoid valves interconnected with the stations. All equipment associated with the stations shall be ready for service after connection of conductors to equipment, controls, and stations.

D. Wiring to door-mounted devices shall be extra flexible and anchored to doors using wire anchors cemented in place. Exposed terminals of door-mounted devices shall be guarded to prevent accidental personnel contact with energized terminals.

E. Enclosures
1. In indoor rooms, enclosures shall be NEMA 12 steel enclosures painted with ANSI 61 exterior and white interior.
2. In outdoor areas and underground locations, enclosures shall be NEMA 4X stainless steel (prior to modifications) with brushed finish. Where possible, penetrations shall be made in such a manner as to maintain the NEMA 4X rating. If this is not possible, the penetrations shall be made in such a manner as to minimize entry of foreign materials into the enclosure.
3. Through the door disconnects are not permitted.
4. Enclosures shall be freestanding, pedestal-mounted, or equipment skid-mounted, as indicated. Internal control components shall be mounted on a removable mounting pan. Mounting pan shall be finished white.
5. Enclosures shall have non-locking handles.
6. Hazardous location enclosures shall be rated for their environment.

F. Disconnect Switches
1. Heavy duty, non-fusible, single throw.
2. Horsepower rated.
3. UL listed.
4. Padlockable in "Off" position and door interlock without having the operator mounted on the door.
5. Enclosure per area classification in Section 26 05 00 – Electrical Work, General.
6. 600-volt, 3-phase, 3-pole.
7. Auxiliary control contact as applicable and as indicated.
8. As manufactured by **G.E., Cutler-Hammer,** or **Square D**.

G. Identification of panel-mounted devices, conductors, and electrical components shall be in accordance with Section 26 05 00 – Electrical Work, General.

H. Panel-mounted devices shall be mounted a minimum of 3 feet above finished floor elevation.

I. Combination Motor Starters: Provide NEMA combination motor starters not furnished in a new MCC, **Allen-Bradley Bulletin 513**, or equal.
1. Provide circuit breakers. Fuses are not acceptable.
2. Provide overload relay. Overload relay shall be electronic, **Allen-Bradley E3 Plus**, or equal, or thermal overload, as noted on the drawings.
3. Provide terminal strips for field terminations.
4. Provide green run lights.
5. “Through the door” type disconnects are not permitted.
6. Assembly shall be Listed as “Self Protected” under UL 508 Type F
7. Provide status contact as required by control wiring diagrams.

2.2 STATION COMPONENTS

A. Pushbuttons, selector switches, and pilot lights shall be the heavy-duty, oil-tight type, sized to 30 mm. Miniature style devices are not acceptable. Devices shall be as manufactured by **Square D, G.E., Cutler-Hammer**, or equal. Switches shall be UL listed for use in existing motor starters, MCCs, or LCPs, as required.
   1. Lens colors shall be green for "run," "open," or "on;" red for "stopped," "closed," or "off;" and amber for alarm.
   2. Pilot lights shall be LED type.

B. Relays shall be 1, 2, or 3 PDT, as required, with 10-amp contacts, plug-in type utilizing rectangular blades and provided with sockets for screw-type termination and hold-down clips or DIN rail mounted. Relays shall be as manufactured by **Square D, Potter Brumfield**, or equal.

C. Magnetic starters shall be:
   1. NEMA rated. IEC or dual NEMA/IEC rated type are not acceptable.
   2. FVNR type unless indicated otherwise.
   3. Combination starters with magnetic only instantaneous trip circuit breakers such as **Cutler-Hammer "MCP," G.E., "Mag-Break,"** or equal.
   4. Control transformers shall be provided with primary and secondary fuses, 120-volt maximum control voltage.

D. Terminal strips shall be provided for all panels and shall be the flanged fork or ring lug type suitable for No. 12 AWG stranded wire minimum, or shall be DIN rail-mounted terminals, **Phoenix model KDKS**, or equal. Provide 25 percent spare terminals in each panel.

E. Time delay relays shall be combination on delay and off delay (selectable) with adjustable timing ranges. Provide socket with screw terminal connections and retaining strap. Time delay relays shall be Square D JCK70, or equal.

2.3 FACTORY TESTING

A. Each LCS shall be factory-assembled and tested for sequence of operation prior to delivery.

2.4 MISCELLANEOUS DEVICES

A. Intrusion Detection Switches:
Industrial limit switch and lever arm, **Allen-Bradley 802T-HP switch with 802MC-W2B lever arm**, or equal.

B. Smoke Detectors: Smoke detectors are to be **GE Interlogix ESL 500N Series, Model 541NCRXT**, or equal.

Heat Detectors (Located in Wet Well Rm): Heat detectors shall be hazardous location rated for the environment (Class 1, Division 1, Group D). 190F Rate-of-Rise and fixed temperature. **Edwards-Signal EPBMPBB502**, or equal.

C. Flood Detectors: Flood detection is to be accomplished utilizing single-level liquid level sensors that employ hermetically sealed magnetic reed switch technology. The detector is to have a float made from Burna-N that rides up and down a brass stem. The 'normally closed' switching contact is to be rated at 24 VDC, 0.5 A. Flood detectors are to be **Madison M Series model M4300**, or equal.

D. High Wet Well Float Switch: The float switch shall be a simple level switch that provides a contact on high level. The float body shall be high-density polypropylene and the cable shall be flexible PVC, rated 120 VAC and use in corrosive environments at a temperature range of -20 degrees F to 100 degrees F. The contact shall be a single Form C-type mercury or mercury-free switch. The float switch shall include a Kevlar Cable grip and 20 meters of cable. The switch shall be **Flygt Model ENM-10**, or equal.

PART 3 -- EXECUTION

3.1 INSTALLATION

A. Stations shall be installed in accordance with Section 26 05 00 – Electrical Work, General, and in accordance with the manufacturer's recommendations.

B. Stations shall be protected at the Site from loss, damage, and the effects of weather. Stations shall be stored in an indoor, dry location. Heating shall be provided in areas subject to corrosion and humidity.

C. Station interiors and exteriors shall be cleaned, and coatings shall be touched up to match original finish upon completion of the WORK.

D. Conduit, conductors, and terminations shall be installed in accordance with Section 26 05 00 – Electrical Work, General.

3.2 FIELD TESTING

A. Each station shall be tested again for functional operation in the field after the connection of external conductors and prior to equipment startup.

B. Deficient stations shall be corrected, to the ENGINEER'S satisfaction, at the CONTRACTOR'S expense.

-END OF SECTION-

SECTION 26 00 00 - ELECTRICAL WORK, GENERAL

PART 1 -- GENERAL

1.1 THE REQUIREMENT

A. The CONTRACTOR shall provide electrical work, complete and operable, in accordance with the Contract Documents.

B. The provisions of this Section apply to all sections in Division 26 and 40, except as indicated otherwise.

C. The WORK of this Section is required for operation of electrically driven equipment provided under specifications in other Divisions. The CONTRACTOR's attention is directed to the requirement for proper coordination of the WORK of this Section with the WORK of equipment specifications, and the WORK of instrumentation sections.

D. Concrete, excavation, backfill, and steel reinforcement required for encasement, installation, or construction of the WORK of the various sections of Division 26 is included as a part of the WORK under the respective sections, including duct banks, manholes, handholes, equipment housekeeping pads, and light pole bases.

E. The CONTRACTOR shall coordinate with the OWNER, ENGINEER and serving utility as necessary for all work to be done in modification of the existing electrical service.

F. All required utility fees shall be paid for by the CONTRACTOR including connect/disconnect fees and new service charges. Contract adjustment will be made based on actual charges.

1.2 REFERENCE STANDARDS

A. The WORK of this Section and all sections in Division 26 shall comply with the following, as applicable:

NEC (NFPA 70)	National Electrical Code – latest adopted version
NAPA 820	Standard for Fire Protection in Wastewater and Collection Facilities
NETA	International Electrical Testing Association
NEMA 250	Enclosure for Electrical Equipment (1000 Volts Maximum)
ANSI	American National Standards Institute
UL	Underwriters Laboratories (UL-508A or 913 for intrinsically safe)

B. All electrical equipment shall be listed by and shall bear the label of Underwriters' Laboratories, Inc. (UL) or other State of Alaska recognized testing laboratory.

C. Installation of electrical equipment and materials shall comply with OSHA Safety and Health Standards, state building standards, and applicable local codes and regulations.

D. Where the requirements of the specifications conflict with UL, NEMA, NFPA, or other applicable standards, the more stringent requirements shall govern.

1.3 SIGNAGE

A. Local Disconnect Switches:

1. Each local disconnect switch for motors and equipment shall be legibly marked to indicate its purpose unless the purpose is indicated by the location and arrangement.

B. Isolating Switches: Isolating switches not interlocked with an approved circuit interrupting device shall be provided with a sign warning against opening them under load.

1.4 PUBLIC UTILITIES REQUIREMENTS

A. The Public Electrical Utility associated with this project is Alaska Village Electric Cooperative (AVEC). If required, the CONTRACTOR shall coordinate all requirements with the Utility as required.

B. The CONTRACTOR shall contact the serving utility and verify compliance with requirements before construction. The CONTRACTOR shall coordinate schedules and payments for work by all utilities.

C. Electrical service shall be as indicated and be as required by the serving utility.

D. The CONTRACTOR shall verify and provide all service conduits, fittings, grounding devices, and all service wires not provided by the serving utility.

E. The CONTRACTOR shall verify with the utility the exact location of each service point and type of service and shall pay all charges levied by the serving utilities as part of the WORK.

1.5 PERMITS AND INSPECTION

A. All electrical permits shall be obtained, and inspection fees shall be paid by the CONTRACTOR.

B. The CONTRACTOR shall pay all electrical utility line extension, service upgrade, equipment, connection, and turn-on service charges required by the utility company.

1.6 CONTRACTOR SUBMITTALS

A. Furnish submittals in accordance with Section 01 33 00 Submittals Procedure.

B. Shop Drawings: Include the following:

1. Complete material lists stating manufacturer and brand name of each item or class of material.

2. Shop Drawings for all grounding WORK not specifically indicated.
3. Front, side, rear elevations, and top views with dimensional data.
4. Location of conduit entrances and access plates.
5. Component data.
6. Connection diagrams, terminal numbers, internal wiring diagrams, conductor size, and cable numbers.
7. Method of anchoring, seismic requirements, weight.
8. Types of materials and finish.
9. Nameplates.
10. Temperature limitations, as applicable.
11. Voltage requirement, phase, and current, as applicable.
12. Front and rear access requirements.
13. Test reports.
14. Grounding requirements.
15. Catalog cuts of applicable pages of bulletins or brochures for mass produced non-custom manufactured material. Catalog data sheets shall be stamped to indicate the project name, applicable Section and paragraph; and shall be clearly marked to indicate exact model number, and options being provided.

C. Shop Drawings shall be custom prepared. Drawings or data indicating "optional" or "as required" equipment are not acceptable. Options not proposed shall be crossed out or deleted from Shop Drawings.

D. Materials and Equipment Schedules: The CONTRACTOR shall deliver to the ENGINEER within 30 days of the commencement date in the Notice to Proceed, a complete list of all materials, equipment, apparatus, and fixtures proposed for use. The list shall include type, sizes, names of manufacturers, catalog numbers, and other such information required to identify the items.

E. Owner's Manuals: Complete information in accordance with Division 01.

F. Record Drawings: The CONTRACTOR shall show invert and top elevations and routing of all duct banks and concealed below-grade electrical installations. Record Drawings shall be prepared, be available to the ENGINEER, and be submitted according to Section 01 33 00.

1.7 AREA DESIGNATIONS

A. General:

1. Raceway system enclosures shall comply with Section 26 05 33 – ELECTRICAL RACEWAY SYSTEMS.
2. Electrical WORK specifically indicated in sections within any of the Specifications shall comply with those requirements.

3. Electrical WORK in above ground indoor or non-process areas shall be NEMA 1 unless otherwise indicated.
4. Electrical WORK in damp or wet locations and process (NON-HAZARDOUS) areas shall be NEMA 4X unless otherwise indicated.
5. Electrical WORK in below ground facilities and outdoors shall be NEMA 4X unless otherwise indicated.
6. Installations in hazardous locations shall conform strictly to the requirements of the Class, Group, and Division indicated.

B. Material Requirements:

1. NEMA 4X enclosures shall be stainless steel, Type 304 or 316.

1.8 TESTS

A. The CONTRACTOR shall be responsible for factory and field tests required by specifications in Division 26 and by the ENGINEER or authority having jurisdiction. The CONTRACTOR shall furnish necessary testing equipment and pay costs of tests, including all replacement parts and labor, due to damage resulting from damaged equipment or from testing and correction of faulty installation.

B. Where test reports are indicated, proof of design test reports for mass-produced equipment shall be submitted with the Shop Drawings, and factory performance test reports for custom-manufactured equipment shall be submitted and be approved prior to shipment. Field test reports shall be submitted for review prior to Substantial Completion.

C. Equipment or material which fails a test shall be removed and replaced.

D. Cable Testing: Cables and conductors shall be tested in accordance with Section 26 05 19 – WIRE AND CABLES.

E. Test Ground Fault Interrupter (GFI) receptacles and circuit breakers for proper operation by methods sanctioned by the receptacle manufacturer.

F. A functional test and check of all electrical components is required prior to performing subsystem testing and commissioning. Compartments and equipment shall be cleaned as required by other provisions of these Specifications before commencement of functional testing. Functional testing shall comprise:

1. Visual and physical check of cables, circuit breakers, transformers and connections associated with each item of new and modified equipment.
2. Circuit breakers that have adjustable time or pick-up settings for ground current, instantaneous overcurrent, short-time overcurrent, or long-time overcurrent, shall be field-adjusted by a representative of the circuit breaker manufacturer. Setting shall be tabulated and proven for each circuit breaker in its installed position. Test results shall be certified by the person performing the tests and be transmitted to the ENGINEER.

G. Complete ground testing of grounding electrodes per requirements prior to operating the equipment.

H. Subsystem testing shall occur after the proper operation of alarm and status contacts has been demonstrated or otherwise accepted by the ENGINEER and after process control devices have been adjusted as accurately as possible. It is intended that the CONTRACTOR will adjust limit switches and level switches to their operating points prior to testing and will set pressure switches, flow switches, and timing relays as dictated by operating results.

I. After initial settings have been completed, each subsystem shall be operated in the manual mode and it shall be demonstrated that operation is in compliance with the Contract Documents. Once the manual mode of operation has been proven, automatic operation shall be demonstrated through coordination with the Owner's System Integrator to verify such items as proper start and stop sequence of pumps, proper operation of valves, proper speed control, etc.

J. Motor operated valves shall be tested after having been phased and tested for correct motor rotation and after travel and torque limit switches have been adjusted by a representative of the valve manufacturer. Tests shall verify status indication, proper valve travel, and correct command control from local and remote devices.

1.9 DEMOLITION AND RELATED WORK

A. The CONTRACTOR shall perform electrical demolition WORK as indicated on the electrical drawings and in parts of this Specification Section. The CONTRACTOR is cautioned that demolition WORK may also be indicated on non-electrical drawings. Coordinate electrical de-energization, disconnection, and removal with all trades and the overall sequence of construction.

B. Electrical requirements associated with removed equipment shall be:

1. Provide temporary system to maintain normal lift station operations or coordinate scheduled shutdown with the OWNER.
2. Remove power, control and signal wiring as indicated.
3. Remove all abandoned exposed raceways.
4. Encased conduits shall be cut flush to the floor and be grouted.
5. Remove control panels, switchgear, transfer switches, etc. scheduled for demolition.
6. Remove all demolished cables, level floats, fittings, boxes, etc.
7. Remove remote mounted status lights and switches where indicated on the drawings, and blank off openings in existing panels with field-fabricated stainless steel plates. Plates shall be attached with stainless steel finish screws.
8. Restore all areas of demolition to better or equal condition as the existing.

C. Where new lighting, receptacles and signal devices/equipment are to be installed, existing lighting, receptacles, devices/equipment, and wiring shall be removed. Existing conduits shall be reused when in a condition acceptable to the OWNER.

D. Where raceways to be reused or extended and terminated in a new junction box, the junction box shall have a NEMA rating in accordance with the area in which it is located and shall be sized as required.

E. Materials and equipment not indicated to be removed and returned to the OWNER shall, upon removal, become the CONTRACTOR's property and shall be disposed of off-site.

F. Material and equipment indicated to be relocated or reused shall be removed, relocated, and reinstalled with care to prevent damage thereto.

G. Materials indicated to be returned to the OWNER shall be placed in boxes with the contents clearly marked and be stored at a location determined by the ENGINEER.

H. Where panelboards or motor starting equipment are indicated to have existing circuits removed and replaced, the panel shall have a new engraved phenolic nameplate worded as indicated, and the panelboards shall have new typed schedules modified to indicate the revised circuits. Pencil or magic marker markings directly on the panelboard breaker are not permitted.

1.10 CONSTRUCTION SEQUENCING

A. Continuance of facility operation during demolition and construction is critical at this facility. Therefore, the CONTRACTOR shall carefully examine all work to be done in, on, or adjacent to existing equipment. Work shall be scheduled, subject to the OWNER's approval, to minimize required process or equipment shutdown time. The CONTRACTOR shall submit a written request including sequence and duration of activities to be performed prior to any facility shutdown.

B. All switching, safety tagging, etc., required for process or equipment shutdown or to isolate existing equipment shall be performed by the CONTRACTOR. In no case shall the CONTRACTOR begin any work in, on, or adjacent to existing facility without written authorization by the OWNER or the ENGINEER.

C. The CONTRACTOR shall make all modifications or alterations to existing electrical facilities required to successfully install and integrate the new electrical equipment as indicated on the contract documents. Modifications to existing equipment, panels, or cabinets shall be made in a professional manner with all coatings repaired to match existing. The CONTRACTOR is responsible for ensuring all panels and equipment are UL-listed. The costs for modifications (including UL listing) to existing electrical facilities required for a complete and operating system shall be included in the CONTRACTOR's original Bid amount and no additional payment for this WORK will be authorized.

D. Extreme caution shall be exercised by the CONTRACTOR in order not to damage existing utilities. Cost of repairs of damages caused during construction shall be the CONTRACTOR's responsibility without any additional compensation from the OWNER.

E. The CONTRACTOR shall be responsible for identifying existing circuit breakers in panelboards currently in-use and replacing with new as required by the contract documents. The CONTRACTOR shall also be responsible for field-verifying the

available space in panelboards to integrate new circuit breakers. Costs for this WORK shall be included in the CONTRACTOR's original Bid amount.

F. The CONTRACTOR is advised to visit the Site before submitting a Bid to better familiarize themselves with the existing conditions pertaining to the WORK of this Contract. Lack of knowledge will not be accepted as a reason for granting extra compensation to perform the WORK.

1.11 INSTALLATION OF NEW EQUIPMENT:

A. The CONTRACTOR will install and terminate the new panelboards, control panels, junction boxes, conduits, cables, and instruments, etc. in accordance with the agreed schedule. The CONTRACTOR shall provide a list, daily, of the points that are ready for service as they are connected, calibrated, and tested. The CONTRACTOR shall only connect to equipment that is new or is out of service.

B. The recommended construction sequence is as follows:

1. Provide temporary power and control provisions.
2. Install new control panels and instruments.
3. Install new raceways between new control panels and equipment.
4. Install all new wiring as specified.
5. Remove all demolition items and make good all surfaces before applying appropriate surface finish and paint.
6. Complete wiring modifications to existing equipment.
7. Allowable down time requirements: The CONTRACTOR shall minimize the amount of time a facility is out of service. All outages shall be scheduled with the OWNER or ENGINEER a minimum of two (2) days prior to outage. Scheduled outages shall last no longer than two (2) hours.
8. The OWNER shall take beneficial occupancy of each facility as the WORK is signed off.

PART 2 -- PRODUCTS

2.1 GENERAL

A. Equipment and materials shall be new, shall be listed by UL, and shall bear the UL label where UL requirements apply. Equipment and materials shall be the products of experienced and reputable manufacturers in the industry. Similar items in the WORK shall be products of the same manufacturer. Equipment and materials shall be of industrial grade standard of construction.

B. Where a NEMA enclosure type is indicated in a non-hazardous location, the CONTRACTOR shall utilize that type of enclosure, despite the fact that certain modifications, such as cutouts for control devices, may negate the NEMA rating.

C. On devices indicated to display dates, the year shall be displayed as 4 digits.

2.2 MOUNTING HARDWARE

A. Miscellaneous Hardware:

1. Hot-dipped galvanized nuts, bolts and washers may be used with galvanized rigid conduit (GRC) and enclosures.
2. Hot-dipped galvanized hardware may be used with GRC.
3. Strut for mounting of raceways and equipment shall be galvanized or stainless steel as required by the area classification. Where contact with concrete or dissimilar metals may cause galvanic corrosion, suitable non-metallic insulators shall be utilized to prevent such corrosion. Strut shall be as manufactured by **Unistrut, B-Line,** or equal.
4. Anchors for attaching equipment to concrete walls, floors and ceilings shall be stainless steel expansion anchors, such as **"Rawl-Bolt," "Rawl-Stud"** or **"Lok-Bolt"** as manufactured by **Rawl**; similar by **Star**, or equal. Wood plugs shall not be used.

2.3 ELECTRICAL IDENTIFICATION

A. Nameplates: Nameplates shall be fabricated from white-letter, black-face laminated plastic engraving stock, **Formica type ES-1**, or equal. Each shall be fastened securely, using fasteners of brass, cadmium-plated steel, or stainless steel, screwed into inserts or tapped holes, as required. Engraved characters shall be block style, with no characters smaller than 1/8-inch in height, unless otherwise noted.

B. Conductor and Equipment Identification: Conductor and equipment identification devices shall be heat-shrink plastic tubing with machine printing. Lettering shall read from left to right and shall face toward the front of the panel.

PART 3 -- EXECUTION

3.1 GENERAL

A. Incidentals: The CONTRACTOR shall provide all materials and incidentals required for a complete and operable system, even if not required explicitly by the contract documents. Typical incidentals are terminal lugs not furnished with vendor-supplied equipment, compression connectors for cables, splices, junction and terminal boxes, and control wiring required by vendor-furnished equipment to connect with other equipment indicated in the Contract Documents.

B. Field Control of Location and Arrangement: The Drawings diagrammatically indicate the desired location and arrangement of outlets, conduit runs, equipment, and other items. Exact locations shall be determined by the CONTRACTOR in the field, based on the physical size and arrangement of equipment, finished elevations, and other obstructions. Locations on the Drawings, however, shall be followed as closely as possible.

1. Where raceway development drawings, or "home runs," are shown, the CONTRACTOR shall route the raceways in accordance with the indicated installation requirements.

2. Conduit and equipment shall be installed in such a manner as to avoid all obstructions and to preserve headroom and keep openings and passageways clear. Lighting fixtures, switches, convenience outlets, and similar items shall be located within finished rooms as indicated. Where the Drawings do not indicate exact locations, the ENGINEER shall determine such locations. If equipment is installed without instruction and must be moved, it shall be moved without additional cost to the OWNER. Lighting fixture locations shall be adjusted slightly to avoid obstructions and to minimize shadows.
3. Wherever raceways and wiring for lighting and receptacles are not indicated, it shall be the CONTRACTOR's responsibility to provide all lighting and receptacle-related conduits and wiring as required, based on the actual installed fixture layout and the circuit designations as indicated. Wiring shall be #12 AWG minimum, and conduits shall be 3/4-inch minimum, unless otherwise indicated. Where circuits are combined in the same raceway, the CONTRACTOR shall de-rate conductor ampacities in accordance with NEC requirements.

C. Workmanship: Materials and equipment shall be installed in strict accordance with printed recommendations of the manufacturer. Installation shall be accomplished by workers skilled in the work. Installation shall be coordinated in the field with other trades to avoid interferences.

D. Protection of Equipment and Materials: The CONTRACTOR shall fully protect materials and equipment against damage from any cause. Materials and equipment, both in storage and during construction, shall be covered in such a manner that no finished surfaces will be damaged, marred, or splattered with water, foam, plaster, or paint. Moving parts shall be kept clean and dry. The CONTRACTOR shall replace or refinish damaged materials or equipment, including faceplates of panels and switchboard sections, as part of the WORK.

E. Incoming utility power equipment shall be provided in conformance with the utility's requirements.

3.2 CORE DRILLING

A. The CONTRACTOR shall perform core drilling required for installation of raceways through concrete walls, floors and handholes. Locations of floor penetrations, as may be required, shall be based on field conditions. Verify all exact core drilling locations based on equipment actually furnished, as well as exact field placement. To the extent possible, identify the existence and locations of encased raceways and other piping in existing walls and floors with the OWNER prior to any core drilling activities. Damage to any encased conduits, wiring, and piping shall be repaired as part of the WORK.

B. All penetrations required to extend raceways through concrete walls, roofs, and floors or masonry walls shall be core drilled.

3.3 EQUIPMENT ANCHORING

A. Floor supported, wall-, or ceiling-hung equipment and conductors shall be anchored in place by methods that will meet seismic requirements in the area where the project is located. Wall-mounted panels that weigh more than 500 pounds, or which are within 18

inches of the floor, shall be provided with fabricated steel (stainless steel in designated areas) support pedestals. If the supported equipment is a panel or cabinet enclosed within removable side plates, it shall match supported equipment in physical appearance and dimensions. Transformers hung from 4-inch stud walls and weighing more than 300 pounds shall have auxiliary floor supports.

B. Anchoring methods and leveling criteria in the printed recommendations of the equipment manufacturers are a part of the WORK of this Contract. Such recommendations shall be submitted as Shop Drawings under Section 01 33 00.

C. Panels, raceways, and other equipment shall be anchored and supported for Seismic requirements.

3.4 EQUIPMENT IDENTIFICATION

A. General: Equipment and devices shall be identified as follows:

1. Nameplates shall be provided for all switchboards, panelboards, control and instrumentation panels, starters, switches, and pushbutton stations. In addition to nameplates, control devices shall be equipped with standard collar-type legend plates.
2. Control devices within enclosures shall be identified as indicated. Identification shall be similar to the subparagraph above.
3. Equipment names and tag numbers, where indicated on the Drawings, shall be utilized on all nameplates.
4. The CONTRACTOR shall furnish typewritten circuit directories for panelboards; circuit directory shall accurately reflect the equipment connected to each circuit.

3.5 CLEANING

A. Before final acceptance, the electrical WORK shall be thoroughly cleaned. Exposed parts shall be thoroughly clean of cement, plaster, and other materials. Oil and grease spots shall be removed with a non-flammable cleaning solvent. Such surfaces shall be carefully wiped, and all cracks and corners cleaned out. Touch-up paint shall be applied to scratches on panels and cabinets. Electrical cabinets or enclosures shall be vacuum cleaned.

B. CONTRACTOR shall group, coil, and tie wrap all spare cables at the bottom of the Local Control Panels. The wires shall be grouped according to the device, control panel, or MCC section they originate from. Cable groups shall be tagged according to their point of origin.

C. All debris shall be removed from the void below the panels.

3.6 CONTROL PANEL WIRING

A. The CONTRACTOR shall ensure all panels are UL-listed upon completion of the WORK.

-END OF SECTION-

SECTION 26 05 19 - WIRE AND CABLES

PART 1 -- GENERAL

1.1 THE REQUIREMENT

A. The CONTRACTOR shall provide wires and cable, complete and operable, in accordance with the Contract Documents.

1.2 CONTRACTOR SUBMITTALS

A. The CONTRACTOR shall submit Shop Drawings in accordance with Division 01 and 26 00 00 – ELECTRICAL WORK, GENERAL.

PART 2 -- PRODUCTS

2.1 GENERAL

A. Conductors, including grounding conductors, shall be copper. Aluminum conductor wire and cable will not be permitted. Insulation shall bear the label of Underwriters' Laboratories, Inc. (UL), the manufacturer's trademark, and identify the type, voltage, and conductor size. All conductors except flexible cords and cables, fixture wires, and conductors that form an integral part of equipment, such as motors and controllers, shall conform to the requirements of Article 310 of the National Electric Code, latest edition, for current carrying capacity. Flexible cords and cables shall conform to Article 400, and fixture wires shall conform to Article 402. Wiring shall have wire markers at each end.

2.2 LOW VOLTAGE WIRE AND CABLE

A. Power and Lighting Wire

1 Power and lighting wire shall be No. 12 copper AWG minimum size.

2 Wire rated for 600 volts in duct or conduit for all power shall be:

a In above grade interior locations: XHHW-2

b In exterior, underground and below grade installations: XHHW-2

3 Wiring for 600-volt class power and lighting shall be as manufactured by **General Cable**, **Okonite**, **Rome Cable** or equal.

B. Control Wire

1 Control wire in duct or conduit shall be the same type as power and lighting wire indicated above.

2 Control wiring shall be: No.14, 19-strand copper AWG.

C. Instrumentation Cable

1 Instrumentation cable shall be rated at 600 volts.

2 Individual conductors shall be No. 18 AWG stranded, tinned copper. Insulation shall be color-coded polyethylene: black-red for two-conductor cable, and black-red-white for three-conductor cable.

3 Instrumentation cables shall be composed of the individual conductors, an aluminum polyester foil shield, a No. 18 AWG stranded, tinned copper drain wire, and a PVC outer jacket with a thickness of 0.048-inches.

4 Single pair, No. 18 AWG, twisted, shielded cable shall be **Belden Part No. 9341**, or equal.

5 Single triad, No. 16 AWG, twisted, shielded cable shall be **Belden Part No. 1119A**, or equal.

D. Multi-pair Control Cable – Multi-pair control cable shall be 6-pair, 600V, No. 16 AWG, twisted, shielded, direct burial rated **Belden Part No. 1040A**, or equal.

E. Cat 6 Cable: Cat 6 patch cable shall be 4-pair 24-gauge twisted pair rated to TIA/EIA 568-C.2 Category 6 and UL-listed. The CONTRACTOR shall install RJ-45 connectors as required.

2.3 CABLE TERMINATIONS

A. Pre-insulated, pressure type, twist-on connectors for conductors #10 AWG and smaller shall be 3M Company "Scotchlok" or Ideal Industries, Inc. "Super Nut" or equal.

B. Compression connectors shall be **Burndy "Hi Lug", Thomas & Betts "Sta-Kon,"** or equal. Threaded connectors shall be split bolt type of high strength copper alloy.

C. Pre-insulated fork tongue lugs shall be **Thomas & Betts, Burndy**, or equal.

D. General purpose insulating tape shall be **Scotch No. 33, Plymouth "Slip-knot,"** or equal. High temperature tape shall be polyvinyl as manufactured by **Plymouth, 3M**, or equal.

E. Labels for coding 600-volt wiring shall be heat-shrink plastic tubing type with machine print. Lettering shall read from left to right and face the front of the panel. Field wires terminating at a Control Panel shall be labeled with the wire number shown on the Control Panel wiring diagrams. The CONTRACTOR shall mark all as-built drawings with wire labels.

PART 3 -- EXECUTION

3.1 GENERAL

A. The CONTRACTOR shall provide and terminate all power, control, and instrumentation conductors, except where indicated.

3.2 INSTALLATION

A. Conductors for feeders as defined in Article 100 of the NEC shall be sized to prevent a voltage drop exceeding 2 percent at the farthest point of power distribution, and where the maximum total voltage drop on both feeders and branch circuits to the farthest connected load does not exceed 5 percent.

B. Conductors for branch circuits as defined in Article 100 of the NEC, shall be sized to prevent a voltage drop exceeding 3 percent at the farthest connected load or combinations of such loads, and where the maximum total voltage drop on both feeders and branch circuits to the farthest connected load does not exceed 5 percent.

C. Conductors shall not be pulled into raceway until raceway has been cleared of moisture and debris.

D. Pulling tensions on raceway cables shall be within the limits recommended by the cable manufacturer. Wire pulling lubricant, where needed, shall be UL-approved for the cables/wires being pulled.

E. The following wiring shall be run in separate raceways:

1 24 VDC discrete signal and instrument power supply.

2 4-20 mA analog signal.

3 All AC circuits.

4 Intrinsically safe circuits.

F. Wire in panels, cabinets, and wireways shall be neatly grouped using nylon tie straps and shall be fanned out to terminals.

3.3 SPLICES AND TERMINATIONS

A. General

1 No splicing or taps will be permitted in either feeder or branch circuits except at outlet or accessible junction boxes. Utilize compression type solderless connectors when making splices or taps in conductors # 8 AWG or larger. Utilize pre-insulated connectors, 3M Company “Scotchlok" or Ideal Industries, Inc. "Super Nut" for splices and taps in conductors # 10 AWG and smaller. Tape all splices and joints with Scotch #88 plastic tape to secure insulation strength equal to that of the conductors joined.

2 There shall be no cable splices in underground conduits, manholes or pullboxes.

3 Stranded conductors shall be terminated directly on equipment box lugs, making sure that all conductor strands are confined within the lug. Use forked-tongue lugs where equipment box lugs have not been provided.

4 Excess control and instrumentation wire shall be properly taped and terminated as spares.

B. Control Wire and Cable

1 Control conductors shall be spliced or terminated only on terminal strips in panels or vendor-furnished equipment.

2 In terminal cabinets, junction boxes, motor control centers, and control panels, control wire and spare wire shall be terminated to terminal strips.

C. Instrumentation Wire and Cable

1 Shielded instrumentation cables shall be grounded at one end only, the receiving end (i.e., in the control panel) on a 4-20 mA system.

D. Power Wire and Cable

1 No 120/208-volt, 120/240-volt, and 480/277-volt branch circuit conductors may be spliced unless the CONTRACTOR can convince the ENGINEER that they are essential, and the ENGINEER gives written permission.

3.4 CABLE IDENTIFICATION

A. General: Wires and cables shall be identified for proper control of circuits and equipment and to reduce maintenance effort.

B. Identification Numbers: The CONTRACTOR shall assign to each control and instrumentation wire and cable a unique identification number. Numbers shall be assigned to all conductors having common terminals and shall be shown on "as built" drawings. Identification numbers shall appear within 3 inches of conductor terminals. "Control Conductor" shall be defined as any conductor used for alarm, annunciator, or signal purposes.

1 Multiconductor cable:

a Assign a number that shall be attached to the cable at intermediate pull boxes and at stub-up locations beneath freestanding equipment.

b Cable number shall form a part of the individual wire number.

c Individual control conductors and instrumentation cable shall be identified at pull points as described above.

d The instrumentation cable numbers shall incorporate the loop numbers assigned in the Contract Documents.

2 All 120/208-volt system feeder cables and branch circuit conductors shall be color-coded as follows:

a Phase A - Black

b Phase B - Red

c Phase C - Blue

d Neutral - White

3 The 120/240-volt system conductors shall be color-coded as follows:

a Line 1 - Black

b Line 2 - Red

c Neutral - White

4 The 480/277-volt system conductors shall be color-coded as follows:

a Phase A - Brown

b Phase B - Orange

c Phase C - Yellow

d Neutral - Gray

5 Color-coding tape shall be used where colored insulation is not available.

a Branch circuit switch shall be Yellow.

b Insulated ground wire shall be Green.

c Neutral shall be White or Gray as indicated above.

6 Color coding and phasing shall be consistent throughout the Site, bus bars at panelboards, switchboards, and motor control centers shall be connected Phase A-B-C, top to bottom, or left to right, facing connecting lugs.

7 General purpose AC control cables shall be Red.

8 General purpose DC control cables shall be Blue.

9 Spare cable shall be terminated on terminal screws and shall be identified with a unique number as well as with destination.

10 Terminal strips shall be identified by computer-printable, cloth, self-sticking marker strips attached under the terminal strip.

3.5 TESTING

A. Cable Assembly and Testing: Cable assembly and testing shall comply with applicable requirements of ICEA Publication No. S-68-516 - Ethylene-Propylene-Rubber Insulated

Wire and Cable for the Transmission and Distribution of Electrical Energy. Factory test results shall be submitted in accordance with Section 013000 – Contractor Submittals, prior to shipment of cable. The following field tests shall be the minimum requirements:

1 Power cable rated at 600 volts shall be tested with a 1000-volt megohm meter for insulation resistance between phases and from each phase to a ground using a megohmeter. Tests shall be performed on all feeders as well as branch circuits serving motors or major pieces of equipment.

2 Field testing shall be done after cables are installed in the raceways.

3 Field tests shall be performed by a certified test organization acceptable to the cable manufacturer. Test results shall be submitted to the ENGINEER for review and acceptance.

4 Cables showing less than 100 megohm resistance shall be replaced with a new cable or be repaired. Repair methods shall be as recommended by the cable manufacturer and shall be performed by persons certified by the industry.

B. Continuity Test: Control and instrumentation cables shall be tested for continuity, polarity, undesirable ground, and origination. Such tests shall be performed after installation and prior to placing all wires and cables in service.

-END OF SECTION-

SECTION 26 05 26 - GROUNDING

PART 1 -- GENERAL

1.1 THE REQUIREMENT

A. The CONTRACTOR shall provide the electrical grounding system, complete and operable, in accordance with the Contract Documents.

B. The requirements of Section 26 00 00 – ELECTRICAL WORK, GENERAL apply to this Section.

C. Single Manufacturer: Like products shall be the end product of one manufacturer in order to achieve standardization of appearance, operation, maintenance, spare parts and manufacturer's services.

1.2 CONTRACTOR SUBMITTALS

A. Furnish submittals in accordance with Division 01 and Section 26 00 00 – ELECTRICAL WORK, GENERAL.

B. Shop Drawings: Manufacturer's product information for connections, clamps, and grounding system components, showing compliance with the requirements of this Section.

PART 2 -- PRODUCTS

2.1 GENERAL

A. Components of the grounding electrode system shall be manufactured in accordance with ANSI/UL 467 - Standard for Safety Grounding and Bonding Equipment and shall conform to the applicable requirements of National Electrical Code Article 250 and local codes.

2.2 GROUNDING SYSTEM

A. Grounding loop conductors shall be bare annealed copper conductors suitable for direct burial. Conductors shall be No. 2/0 for 100A services, or No. 4/0 for all other service sizes, unless indicated otherwise.

B. Ground Rods

1 Unless indicated otherwise, ground rods shall be a minimum of 3/4-inch in diameter, 10 feet long, and have a uniform covering of electrolytic copper metallically bonded to a rigid steel core. The copper to steel bond shall be corrosion resistant.

2 Conform to ANSI/UL 467.

3 Sectional type joined by threaded copper alloy couplings.

C. Buried cable-to-cable and cable-to-ground rod connections shall be made using exothermic welds by **Cadweld, Enrico Products**, or equal.

D. Exposed grounding connectors shall be of the compression type (connector to cable), made of high copper alloy, and be manufactured specifically for the particular grounding application. The connectors shall be **Burndy, O.Z. Gedney**, or equal.

E. Grounding clamps shall be used to bond each separately derived system to the grounding electrode conductors.

F. Equipment Grounding Circuit Conductors

1 These conductors shall be the same type and insulation as the load circuit conductors. The minimum size shall be as outlined in Table 250.122 of the National Electrical Code, unless indicated otherwise.

2 Metallic conduit systems shall have equipment grounding wires as well as being equipment grounding conductors themselves.

G. Ground clamps in concrete shall be rated for use with rebar and embedded in concrete.

H. Manufacturers of grounding materials shall be **Copperweld, Blackburn, Burndy**, or equal.

PART 3 -- EXECUTION

3.1 GROUNDING

A. Provide a separate grounding conductor, securely grounded in each raceway independent of raceway material.

B. Provide a separate grounding conductor for each motor and connect at motor box. Do not use bolts securing motor box to frame or cover for grounding connectors.

C. Size in accordance with the NEC-Article 250 and local amendments.

D. Route conductors inside raceway.

E. Provide a green insulated wire as grounding jumper from the ground screw to a box grounding screw and, for grounding type devices, to equipment grounding conductor.

F. Provide a separate grounding conductor in each individual raceway for parallel feeders.

G. Bond metallic cold water pipe systems and metallic building structure per NEC. Bond ALL metallic water pipe penetrations.

H. Measure ground impedance in accordance with IEEE STD 81 after installation but before connecting the electrode to the remaining grounding system.

I. Low Voltage Grounded System (600-volt or less): A low voltage grounded system is a system where the local power supply is a transformer with the transformer secondary grounded.

1 Grounding system connections for a premises wired system supplied by a grounded AC service shall have a grounding electrode connector connected to the grounded service conductor at each service, in accordance with the NEC.

2 The grounded circuit conductor shall not be used for grounding non-current carrying parts of equipment, raceways, and other enclosures except where specifically listed and permitted by the NEC.

J. Embedded Ground Connections

1 Underground and grounding connections embedded in concrete shall be UL listed compression type ground grid connectors.

2 The connection shall be made in accordance with the manufacturer's instructions.

3 The CONTRACTOR shall not conceal or cover any ground connections until the ENGINEER or authorized representative has established that every grounding connection conforms to the Contract Documents and has given the CONTRACTOR written confirmation.

K. Ground Rods

1 Locations shall be as determined in the field.

2 Rods forming an individual ground array shall be equal in length.

3 Rod spacing shall be a minimum of the rod length.

L. Shield Grounding

1 Shielded instrumentation cable shall have its shield grounded at one end only unless Shop Drawings indicate the shield will be grounded at both ends.

2 The grounding point shall be at the control panel or otherwise at the receiving end of the signal carried by the cable.

3 Termination of shield drain wire shall be on its own terminal screw.

4 Terminal screws shall be jumpered together using manufactured terminal block jumpers.

5 Connection to the ground bus shall be via a minimum green No. 12 conductor to the main ground bus for the panel.

-END OF SECTION-

SECTION 26 05 33 - ELECTRICAL RACEWAY SYSTEMS

PART 1 -- GENERAL

1.1 THE REQUIREMENT

A. The CONTRACTOR shall provide electrical raceway systems, complete and in place, in accordance with the Contract Documents.

B. In addition to NEC requirements provide an equipment grounding conductor run with or enclosing the circuit conductors in all raceways. The equipment grounding conductor shall be one or more or a combination of the following:

1. A copper, or copper-clad aluminum conductor.

2. This conductor shall be solid or stranded; insulated, covered, or bare; and in the form of a wire or a bus bar of any shape.

1.2 DEFINITIONS

A. Raceway System – raceway system consists of conduits, wireways, fittings, junction and pull boxes, supports and labels complete and ready for conductors.

PART 2 -- PRODUCTS

2.1 GENERAL

A. Conduits, wireways, fittings, supports, labels, junction and pull boxes, and other indicated enclosures which are dedicated to the raceway system, shall comply with the requirements of this Section.

2.2 CONDUIT

A. Galvanized Rigid Steel Conduit (GRC)

1. Rigid steel conduit shall be mild steel, hot-dip galvanized inside and out.

2. Rigid steel conduit shall be manufactured in accordance with ANSI C80.1 - Rigid Steel Conduit, Zinc Coated, and UL-6.

3. Manufacturers, or Equal

4. LTV Steel;

5. Triangle;

6. Wheatland Tube.

7. GRC shall be used in damp, wet or exterior exposed locations and in process areas.

B. Liquidtight Flexible Conduit (LFMC)

1. Liquidtight flexible conduit (LFMC) shall be constructed of a flexible galvanized metal core with a sunlight-resistant thermoplastic outer jacket.

2. LFMC shall be manufactured in accordance with UL-360 - Steel Conduits, Liquid-Tight Flexible.

3. Manufacturers, or Equal

4. Anaconda, "Sealtite";

5. Electriflex, "Liquatite".

C. Electrical Metallic Tubing (EMT)

1. Electrical metallic tubing shall be mild steel, hot-dip galvanized tubing complying with ANSI C80.3 and Fed.Spec. WWC-563 and shall be UL listed.

2. Elbows, bends, and fittings shall be made from full weight materials complying with the above and shall be coated the same as electrical metallic tubing.

3. EMT connectors and couplings shall be compression type with insulated throat. Set screw type not allowed. Fittings shall comply with UL514B.

4. Electrical metallic tubing shall be 3/4-inch trade size or larger and shall be manufactured by Allied Tube and Conduit Corp., Triangle PWC, Inc., or approved equal.

5. EMT conduit may be used in dry interior, non-process locations only including the generator room.

2.3 FITTINGS AND BOXES

A. General:

1. Fittings and boxes shall follow the conduit type of which they are installed with: PVC-Coated Fittings and Boxes or stainless steel boxes shall be used with PVC-Coated GRC; galvanized malleable iron Fittings and Boxes shall be used with GRC. Pressed or stamped steel boxes shall be used with EMT.

2. Cast and malleable iron fittings for use with metallic conduit shall be the threaded type with 5 full threads.

3. Fittings and boxes shall have neoprene gaskets and non-magnetic stainless-steel screws. All covers shall be attached by means of holes tapped into the body of the fitting. Covers for fittings attached by means of clips or clamps will not be acceptable.

4. Non-explosion-proof boxes larger than standard cast or malleable types shall be 304 stainless steel, NEMA 4X.

5. Boxes larger than standard cast or malleable types shall be 304 stainless steel, NEMA 4X.

6. In outdoor areas, raceways shall be terminated in raintight hubs as manufactured by **Myers, O.Z. Gedney**, or equal. In other than outdoor areas, sealed locknuts and bushings shall be used.

7. Fittings and boxes in hazardous locations shall be suitable for the Class and Division indicated or required by code.

B. Cast Aluminum Fittings and Boxes

1. Cast aluminum boxes and fittings shall have less than 0.40 percent copper content.

2. Manufacturers, or Equal

3. O.Z. Gedney;

4. Appleton;

5. Crouse-Hinds.

C. Malleable Iron Fittings and Boxes

1. Fittings and boxes for use with galvanized steel conduit shall be of malleable iron or gray-iron alloy with zinc plating with same finish as the conduit.

2. Manufacturers, or Equal

3. O.Z. Gedney;

4. Crouse-Hinds;

5. Appleton.

D. PVC-Coated Fittings and Boxes

1. Fittings and boxes for use with PVC-coated GRC shall be PVC-coated and shall be products of the same manufacturer as the conduit.

2. Fittings used for LFMC and PVC-coated systems are to be PVC-coated.

E. Stainless Steel Boxes

1. Stainless steel boxes shall be used with PVC-coated GRC raceway systems and where indicated on the Drawings.

2. Stainless steel boxes shall be NEMA 4X, Type 304.

3. Stainless steel shall be a minimum 14-gauge thickness, with a brushed finish.

4. Doors shall have full-length stainless steel piano hinges. Non-hinged boxes are not acceptable.

5. Manufacturers, or Equal

6. Hoffman;

7. Rohn;

8. Hammond.

2.4 CABLE TRAYS

A. Cable trays are not to be used.

PART 3 -- EXECUTION

3.1 GENERAL

A. All wiring shall be run in raceway unless indicated otherwise.

B. Raceways shall be installed between equipment as indicated. Raceway systems shall be electrically and mechanically complete before conductors are installed. Bends and offsets shall be smooth and symmetrical and shall be accomplished with tools designed for this purpose. Field bends are required on conduits up to 2". Factory elbows may be utilized on raceways over 2". All fittings and connections shall be made tight.

C. Separate raceway systems shall be provided for:

1. Analog signals

2. 24 VDC discrete signals and instrument power supply conductors

3. 120 VAC and higher wiring

4. Intrinsically safe wiring

D. When non-loop powered instruments have only one raceway port, the CONTRACTOR may run both the analog and 24 VDC wiring in a short length of ½" LFMC to a splitter box where the wiring must then be separated into the required raceway system. The length of LFMC must be kept to the absolute minimum and must not exceed 3 feet unless written approval has been given by the ENGINEER.

E. Where raceway routings are indicated on plan views, follow those routings to the extent possible.

F. Routings shall be adjusted to avoid obstructions. Coordinate between trades prior to installation of raceways. Lack of such coordination shall not be justification for extra compensation, and removal and re-installation to resolve conflicts shall be by the CONTRACTOR as part of the WORK.

G. Support rod attachment for ceiling-hung trapeze installations shall meet the seismic requirements.

H. Exposed raceways shall be installed parallel or perpendicular to structural beams.

I. Install expansion fittings with bonding jumpers wherever raceways cross building expansion joints.

J. Exposed raceways shall be installed at least 1/2-inch from walls or ceilings except that at locations above finished grade where damp conditions do not prevail, exposed raceways shall be installed 1/4-inch minimum from the face of walls or ceilings by the use of clamp backs or struts.

K. In underground facilities or NEMA 4X areas, all raceway penetrations in panels shall be bottom entry.

L. Wherever contact with concrete or dissimilar metals can produce galvanic corrosion of equipment, suitable insulating means shall be provided to prevent such corrosion.

M. To facilitate future expansion, boxes and fittings are to be installed when indicated on the drawings. Unused hubs are to be plugged with proprietary devices. Raceways that include future expansion provision are to be sized to accommodate any such specified wiring without exceeding the requirements of this specification.

N. The maximum allowable conduit fill for instrumentation and control wiring is given by the following table:

Conduit Diameter	No. of 14-Gauge Wires	No. of 18-Gauge TWS
3/4”	8	2
1”	16	4
1-1/4”	32	7
1-1/2”	48	10
2”	72	17

O. Note: No instrumentation or control wiring conduit is to be larger than 2 inches in diameter.

3.2 RACEWAYS

A. Exposed raceway systems shall be of the type specified for the area installed as identified herein.

B. Raceways concealed or encased in concrete shall be PVC-coated GRC. Conduit shall emerge from the concrete perpendicular to the surface whenever possible.

C. Exposed conduit shall be 3/4-inch minimum trade size. Supports shall be installed at distances required by the NEC.

D. Conduit shall not be encased in the bottom floor slab below grade.

E. Concrete cover for conduit and fittings shall not be less than 1-1/2 inches for concrete exposed to earth or weather, or less than 3/4-inch for concrete not exposed to weather or in contact with the ground.

F. Raceways passing through a slab, wall, or beam shall not significantly impair the strength of the construction.

G. Raceways embedded within a slab, wall, or beam (other than those merely passing through) shall satisfy the following:

1. Conduits with their fittings embedded within a column shall not displace more than 4 percent of the gross area of cross section.

2. Conduits shall not be larger in outside dimension than one third the overall thickness of slab, wall, or beam in which embedded.

3. Raceways shall not be spaced closer than 3 outside diameters on centers.

H. Raceways shall be placed so that cutting, bending, or displacing reinforcement from its proper location will not be required.

I. Threads shall be coated with a conductive lubricant before assembly.

J. Joints shall be tight, thoroughly grounded, secure, and free of obstructions in the pipe. Conduit shall be adequately reamed to prevent damage to the wires and cables inside. Strap wrenches and vises shall be used to install conduit to prevent wrench marks on conduit. Conduit with wrench marks shall be replaced.

K. Wherever raceways enter substructures below grade, the raceways shall be sloped to drain water away from the structure. Extreme care shall be taken to avoid pockets or depressions in raceways.

L. Connections to motors and other equipment subject to vibration shall be made with LFMC not exceeding 3-feet in length. Equipment subject to vibration that is normally provided with wiring leads shall be provided with a cast junction box for the make-up of connections. The junction box is to be independently supported and not left free to hang from the equipment.

M. Raceways passing through walls or floors shall have plastic sleeves. Core drilling shall be performed in accordance with Section 26 00 00.

N. Conduit, fittings, and boxes required in hazardous classified areas shall be suitably rated for the area and shall be provided in strict accordance with NEC requirements.

O. Empty raceways shall be tagged at both ends to indicate the final destination. Where it is not possible to tag the raceway, destination shall be identified by a durable marking on

an adjacent surface. A pull-cord shall also be installed in each empty conduit. This shall apply to conduits in floors, panels, manholes, equipment, etc.

P. Where an underground raceway enters a structure through a concrete roof or a membrane waterproofed wall or floor, core-drill the entrance and provide a Link-Seal, or equal, sealing device. The sealing device shall be utilized with PVC-coated GRC/rigid steel conduit.

Q. Final connections to heaters, instruments, motors, limit switches, and any equipment subject to vibration shall be made with LFMC and approved fittings. Maximum length of LFMC shall be 3 feet.

R. Connections to solenoid valves, pilot actuators, and flood sensors shall be made with LFMC and approved fittings to a cast box with screw cover (GUA type), independently and securely supported. In no case is the device to support the cast box.

3.3 CABLE TRAYS

A. Cable trays are not to be used.

-END OF SECTION-

SECTION 26 27 26 - WIRING DEVICES

PART 1 -- GENERAL

1.1 THE REQUIREMENT

A. The CONTRACTOR shall provide all wiring devices, plates, and nameplates in accordance with the Contract Documents.

B. The requirements of Section 26 00 00 – Electrical General Requirements apply to this Section.

C. Single Manufacturer: Like products shall be the end product of one manufacturer in order to achieve standardization of appearance, operation, maintenance, spare parts, and manufacturer's services.

1.2 CONTRACTOR SUBMITTALS

A. Furnish submittals in accordance with Section 01 33 00.

B. Shop Drawings

1. Complete catalog cuts of switches, receptacles, enclosures, covers, and appurtenances, marked to clearly identify proposed materials.

2. Documentation showing that proposed materials comply with the requirements of NEC and UL.

3. Documentation of the manufacturer's qualifications.

PART 2 -- PRODUCTS

2.1 GENERAL

A. All devices shall carry the UL label.

B. General purpose duplex receptacles and toggle switch handles shall be brown everywhere except in finished rooms where they shall be ivory. Special purpose receptacles shall have a body color as indicated. Receptacles and switches shall conform to Federal Specifications W-C-596E and W-S-896E, respectively.

2.2 LIGHTING SWITCHES

A. Local branch switches shall be toggle type, rated at 20 amps, 120-277 VAC, and shall be **General Electric Cat. No. GE-5951-1** for single pole, **GE-5953-1** for 3-way and **GE-5954-1** for 4-way, or similar types as manufactured by **Hubbell**, or equal.

2.3 GENERAL PURPOSE RECEPTACLES

A. Duplex receptacles rated 120-volt, 20 amps shall be polarized 3-wire type for use with 3-wire cord with grounded lead and 1 designated stud shall be permanently grounded to the conduit system (NEMA 5-20R). Duplex 120-volt receptacles shall be **G.E. 5362,**

Hubbell 5362, or equal. Simplex receptacles shall be **G.E. 4102, Hubbell 4102**, or equal.

B. Ground-fault circuit interrupting receptacles (GFCI's) shall be installed at the locations indicated. GFCI's shall be rated 125-volt, 20 amps and shall be **Hubbell GFTR20**, or equal. Downstream GFCI protection using feed-thru receptacles is not acceptable.

C. Receptacles in exterior and wet locations shall be weather-resistant and marked accordingly.

2.4 ENCLOSURES AND COVERS

A. Surface mounted switches and receptacles shall be in FS or FD type cast device boxes.

B. In areas where cast boxes are used, switch and receptacle covers shall be **Crouse-Hinds Catalogue No. DS185 and WLRD-1, or Adalet No. WSL and WRD**, or equal.

C. Receptacles in exterior locations shall be provided with s-hinged cover/enclosure marked “Suitable for Wet Locations when in use” and “UL Listed.” There shall be a gasket between the enclosure and the mounting surface and between the hinged cover and mounting plate/base. The cover shall be **TayMac Specification Grade**, or equal, of metallic construction.

2.5 NAMEPLATES

A. Provide nameplates or equivalent markings on switch enclosures to indicate ON and OFF positions of each switch. ON and OFF for 3-way or 4-way switches is not acceptable. Provide receptacles for special purposes with nameplates indicating their use. Conform to requirements of Section 26 00 00 – Electrical Work, General.

PART 3 -- EXECUTION

3.1 CONNECTION

A. Securely fasten nameplates using stainless steel screws, bolts, or rivets centered under or on the device, unless otherwise indicated.

3.2 GROUNDING

A. Ground all devices, including switches and receptacles, in accordance with NEC Article 250 and Section 26 05 26 – Grounding.

B. Ground switches and associated metal plates through switch mounting yoke, outlet box, and raceway system.

C. Ground flush receptacles and their metal plates through positive ground connections to outlet box and grounding system. Maintain ground to each receptacle by spring-loaded grounding contact to mounting screw or by grounding jumper, each making positive connection to outlet box and grounding system at all times.

3.3 FIELD TESTING

A. Provide checkout, field, and functional testing of wiring devices in accordance with Section 26 00 00 – Electrical Work General Requirements.

B. Test each receptacle for polarity and ground integrity with a standard receptacle tester.

-END OF SECTION-

SECTION 26 28 16 - SWITCHES AND CIRCUIT BREAKERS

PART 1 -- GENERAL

1.1 SUMMARY

A. This Section describes general requirements, products, and methods of execution relating to overcurrent protective devices approved for use on this project. Type, duty rating and characteristics, fault interrupting capability and coordination requirements shall be determined from the plans.

1.2 RELATED WORK

A. The work of the following Sections is related to the work of this Section. Other Sections, not referenced below, may also be related to this work. It is the Contractor's responsibility to perform all the work required by the Contract Documents.

1. Division 26 00 00 – Electrical Work, General

1.3 SUBMITTALS

A. In accordance with the requirements of Section 01 33 00, submit the following Project Data:

1. Descriptive literature bulletins, and catalog cuts of the equipment.

2. Materials of construction.

3. Complete wiring diagrams.

4. Complete installation instructions, with points of electrical connection requirements clearly shown.

5. Performance curves.

1.4 QUALITY ASSURANCE

A. Devices shall be the latest approved design as manufactured by a nationally recognized manufacturer and in conformity with applicable standards and UL listed.

PART 2 -- PRODUCTS

2.1 MOLDED CASE CIRCUIT BREAKERS

A. Molded case circuit breakers shall be suitable for individual as well as panelboard mounting. They shall be bolt-on type, unless "plug-on" type specifically allowed.

B. The breakers shall meet NEMA and/or UL specifications as applicable to frame and size, standard rating and interrupting capability. Breakers installed in panelboards shall have short circuit interrupt ratings that match those of the panelboard.

C. The breakers shall be one-, two-, or three-pole as scheduled, operate manually for normal ON-OFF switching and automatically under overload and short circuit conditions.

D. Operating handle shall open and close all poles simultaneously on a multi-pole breaker. Operating mechanism shall be trip-free so that contacts cannot be held closed against abnormal overcurrent or short circuit condition.

2.2 ACCEPTABLE MANUFACTURER'S

A. **Allen Bradley, Square D**

B. Or approved equal

PART 3 -- EXECUTION

3.1 INSTALLATION

A. Size devices as required by the load being served or as shown on the drawings.

-END OF SECTION-

SECTION 26 29 13 – MOTOR CONTROLLERS

PART 1 -- GENERAL

1.1 SUMMARY

A. This Section describes general requirements, products, and methods of execution relating to manual and magnetic motor starters provided in this and other Divisions. Overloads shall be furnished and installed in Division 26.

1.2 RELATED WORK

A. The work of the following Sections is related to the work of this Section. Other Sections, not referenced below, may also be related to this work. It is the Contractor's responsibility to perform all the work required by the Contract Documents.

1. Division 40 – Process Control Panels and Instrumentation

2. Division 26 – Electrical

1.3 SUBMITTALS

A. In accordance with the requirements of Section 01 33 00, submit the following Project Data:

1. Descriptive literature bulletins, and catalog cuts of the equipment.

2. Materials of construction.

3. Complete wiring diagrams.

4. Complete installation instructions, with points of electrical and plumbing connection requirements clearly shown.

5. Complete Performance Data at the Design Point

6. Complete elementary wiring schematics showing all field connections to motors, control devices and PLC's. A separate schematic shall be provided specific to each motor and shall reference instrument, control device and/or PLC tags as shown on the drawings.

1.4 QUALITY ASSURANCE

A. Equipment shall be of the latest approved designs manufactured by a nationally recognized manufacturer and in conformity with the governing NEMA standards.

B. All electrical equipment and materials specified herein shall be listed by and shall bear the label of Underwriters Laboratories (UL), Factory Mutual (FM) or other nationally recognized testing laboratory acceptable to the State of Alaska Mechanical Inspections Division.

PART 2 -- PRODUCTS

2.1 ACCEPTABLE MANUFACTURER'S

A. **Allen Bradley, Square D**

B. Or approved equal

2.2 AC FRACTIONAL HORSEPOWER MANUAL STARTERS

A. The manual starter shall consist of a manually operated toggle switch equipped with melting alloy-type thermal overload relay.

B. Thermal unit shall be one-piece construction and interchangeable. Starters shall be inoperative if thermal unit is removed. Spare thermal elements shall be provided for all sizes used.

2.3 AC MANUAL STARTERS - LINE VOLTAGE TYPE

A. Manual starters shall be constructed and tested in accordance with the latest published NEMA standards.

B. The manual starters shall consist of a manually operated switch equipped with melting alloy type thermal overload relays in every phase conductor. The overload relays shall be trip-free and the starter shall be inoperative if any thermal unit is removed. Thermal units must be one-piece construction.

C. Starters shall be furnished in a NEMA 4X enclosure unless otherwise indicated on the plans or required by the conditions of the area in which they are installed.

2.4 AC MAGNETIC STARTERS - LINE VOLTAGE TYPE

A. Motor starters shall be across-the-line magnetic type rated in accordance with NEMA standards, sizes and horsepower ratings.

B. Starters shall be mounted individually in their own NEMA rated enclosures or group mounted in a Motor Control Center as shown on the drawings.

C. Starters shall be furnished with adjustable solid-state overload relay providing motor overcurrent protection, ground fault, jam/stall protection and phase loss.

D. Starters through NEMA size three shall be equipped with double break silver alloy contacts. All contacts shall be replaceable without removing power wiring or removing starter from panel.

E. Coils shall be of molded construction and shall be 120VAC.

F. Starters shall be suitable for the addition of at least four external electrical interlocks of any arrangement normally open or normally closed.

G. All starters shall have as a minimum, an enclosure mounted, "running" pilot light.

2.5 AC COMBINATION STARTERS WITH CIRCUIT BREAKER

A. Combination starters shall be manufactured in accordance with the latest published NEMA standards, sizes and horsepower ratings.

B. The disconnect handle used on combination starters shall always be in control of the disconnect device with the door opened or closed. The disconnect handle shall be clearly marked as to whether the disconnect device is "on" or "off".

C. Starters shall be in accordance with Section 26 29 13, Paragraph 2.4 - AC MAGNETIC STARTERS - LINE VOLTAGE TYPE.

2.6 ACCESSORIES

A. Provide push buttons, selector switches, pilot lights, elapsed time meters, etc., as indicated on the drawings or as required herein and elsewhere in these specifications. Device shall be standard components normally supplied from the factory with the starters.

PART 3 -- EXECUTION

3.1 COORDINATION

A. Coordinate all details pertaining to the motor control equipment with the Division of these Specifications where the equipment is specified.

3.2 CONTROL WIRING

A. Control wiring and control devices shall be provided under the Specification Section in which the controlled equipment is specified.

3.3 NAMEPLATES

A. Provide nameplates for all starters. Coordinate names with mechanical equipment lists.

3.4 OVERLOAD PROTECTION

A. Install overload protection. Verify that protection corresponds to motor full load current and that motors starts and operates properly.

B. Provide Ambient Compensated or Ambient insensitive overload relays on all motor circuits that serve motors in remote locations.

3.5 CONTROL CIRCUITS

A. Install control circuits and perform continuity tests. Check control and interlock wiring for proper operation.

B. Where there are wires in the starter that are energized from an external source, a permanent warning sign shall be attached to the front and either a separate disconnect switch shall be installed in the starter or interlock contact(s) shall be provided on the starter disconnecting device to de-energize the externally supplied circuit inside the starter.

3.6 LABELS

A. When starter interlocks with other starters or controls, provide a label on the outside of the cover stating nature of interlock system.

-END OF SECTION-

SECTION 40 90 00 - PROCESS CONTROL AND INSTRUMENTATION SYSTEMS

PART 1 -- GENERAL

1.1 THE REQUIREMENT

A. The CONTRACTOR shall provide all Process Control and Instrumentation Systems (PCIS) complete and operable, in accordance with the Contract Documents.

B. The requirements of this Section apply to all components of the PCIS, unless indicated otherwise.

C. Responsibilities

1. The CONTRACTOR shall coordinate with the PANEL FABRICATOR for the implementation of the PCIS and the integration of the PCIS with other required instrumentation and control devices.

2. The CONTRATOR shall have the requirement of providing a completely integrated control system free of signal incompatibilities.

3. As a minimum, the PANEL FABRICATOR shall perform the following WORK:

   a. Fabricate and program the Control Panels (CPs).

   b. Provide start-up, testing and commissioning of the control panel including:

      i. Fabricate and certify each control panel.
      ii. Shop testing of each control panel prior to shipping.

4. As a minimum, the CONTRACTOR shall perform the following WORK:

   a. Coordinate, receive and install the PANEL FABRICATOR’s furnished control panels.

   b. Provide and install all instrumentation and control equipment required for a fully functional PCIS at each work site.

   c. Coordinate with the OWNER and local utility for all lift station outages or wet well pumping. Prepare an outage schedule and provide to the OWNER a minimum of 2 weeks prior to the start of work.

   d. Provide all conduit, wiring, connectors and terminations required to interconnect the PCIS and related equipment.

   e. Calibrate and configure all instrumentation and field devices.

   f. Provide complete the system start-up, commissioning and testing of PCIS for each work site.

1.2 CONTRACTOR SUBMITTALS

A. Furnish submittals in accordance with Section 01 33 00 – Contractor Submittal Procedures and the following:

1. The CONTRACTOR shall coordinate the instrumentation work so that the complete instrumentation and control system will be provided and will be supported by accurate Shop Drawings and record drawings.

2. Exchange of Technical Information: During the period of preparation of these submittals, the CONTRACTOR shall authorize a direct, informal liaison with the ENGINEER for exchange of technical information. As a result of this liaison, certain minor refinements and revisions in the systems as indicated may be authorized informally by the ENGINEER but will not alter the scope of work or cause increase or decrease in the Contract Price. During this informal exchange, no oral statement by the ENGINEER shall be construed to give approval of any component or method, nor shall any statement be construed to grant exception to or variation from these Contract Documents.

3. Symbology and Nomenclature: In these Contract Documents, all systems, all meters, all instruments, and all other elements are represented schematically, and are designated by symbology as derived from Instrument Society of America Standard ANSI/ISA S5.1 – Instrumentation Symbols and Identification. The nomenclature and numbers designated herein and, on the Drawings, shall be employed exclusively throughout Shop Drawings, and similar materials. No other symbols, designations, or nomenclature unique to the manufacturer's standard methods shall replace those prescribed above, used herein, or on the Drawings.

B. Shop Drawings

1. General

   a. Shop Drawings shall include the letterhead or title block of the CONTRACTOR. The title block shall include, as a minimum, the CONTRACTOR's registered business name and address, project name, drawing name, revision level, and personnel responsible for the content of the drawing. The quantity of submittal sets shall be as indicated in Division 01 – Contractor Submittal Procedures.

   b. Organization of the Shop Drawing submittals shall be compatible with eventual submittals for later inclusion in the Technical Manual.

   c. Shop Drawing information shall be bound in standard size, three-ring, loose-leaf, vinyl plastic, hard cover binders suitable for bookshelf storage. One set of drawings for each facility is to be hung inside the control panel. The drawings are to be enclosed in PVC pockets suitable for hanging from a 3-ring binder, two drawings per pocket. The ring binder is to be attached to the inside of the front panel door.

   d. Interfaces between level instruments, motor starters, and other equipment related to the PCIS shall be included in the Shop Drawing submittal.

2. Component Submittal: The CONTRACTOR shall submit a hardware submittal as a complete bound package at one time within 60 calendar days after the commencement date stated in the Notice to Proceed, including:

a. A complete index which lists each device by tag number, type, and manufacturer. A separate technical brochure or bulletin shall be included with each instrument data sheet (original documents only – photocopies are not acceptable and will be rejected). The data sheets shall be indexed in the submittal by system. Data sheet with one brochure or bulletin may cover all identical uses of that instrument in that system. Each brochure or bulletin shall include a list of tag numbers for which it applies. System groups shall be separated by labeled tags.

b. Fully executed data sheets according to ISA-S20 – Specification Forms for Process Measurement and Control Instruments, Primary Elements and Control Valves, for each component, together with a technical product brochure or bulletin. The technical product brochures shall be complete enough to verify conformance to all Contract Document requirements. The data sheets, as a minimum, shall show:

i. Component functional description used in the Contract Documents
ii. Manufacturer's model number or other product designation
iii. Project tag number used in the Contract Documents
iv. Project system or loop of which the component is a part
v. Project location or assembly at which the component is to be installed
vi. Input and output characteristics
vii. Scale, range, units, and multiplier (if any)
viii. Requirements for electric supply (if any)
ix. Requirements for air supply (if any)
x. Materials of component parts to be in contact with or otherwise exposed to process media and corrosive ambient air
xi. Special requirements or features

c. Priced list of all spare parts for all devices.

d. Instrument installation, mounting, and anchoring details shall be submitted in an electronic hard copy format. Each instrument shall have a dedicated 8-1/2-inch by 11-inch detail which only pertains to the specific instrument by tag number. Each detail shall be certified by the instrument manufacturer that the proposed installation is in accordance with the instrument manufacturer's recommendations and is fully warrantable. These certifications shall be embedded in the CAD files and also appear as a stamp on the hard copies. As a minimum, each detail shall have the following contents:

i. Show all necessary sections and elevation views required to define instrument location by referencing tank, building or equipment names and numbers, and geographical qualities such as north, south, east, west, basement, first floor.
ii. Process line pipe or tank size, service, and material.
iii. Process tap elevation and location.
iv. Upstream and downstream straight pipe lengths between instrument installation and pipe fittings and valves.
v. Routing of tubing and identification of supports.
vi. Mounting brackets, stands, and anchoring devices.

vii. Conduit entry size, number, location, and delineation between power and signal.
viii. NEMA ratings of enclosures and all components.
ix. Clearances required for instrument servicing.
x. List itemizing all manufacturer makes, model numbers, quantities, lengths required, and materials of each item required to support the implementation of the detail.

C. Technical Manual

1. General: Information in the Technical Manual shall be based upon the approved Shop Drawing submittals as modified for conditions encountered in the field during the WORK.

2. The Technical Manual shall have the following organization for each process:

a. Section A – Edited As Built Drawings

b. Section B – Instrument Summary

c. Section C – Instrument Data Sheets

d. Section D – Instrument Installation Details

e. Section E – Test Results

3. Initially, two sets of draft Technical Manuals shall be submitted for review after return of favorably reviewed Shop Drawings and data required herein. Following the ENGINEER's review, one set will be returned to the CONTRACTOR with comments. The Manuals shall be revised and amended as required and the final Manuals shall be submitted 15 days prior to start-up of systems.

4. The CONTRACTOR shall provide an Instrument Equipment Summary Form for all instruments, devices, control hardware, and miscellaneous equipment in accordance with Division 01 – Contractor Submittal Procedures and the Special Provisions. The data shall be provided in electronic format, **Microsoft Excel**, or approved equal.

D. Record Drawings

1. The CONTRACTOR in coordination with the PANEL FABRICATOR shall keep current a set of schematic diagrams which shall include all field and panel wiring, routing, mounting details, point-to-point diagrams with cable, wire and termination numbers. These drawings shall include all instruments and instrument elements. Two sets of drawings electronically formatted in AUTOCAD on CD-ROM and two hard copies shall be submitted after completion of all commissioning tasks. All such drawings shall be submitted for review prior to acceptance of the completed work by the OWNER.

1.3 WARRANTY

A. The warranty shall start from the date of final acceptance of the completed project and shall extend for 1 year.

PART 2 -- PRODUCTS

2.1 GENERAL

A. Code and Regulatory Compliance: PCIS WORK shall conform to or exceed the applicable requirements of the National Electrical Code and local building codes.

B. Current Technology: Meters, instruments, and other components shall be the most recent field-proven models marketed by their manufacturers (as indicated) at the time of submittal of the Shop Drawings, unless otherwise required to match existing equipment.

C. Hardware Commonality: Instruments which utilize a common measurement principle (for example, level transmitters which monitor hydrostatic head) shall be furnished by a single manufacturer. Panel-mounted instruments shall have matching style and general appearance. Instruments performing similar functions shall be of the same type, model, or class, and shall be from a single manufacturer.

D. Environmental Suitability: Indoor and outdoor control panels and instrument enclosures shall be suitable for operation in the ambient conditions associated with the locations designated in the Contract Documents. Heating, cooling, and dehumidifying devices shall be provided in order to maintain all instrumentation devices 20 percent within the minimums and maximums of their rated environmental operating ranges. The CONTRACTOR shall provide power wiring for these devices. Enclosures suitable for the environment shall be furnished. All instrumentation in hazardous areas shall be suitable for use in the particular hazardous or classified location in which it is to be installed.

E. Signal Levels: Analog measurements and control signals shall be as indicated herein, and unless otherwise indicated, shall vary in direct linear proportion to the measured variable. Electrical signals outside control panels shall be 4 to 20 mA DC, except as indicated.

2.2 OPERATING CONDITIONS

A. The PCIS shall be designed and constructed for satisfactory operation and long, low maintenance service under the following conditions:

1. Environment - Exterior/Interior, wastewater
2. Exterior Temperature Range - -20 through 84 degrees F
3. Interior Temperature Range - +40 through 120 degrees F
4. Relative Humidity - 20 through 90 percent, non-condensing

2.3 LEVEL TRANSDUCER

A. General: A submersible level transmitter shall be provided to sense the liquid level of the wet wells as shown on the Drawings and in accordance with the manufacturers' recommendations. The internal air pressure of the sensor assembly shall be relieved to

atmospheric pressure through a sealed breather system. Provide all necessary support cables and stainless-steel hardware for hanging the transmitter within the wet well per the manufacturer's requirements.

B. Pressure Range (PSI): 0 – 25 feet, match to wet well requirements.

C. Accuracy: 0.25% over the full-scale pressure range.

D. Overpressure: 4x @ 5 PSI, all other 3x.

E. Compensated Temperature: +32 to 180 degrees F.

F. Wetted Parts: PVC body, Teflon signal cable and diaphragm, silicon oil shall be used as a hydraulic fill.

G. Signal Cable: Jacket material shall be Teflon or TPE, shielded and contains Kevlar support members. Contains breather tube for factory-supplied, sealed breather system.

H. Input/Output Signal: Loop powered 10-30 VDC, 4-20 mA output.

I. Approvals: UL Listed 508, Intrinsically safe for Class 1, Groups A, B, C, D Class 2 E, F, G; when installed with a listed IC barrier.

J. Transducer shall be **Contegra Model #SLX 130**, or approved equal.

2.4 LEVEL FLOATS

A. Wetted Parts: Body shall be polypropylene, EPDM rubber.

B. Cable: Special compound PVC or NBR/PVC Nitrile rubber. Length as required for installation

C. Rating: 30VDC, 5A

D. Approvals: CSA, Class 1, Div. 1 Groups A, B, C, D

E. Floats shall be **Flygt Model #ENM-10** or approved equal.

2.5 SPARE PARTS AND SPECIAL TOOLS

A. The CONTRACTOR shall furnish a priced list of all special tools required to calibrate and maintain the instrumentation provided under the Contract Documents. After approval, the CONTRACTOR shall furnish tools on that list.

B. Special tools and spare parts shall be submitted before startup commences, suitably wrapped and identified.

PART 3 -- EXECUTION

3.1 PRODUCT HANDLING

A. Special Instructions: Special instructions for proper field handling, storage, and installation required by the manufacturer shall be securely attached to each piece of equipment prior to packaging and shipment.

B. Tagging: Each component shall be tagged to identify its location, instrument tag number, and function in the system. A permanent stainless-steel tag firmly attached and stamped with the instrument tag number, as given in the tabulation, shall be provided on each piece of equipment in the PCIS. Identification shall be prominently displayed on the outside of the package.

C. Storage: Equipment shall not be stored outdoors. Equipment shall be stored in dry, permanent shelters, including in-line equipment, and shall be adequately protected against mechanical injury. If any apparatus has been damaged, such damage shall be repaired by the CONTRACTOR. If any apparatus has been subject to possible injury by water, it shall be thoroughly dried out and put through tests as directed by the ENGINEER. If such tests reveal defects, the equipment shall be replaced.

3.2 INSTALLATION

A. General

1. Instrumentation, including instrumentation furnished under other Divisions, shall be installed under Division 40 and the manufacturers' instructions.

2. Equipment Locations: The monitoring and control system configurations indicated are diagrammatic. The locations of equipment are approximate. The exact locations and routing of wiring and cables shall be governed by structural conditions and physical interferences and by the location of electrical terminations on equipment. Equipment shall be located and installed so that it will be readily accessible for operation and maintenance. Where job conditions require reasonable changes in approximated locations and arrangements, or when the OWNER exercises the right to require changes in location of equipment which do not impact material quantities or cause material rework, the CONTRACTOR shall make such changes without additional cost to the OWNER.

B. Conduit, Cables, and Field Wiring

1. Conduit shall be provided under Division 26.

2. Process equipment control wiring, 4-20 mA signal circuits, signal wiring to field instruments, controller input and output wiring and other field wiring, and cables shall be provided under Division 26.

3. Terminations and wire identification at PCIS equipment furnished under this or any other Division shall be provided under Division 26.

C. Instrumentation Tie-Downs: Instruments, control panels, and equipment shall be anchored by methods that comply with seismic requirements applicable to the Site.

D. Existing Instrumentation: Each existing instrument to be removed and reinstalled shall be cleaned, reconditioned, and recalibrated by an authorized service facility of the instrument manufacturer. The CONTRACTOR shall provide certification of this work prior to reinstallation of each instrument.

E. Ancillary Devices: The Contract Documents show all necessary conduit and instruments required to make a complete instrumentation system. The CONTRACTOR shall be responsible for providing any additional or different type connections as required by the instruments and specific installation requirements. Such additions and such changes, including the proposed method of installation, shall be submitted to the ENGINEER for approval prior to commencing the WORK. Such changes shall not be a basis of claims for extra work or delay.

F. Installation Criteria and Validation: Field-mounted components and assemblies shall be installed and connected according to the requirements below:

1. Installation personnel have been instructed on installation requirements of the Contract Documents.

2. Technical assistance is available to installation personnel at least by telephone.

3. Installation personnel have at least one copy of the approved Shop Drawings and data.

4. Flexible cables and capillary tubing shall be installed in flexible conduits. The lengths shall be sufficient to withdraw the element for periodic maintenance.

5. Power and signal wires shall be terminated with crimped type lugs.

6. Connectors shall be, as a minimum, watertight.

7. Wires shall be mounted clearly with an identification tag that is of a permanent and reusable nature.

8. Wire and cable shall be arranged in a neat manner and securely supported in cable groups and connected from terminal to terminal without splices, unless specifically approved by the ENGINEER. Wiring shall be protected from sharp edges and corners.

9. Mounting stands and bracket materials and workmanship shall comply with requirements of the Contract Documents.

10. Verify the correctness of each installation, including polarity of electric power and signal connections, and make sure process connections are free of leaks. The CONTRACTOR shall certify in writing that discrepancies have been corrected for each loop or system checked out.

11. The OWNER will not be responsible for any additional cost of rework attributable to actions of the CONTRACTOR or the PANEL FABRICATOR.

3.3 CALIBRATION

A. General: Devices provided under Division 40 shall be calibrated according to the manufacturer's recommended procedures to verify operational readiness and ability to meet the indicated functional and tolerance requirements.

B. Field Calibration: Instruments that were not bench-calibrated shall be calibrated in the field to ensure proper operation in accordance with the instrument loop diagrams or specification data sheets.

3.4 LOOP TESTING

A. The CONTRACTOR shall coordinate with and assist the PANEL FABRICATOR and to complete the various control panel loop testing.

B. Instrument and Instrument Component Validation: Each instrument shall be field-tested, inspected, and adjusted to its indicated performance requirement in accordance with manufacturer's specifications and instructions. Any instrument which fails to meet any Contract requirement, or, in the absence of a Contract requirement, any published manufacturer performance specification for functional and operational parameters, shall be repaired or replaced, at the discretion of the ENGINEER and at the CONTRACTOR’s expense.

C. Loop Validation: Controllers and electronic function modules shall be field-tested and exercised to demonstrate correct operation of the hardware and wiring. Control loops shall be checked under simulated operating conditions by impressing input signals at the primary control elements and observing appropriate responses at register in the controller. Actual signals shall be used wherever available. Following any necessary corrections, the loops shall be retested.

3.5 PERFORMANCE TEST

A. The CONTRACTOR shall assist and coordinate with the PANEL FABRICATOR during the complete start-up, testing and commissioning process. The CONTRACTOR shall provide the proper qualified personnel to make adjustments, assist with troubleshooting, provide technical support, etc. as necessary during the commissioning process.

B. The entire PCIS hardware, field instruments, power supplies, and wiring shall operate for 30 days without failure.

C. The CONTRACTOR shall furnish support staff as required to satisfy the repair or replacement requirements.

D. If any component, other than field instruments, fails during the performance test, it shall be repaired or replaced and the PCIS shall be restarted for another 30-day period.

3.6 FINAL ACCEPTANCE TEST

A. Once all equipment and subsystem tests have been complete and results accepted by the ENGINEER, the complete PCIS system shall be put into service for a Final Acceptance Test. The OWNER and ENGINEER shall be notified a minimum of 48 hours prior to the start of this test.

B. The entire PCIS system control panels hardware, field instruments, power supplies, and wiring shall operate in accordance with the Specifications and Functional Narrative for 30 days without failure.

C. If any component, other than field instruments, fails during the final acceptance test, it shall be repaired or replaced and the PCIS shall be restarted for another 30-day period.

D. The CONTRACTOR shall furnish support staff as required to satisfy the repair or replacement requirements.

3.7 REQUIREMENTS FOR SUBSTANTIAL COMPLETION

A. For the purpose of this Section, the following shall be fulfilled before the WORK is considered substantially complete:

1. Submittals have been completed and approved.

2. The PCIS has been installed, calibrated, and loop tested.

3. Spare parts and expendable supplies and test equipment have been delivered to the ENGINEER.

4. The performance test has been successfully completed.

5. Punch-list items have been corrected.

6. Record drawings in both hard copy and electronic format have been submitted.

7. Revisions to the Technical Manuals that may have resulted from the field tests have been made and reviewed.

8. Debris associated with installation of instrumentation has been removed.

9. Probes, elements, sample lines, transmitters, tubing, and enclosures have been cleaned and are in like-new condition.

-END OF SECTION-

SECTION 40 95 13 – LIFT STATION CONTROL PANEL

PART 1 -- GENERAL

1.1 THE REQUIREMENT

A. General: The PANEL FABRICATOR shall provide a logic controller-based lift station Control Panels (CPs), complete and operable, in accordance with the Contract Documents.

B. The requirements of Section 40 90 00 – Process Control and Instrumentation System Commissioning apply to this Section.

C. The panel shall be built by a UL 508A listed panel shop to UL, ETL, or other independent testing laboratory standards acceptable to the State of Alaska Mechanical Inspections Division. The panels shall have UL or ETL labels attached to them by the panel builder. The panel builder shall provide with each panel a certification from the independent testing lab inspector that the panel is built to their standards.

D. Minimum System Scope:

1. Procurement of all pump control panel components required to conform to the Contract Documents.

2. Design and submit control panel and spare parts submittals.

3. Perform all required tests, adjustments, and calibrations.

4. Furnish all required tools, test equipment, spare parts, supplies, operations and maintenance manuals, and reproducible record drawings as specified herein.

1.2 CONTRACTOR SUBMITTALS

A. General: Submittals shall be furnished in accordance with Division 01 – Contractor Submittal Procedures.

B. Control Panel Shop Drawings:

1. Shop Drawings shall include the letterhead or title block of the PANEL FABRICATOR. The title block shall include, as a minimum, the PANEL FABRICATOR registered business name and address, project name, drawing name, revision level, and personnel responsible for the content of the drawing.

2. Organization of the Shop Drawing submittals shall be compatible with eventual submittals for later inclusion in the O&M Manual.

3. Shop Drawing information shall be bound in standard size, three-ring, loose-leaf, vinyl plastic, hard cover binders suitable for bookshelf storage. One set of drawings for each facility is to be hung inside the control panel. The drawings are to be enclosed in

PVC pockets suitable for hanging from a 3-ring binder, two drawings per pocket. The ring binder is to be attached to the inside of the front panel door.

4. A complete index shall appear in the front of each bound volume. All drawings and data sheets associated with a panel shall be grouped together with the drawings being indexed by systems or process areas. All panel tagging, and nameplate nomenclature shall be consistent with the requirements of the Contract Documents.

5. The submittal shall completely define and document the construction, finish, fuses, circuit breakers, internally mounted hardware, communications hardware, and controller system components. Interfaces required between instruments, motor starters, control valves, variable speed drives, flow meters, chemical feeders and other equipment related to the process control shall be included in the CP Shop Drawing submittal.

6. All panel drawings shall, as a minimum, be "B" size with all data sheets and manufacturer specification sheets being "A" size. The submittal shall be submitted as a singular complete bound volume or multi-volume package and shall have the following contents:

   a Scale construction drawings which define and quantify the type and gauge of steel to be used for panel fabrication, the ASTM grade to be used for structural shapes and straps, panel door locks and hinge mechanisms, type of bolts and bolt locations for section joining and anchoring, details and proposed locations for "UNISTRUT" members, stiffener materials and locations, electrical terminal box and outlet locations, electrical access locations, print pocket locations, writing shelf locations, and lifting lug material and locations.

   b Scaled panel layout drawings showing exterior panel face and interior back panel layouts with all components and devices shown.

   c Complete wiring diagrams showing all panel interior wiring identifying electrical devices, terminals, and interconnecting wiring. These diagrams shall show interconnecting wiring by lines, designate terminal assignments, and show the physical location of all electrical and control devices. These wiring diagrams shall also show location and identify terminals for all field wiring connections.

   d Complete loop drawings showing all wiring connections to field devices, equipment, and instruments.

   e Manufacturer’s data sheets for all components included in the panel. Data sheets shall clearly define the electrical, environmental, and physical characteristics and limitations of each component. Any optional features to be included shall be clearly defined and where multiple options, models, catalog numbers are shown, the ones being provided shall be clearly identified.

   f Complete and detailed bill of materials: A bill of material list, including quantity, description, manufacturer, and part number, shall be submitted for all components of the CPs.

C. Owner's Manuals: General requirements for Owner's Manuals are as described in Section 40 90 00 – Process Control and Instrumentation Systems Commissioning. The following items shall also be included in the Owner's manual:

1. Operation and maintenance manuals for all hardware as specified herein.

2. Electronic and hardcopy of controller and programming.

D. Factory Test Procedure: The PANEL FABRICATOR shall prepare and submit a factory test procedure which incorporates test sequences, test forms, and an estimated test duration which comply with the requirements of the factory test specified herein.

1.3 WARRANTY

A. The PANEL FABRICATOR shall warrant the control panel for a period of one year from all component failures, defects or software programming issues. Warranty shall cover the cost of all repair work and any required shipping or travel expenses.

PART 2 -- PRODUCTS

2.1 CONTROL PANEL

A. All materials and all CPs equipment furnished under this Contract shall be new, free from defects, of first quality, and produced by manufacturers regularly engaged in the manufacture of these products.

B. Component Commonality: Where there is more than one item of similar equipment being furnished all such similar equipment shall be the product of a singular manufacturer.

C. Enclosure:

1. The system controller and peripheral equipment shall be mounted inside a suitable enclosure. All wiring from the field shall be terminated on terminal blocks in the enclosure.

2. Enclosure shall be NEMA 4X, 16-gauge or 14-gauge thickness, Type 304 or 316L stainless steel.

3. Enclosures shall have stainless steel continuous hinges and door handle with 3-point latch. Covers with multiple hasps or latches are not acceptable.

4. Enclosure shall have a hinged inner door fabricated from 14-gauge alloy aluminum. The inner door shall contain the controller operator interface (OI), indication pilot lights, power and selector switches, meters, pump monitoring relays, etc.

5. Finish shall be unpainted, smooth brushed finish.

6. Enclosures and Panels shall be as manufactured by **Hoffman**, or equal.

D. Main Disconnect: The control panel shall be equipped with a main disconnect switch mechanically interlocked with the inner door to electrically isolate the components of the panel when the inner door is opened.

E. High Temperature and Leak Detection: The panel shall be equipped with a pump monitoring relay for leakage detection and stator high temperature monitoring. In case of a malfunction, the monitoring relay should stop the pumps. On a high temperature detection, and shall not be made available until a manual reset has been performed. The relay shall be **MPE model #PMR2**, or equal.

F. Intrinsically Safe (IS) Circuits: The panel will be equipped with intrinsically safe, UL approved, relays to render transducer and float safe operation in Class 1, Division 1, Group C and D hazardous environments. The relay shall be **Turck**, or equal

G. Heater Element: The control panel shall be equipped with a heating element and controlling thermostat. It will be designed to maintain the panel enclosure interior at a minimum of +40F.

H. Operating Conditions: The CPs shall be designed and constructed for satisfactory operation and long, low maintenance service under the following conditions:

1. Environment: exterior
2. Indoor Temperature Range: 32 through 84 degrees F
3. Outdoor Temperature Range: -20 through 84 degrees F
4. Relative Humidity - 20 through 90 percent, non-condensing

I. Each panel shall be provided with a 120-volt, switched fluorescent light fixture, as shown on the Drawings. The fixture shall be **Hoffman Model #LF120V18**, or equal.

J. Each panel shall be provided with a 120-volt, 20amp rated, NEMA 5-20R duplex convenience receptacle, **Hubbell Model #5362,** or equal.

K. Each panel shall be provided with a Surge Protection Device (SPD), ANSI/IEEE C62.41, ANSI/UL 1449 4th Ed.; Type 2, DIN-Rail mounting. Match voltage configuration requirements of each installation. Provide suppression for normal mode (L-L, L-N) and common mode (L-N-G). 40kA surge rating, **ABB** or equal.

L. Each panel shall have a local or remote Alarm Strobe as indicated in the Drawings. Weatherproof, shatterproof, (red) polycarbonate lens kit, Type 4X, IP66, IP69K enclosure, 120VAC. **Federal Signal** or equal

M. Miscellaneous Parts:

1. Each panel shall be provided with a data pocket holder 1 inch deep by 12 inches wide by 12 inches high, Hoffman model A-DP2, or equal, installed on the panel door as shown on the Drawings.

2.2 CONTROLLER

A. General: Each controller shall be of solid-state design. The controller shall be capable of operating in an industrial environment, DIN rail mounted and designed to provide high reliability specifically in this process application.

B. Design: The controller shall have all the facilities required to implement the control schemes and database indicated. Controller shall have the following functions and features:

1. Human Machine Interface (HMI) touch screen with LCD (min. 2 lines) and graphical display, multi-pump run/fault status, wet well level, alarm status and silence, security status logging with date and time stamp. HMI shall be **BEIJER X2 Extreme 7** or approved equal.

2. Pump Alternation. Controller shall support multiple modes of pump alternation configurable from the HMI display.

3. Volumetric flow calculations and statistics data, pump run data (total run time, total starts, maximum hourly starts, starts per day, etc.).

4. Security protection. Detecting unauthorized access and HMI security passwords for multiple users.

5. Support a variety of communications media UHF, VHF, cellular, ethernet and leased phone line for planned future SCADA connectivity.

6. All hardware shall operate at an ambient temperature of 0 to 60 degrees C (32 to 140 degrees F), with an ambient temperature rating for storage of - 40 to + 85 degrees C (- 40 to + 185 degrees F) and shall function continuously in the relative humidity range of 5 percent to 95 percent with no condensation. The system shall be designed and tested to operate in the high electrical noise environment of an industrial area.

7. Processor shall be **Allen-Bradley Compact Logix, 1769-L30ER,** or approved equal.

8. Discrete and analog modules shall be as shown on the plans.

2.3 UNINTERRUPTABLE POWER SUPPLY

A. Uninterruptable Power Supply (UPS) Panel 24 VDC: Each PLC panel shall be supplied from a battery-backed 24 VDC power supply panel. Each power supply module shall include a DC-OK relay contact that shall be wired to a discrete input card. For each enclosure, DC power supplies shall be a **Mean Well USA model #SDR 480-24 12V with redundancy module Model #DR-RDN20 and UPS module #DR-UPS40**. The system shall use two unit batteries at 12 V sealed and rated at 55 Ah. Powersonic or equal. Enclosure cabinet shall be NEMA 12.

2.4 SPARE PARTS

A. Provide the following spare parts:

Quantity	Manufacturer	Part No.	Description
2	Allen-Bradley	#800HC-QRH10	Pilot Light
2	Allen-Bradley	#1489-M	10A Miniature Circuit Breaker

PART 3 -- EXECUTION

3.1 GENERAL

A. Environmental Suitability: All control panels and instrument enclosures shall be suitable for operation in the ambient conditions associated with the locations designated in the Contract Documents. Heating, cooling, and dehumidifying devices shall be provided in order to maintain all instrumentation devices 20 percent within the minimums and maximums of their rated environmental operating ranges. The PANEL FABRICATOR shall provide all control and power wiring for these devices. Enclosures suitable for the environment shall be provided.

B. Panel construction shall conform to Article 409 and shall be marked in accordance with paragraph 409.110 of the National Electric Code.

C. The control panel shall be wall mounted. Internal control components shall be mounted on an internal back-panel as required.

D. Each source of 'external' voltage shall be isolated by providing disconnecting fused terminal blocks or DIN rail mounted relays. The control panel shall be provided with identified terminal strips for the connection of all external conductors. The panel fabricator shall provide enough terminal blocks as shown on the Drawings.

E. All control panel mounted devices shall be provided as shown on the Drawings.

F. Fabrication

1. Doors shall be flush fitting, gasketed, and be of the hinged type with door handles. Screwdriver 1/4 turn or Dzus type fasteners are not acceptable.

   a The flanged edges of all panels shall be straight and smooth. Corners shall be welded and ground smooth.

   b The face of the panel shall be true and level after flanging.

   c All panel cut-outs and holes may be cut or drilled by any standard method that does not cause deformation. Burrs shall be ground smooth.

   d Stiffeners shall be welded to the back of panels, as required to prevent panel deformation due to the weight of face-mounted instruments.

G. Mounting of Devices

1. The panel fabricator shall provide cut-outs and shall mount all devices indicated to be panel-mounted, including any instruments indicated to be furnished by other vendors but installed in the panel.

2. The panel fabricator shall also mount behind the panels other device accessory items as required for functionality or as indicated.

3. Equipment mounted at the rear of panel shall be installed to allow for commissioning adjustments, servicing requirements, and cover removal.

4. Spare space shall be kept clear of wiring, etc., to give maximum space for future additions.

H. Electrical Requirements

1. Each terminal connection shall have a plastic plate with a terminal and instrument tag number. Wiring shall be identified with stamped tubular wire end markers. Terminals shall be DIN rail mounted, rated at 400 VAC, manufactured by Entrelec, or equal.

2. Wiring Methods: Wiring methods and materials for all panels shall be in accordance with the N.E.C. requirements for General Purpose (no open wiring) unless otherwise indicated.

3. Signal and Control Circuit Wiring

   a Wire type and sizes: Other control panel conductors shall be flexible stranded copper wire, UL. Wires for instrument signal, alarm and power circuits shall be No. 16 AWG minimum Type MTW rated for 300 volts.

   b Wire Insulation Colors:

      1) 120 VAC Power - Black 14 AWG minimum
      2) 120 VAC Neutral - White 14 AWG minimum
      3) 120 VAC Ground - Green 14 AWG minimum
      4) 120 VAC Control - Red 14 AWG minimum
      5) 120 VAC Foreign Power - Yellow 16 AWG minimum
      6) 120 VAC Foreign Neutral – Yellow/White 16 AWG minimum
      7) DC Positive - Blue 16 AWG minimum
      8) DC Negative - White/Blue 16 AWG minimum

   c All 120 VAC power wiring protected by the main circuit breaker and incoming power service shall be No. 12 AWG.

   d Wire Marking: Wire numbers shall be marked using black numbered wire markers made from heat-shrink plastic. Wires shall be marked as shown on the approved Shop Drawings. Numbers shall read from left to right.

   e For equipment grounding, the control panel shall be provided with a 1/4-inch by 1-inch copper ground bus complete with solder-less connector for one No. 4 AWG

bare stranded copper cable. The copper cable shall be provided by the CONTRACTOR and be connected to the electrical equipment ground of the 120-volt panel supplying power.

4. Power Supply Wiring

a Unless otherwise indicated, all instruments, alarm systems, and motor controls shall operate on 120 VAC circuits.

b The panel fabricator shall provide terminal box connections for the main power supply entry as shown on the Drawings.

c When instruments do not come equipped with integral fuses, provide fuses as required for the protection of individual instruments against fault currents. Fuses shall be mounted on the back of the panel in a fuse holder, and each fuse shall be identified by a service name tag. Fuses shall be as manufactured by **Bussmann Manufacturing Division, Type KAW TRON,** or equal. Circuit breakers shall be provided as shown on the Drawings.

I. Relays: DIN rail mounted relays shall have contacts rated at 10 amps, 230 volts, at 20,000 operations. The coils shall be 120 VAC at 0.03 amps.

J. Terminals: Fused Terminals for analog input and output points shall be a 3-wire terminal with a fused circuit, a feed through circuit and a ground terminal. Fused Terminals for the discrete input points shall be 2-wire terminal with a fused circuit and a feed through circuit. Provide a one-quarter of an ampere rapid blow 250-volt fuse for all analog circuits and all discrete input circuits.

K. Spare Fuses: For each panel, provide the following spare fuses:

1. A minimum of two spare fuses of each size

2. One spare fuse for every ten fused circuits

L. Provide the fuses in a spare fuse box mounted on the interior wall of the panel. Fuse box shall be **Plano Tackle Systems 1061 Accessory Box** or equal.

M. Labor and Workmanship: The control panel shall be fabricated and wired by fully qualified workmen who are properly trained, experienced, and supervised.

3.2 MARKING

A. Control panels shall be marked with the following information that is plainly visible after installation:

1. Manufacturer’s name

2. Supply voltage, number of phases, frequency and full load current.

3. Short-circuit rating of the main breaker

4. Name of the project and site

5. Enclosure rating

3.3 INSTALLATION

A. Preparation for Shipment and Shipping

1. Panels shall be crated for shipment using a heavy framework and skids. Panel sections shall be cushioned to protect the finish of the instruments and panel during shipment. Instruments that are shipped with the panel shall further have suitable shipping stops and cushioning material installed to protect parts that could be damaged due to mechanical shock. Each separate panel unit shall be provided with removable lifting lugs to facilitate handling.

2. All control panel factory testing and inspection shall be performed prior to shipping.

3. The control panel shall be installed, and field tested in accordance with Section 40 90 00 – Process Control and Instrumentation Systems.

3.4 PENETRATIONS

A. All control panel penetrations shall be bottom entry.

3.5 CONTROL PANEL SIGNAL AND CONTROL CIRCUIT WIRING

A. Wiring Installation: All wires shall be run in plastic wireways except (1) field wiring, (2) wiring between mating blocks in adjacent sections, (3) wiring from components on a swing-out panel to components on a part of the fixed structure, and (4) wiring to panel-mounted components. Wiring run from components on a swing-out panel to other components on a fixed panel shall be made up in tied bundles. These bundles shall be tied with nylon wire ties and shall be secured to panels at both sides of the "hinge loop" so that conductors are not strained at the terminals.

B. Wiring run to control devices on the front panels shall be tied together at short intervals with nylon wire ties and be secured to the inside face of the panel using adhesive mounts.

C. Wiring to rear terminals on panel-mount instruments shall be in plastic wireways secured to horizontal brackets above or below the instruments in about the same plane as the rear of the instruments.

D. Shop Drawings shall show conformance to the above wiring installation requirements.

E. Wire Marking: Each signal, control, alarm, and indicating circuit conductor connected to a given electrical point shall be designated by a single unique number as shown on the Shop Drawings. These numbers shall be marked on all conductors at every terminal.

3.6 FACTORY TEST

A. General: Prior to shipment of the CPs from the factory, but after the procurement, assembly, and configuration of all components, the PANEL FABRICATOR shall conduct a factory test at their facility. This test shall be witnessed by a representative of the OWNER and the ENGINEER of record. A minimum of one-week notification shall be

provided to the ENGINEER prior to testing. The CPs shall not be shipped without the ENGINEER's written approval of the factory test. The factory test shall demonstrate the functionality and performance of specified features of the controller.

B. The PANEL FABRICATOR shall schedule the factory test after receiving approval of the factory test procedures submittal. One test shall be conducted for the complete system. The PANEL FABRICATOR shall provide a qualified technician to assist with testing for the entire duration of the factory test.

C. Panel fabricator shall conduct the following tests prior to arrival of the ENGINEER or before shipment, if the ENGINEER chooses not to witness factory testing.

1. All status, control, analog and alarm circuits rung out to determine their operability.

2. All electrical power circuits checked for continuity and where applicable, operability.

3. Any other test required to place the panel in an operating condition.

D. Test Setup: The complete CP systems, as shown on the drawings, shall be assembled and interconnected on the panel fabricator's factory floor. Controller input and outputs shall be installed in their assigned housings and wired to field termination points in the enclosures.

E. Test Procedure: The factory test shall be conducted in accordance with the previously submitted and approved test procedures. The test procedures shall include written descriptions of how individual tests shall be performed and shall incorporate testing the following features as a minimum.

1. Calibration: All analog inputs and outputs of the Controller shall have their calibration checked at a minimum of two points to verify consistency with the balance of the analog loop.

2. Verify that the Human Machine Interface (HMI) accurately and completely display process levels, instruments, etc.

3. Verification of proper response and display on the HMI graphical display.

F. Test Report: The PANEL FABRICATOR shall record the results of all factory testing on preapproved test forms which the OWNER's and ENGINEER's representatives shall sign. A copy of the completed test forms and a report certifying the results shall be provided to the ENGINEER within 10 days of completing the test.

G. Rework and Retest: If the CPs do not operate as required, the PANEL FABRICATOR shall make whatever corrections are necessary, and the failed part of the tests shall be repeated. If, in the opinion of ENGINEER's representative, the changes made by the PANEL FABRICATOR for such a correction are enough in kind or scope to effect parts of system operation already tested, then the effected parts shall be retested also. If a reliable determination of the effect of changes made by the PANEL FABRICATOR cannot be made, then the ENGINEER's representative may require that all operations be retested. The PANEL FABRICATOR shall bear all its own costs for the factory test, including any required retesting.

3.7 FIELD CALIBRATION, TESTING, AND INSTRUCTION

General: The CP shall be tested again for functional operation in the field after the connection of external conductors and prior to equipment startup. Field calibration, testing, and instruction shall be performed in accordance with Section 40 90 00 – Process Control and Instrumentation Systems.

-END OF SECTION-

CITY OF BETHEL

QFC #2 Lift Station Improvements

Addendum No. 1
November 5, 2025

1 Page

The information in this Addendum modifies and changes the original Bid Documents. In case of conflicts between this Addendum and previously issued documents, this Addendum shall take precedence.

This Addendum changes the bid due date and time to **Monday, NOVEMBER 17 at 4:00PM.**

End of Addendum

CITY OF BETHEL

QFC #2 Lift Station Improvements

Addendum No. 2

November 11, 2025

1 Page

The information in this Addendum modifies and changes the original Bid Documents. In case of conflicts between this Addendum and previously issued documents, this Addendum shall take precedence.

Bidders shall include the PROCUREMENT AND DELIVERY only of the following wet well mixer:

Flygt Mixer Model 4620 2.3hp, 460V, 3 Phase Mixer with Flygt Grip Eye Lifting System or Engineer Approved Equivalent.

Price for PROCUMENT AND DELIVERY shall be included in Bid ITEM 103.

The following questions have been asked in at least one form:

Question 1: Are you wanting to monitor Methane or Hydrogen Sulfide or both?

Answer 1: Yes. Methane and Hydrogen Sulfide detection are both needed as indicated in the specification.

Question 2: Can you point us to the specification or part number for these devices please?

Answer 2: See attached specification **SECTION 40 75 00 – GAS DETECTORS**

Question 3: We expect the decommissioning/de-energizing/by-pass/and installation of new valves and pumps to take a few days of nonstop work. Is the expected volume of waste flow from the FAA lift station known? Does the City of Bethel's vactor-trucks have the nonstop capacity to handle these flows during this work?

Answer 3: Yes, it is anticipated the City will be responsible for pumping from the FAA lift station wet well while QFC#2 is decommissioned. The City's sewer vacuum trucks and staff will be made available for pumping from the FAA lift station wet well.

This addendum does not change the Bid Due Date or Time further.

No further questions will be accepted.

End of Addendum

SECTION 40 75 00 – GAS DETECTORS

PART 1 -- GENERAL

1.1 THE REQUIREMENT

A. General: The CONTRACTOR shall provide pressure measuring systems, complete and operable, in accordance with the Contract Documents.

B. The requirements of Section 40 90 00 – Process Control and Instrumentation Systems apply to the WORK of this Section.

C. All instruments shall be FM-approved, or equal.

1.2 SUBMITTALS

A. In accordance with the requirements of Section 01300, submit the following Project Data:
1. Descriptive literature bulletins, and catalog cuts of the equipment.
2. Materials of construction.
3. Complete wiring diagrams.
4. Complete installation instructions, with points of electrical connection requirements clearly shown.

1.3 QUALITY ASSURANCE

A. Manufacturer Capability Requirements - As a minimum, the Gas Monitoring Equipment manufacturer must meet the following requirements.
1. The manufacturer must be capable of supplying all equipment used to check or calibrate the sensor/transmitter units.
2. The manufacturer must be capable of providing on-site service with factory trained personnel.
3. The manufacturer must be capable of providing on-site training for owner/operator.
4. Equipment shall be of the latest approved designs manufactured by a nationally recognized manufacturer and in conformity with the governing NEMA standards.

B. Approvals: Detectors shall be UL listed and be rated for Class I, Division 1, Groups C&D hazardous locations.

1.4 WARRANTY

A. The IR source in the infrared sensor will have a minimum useful life of ten (10) years. The supplier will provide replacement sensors at no charge for any sensor that does not meet the minimum requirement.

PART 2 -- PRODUCTS

2.1 ACCEPTABLE MANUFACTURER'S

A. MSA Ultima X5000 Series

B. Or equal.

2.2 INFRARED COMBUSTIBLE GAS SENSOR/TRANSMITTER

A. Gas sensor/transmitter shall be capable of detecting combustible gases including methane (5%) and hydrogen sulfide (100) 0-100 ppm LEL levels.

B. Sensor/transmitter enclosure shall be 316 stainless steel explosion-proof.

C. The infrared (IR) combustible sensor must be capable of calibration without gas. The sensor/transmitter must be capable of performing a full calibration by zero adjustment only.

D. The IR sensor/transmitter shall detect for an above 100% LEL condition (over-range). This condition must be indicated on the front panel LCD.

E. The IR sensor/transmitter shall not contain a flashback arrestor / frit.

F. The IR sensor/transmitter must allow for a gas check without alternate calibration / gas check fittings or cap.

G. Operating Voltage - The sensor/transmitter shall operate between 8-30 VDC loop power.

H. Sensor/transmitter electronics shall consist of one PCB. This PCB shall offer expandability to allow for optional LED's and relays.

I. The single PCB shall not require tools for installation or removal.

J. The single PCB must be self-aligning in the enclosure.

K. Sensor/transmitter shall allow for optional reset connector for resetting latched alarms.

L. Set-up and start-up of the sensor/transmitter will be so that the enclosure need not be opened during this process.

M. Sensor/transmitter shall be factory calibrated, ready for use out of the box. A gas check is all that is required to ensure proper operation.

N. Sensor/transmitter shall contain no pots, jumpers or switches.

O. Sensor/transmitter output signal shall be 4 to 20mA.

P. Sensor/transmitter shall have optional relays. Relays shall be rated at 5 amps @ 30VDC, 5 amps @ 220VAC, single-pole, double-throw and consist of three for alarm levels and one for fault. All relay contact activation will be monitored. If the relay cannot activate for any reason, the trouble relay will change state. All relays shall be field selectable through a non-intrusive hand-held wireless remote control unit (Controller) or a HART hand held communicator. Selectable features include:

1. Alarm level
2. Latching / Non-latching
3. Upscale / Downscale
4. Normally-opened / Normally-closed
5. Energized / De-energized

Q. Sensor/transmitter shall allow for full range scaling of the 4-20mA-output signal.

R. Sensor/transmitter will be capable of storing and displaying average, minimum and maximum gas concentrations over selected periods of time.

S. The sensor/transmitter will give an indication of when sensor is nearing the end of its useful life by means of the front panel LCD. This indication that the sensor is nearing its useful life will be based on the sensor output. It shall not be based on the time the sensor was in service.

T. The sensor/transmitter units can be located remote from a monitor/readout unit by up to 4000 feet via properly gauge wire.

U. Sensor/Transmitter Remote Sensor Mounting:

1. The sensor portion of the sensor/transmitter unit will be capable of being able to be remotely mounted from the electronics and display. The separate sensor enclosure will be able to be mounted up to one hundred (100) feet from the main enclosure.
2. The sensor housing for the explosion-proof Gas Monitor will be in an enclosure suitable for location in Class I, Division 1, Groups A, B, C & D, Class II, Division 1, Groups E & F, Class III classified areas.
3. A two twisted pair cable will connect the sensor housing and the calibration electronics.
4. The readout portion of the sensor/transmitter shall have a display of the concentration of gas present. The display will be visible from a minimum of 5 feet and will be present at all times. It will not be required to be turned on or off. This readout will be three, one half inch digit Liquid Crystal Displays (LCD).

2.3 SENSOR/TRANSMITTER DISPLAY

A. There will be a local display indicating the gas type being monitored and the concentration of gas present. The display will alternate between the gas type (1 second) and gas concentration (5 seconds). The display will be an integral part

of the sensor/transmitter enclosure. The display will be visible from a minimum of 5 feet and will be present always, and will not require being turned on or off. This readout will be three, one half-inch (3 1/2") digit Liquid Crystal Displays (LCD).

B. Sensor/transmitter display shall indicate all diagnostic check/fault conditions with a scrolling message detailing the condition. Error codes shall not be used.

C. Sensor/transmitter will display 3 levels of alarm. Alarm levels will be adjustable by means of a hand held infrared controller or a HART hand held communicator.

D. Sensor/transmitter shall have optional LED's, viewable from 50 feet, minimum. The LED's shall operate as follows:
   1. Solid green LED – normal operation (measure mode)
   2. Solid red LED – fault condition
   3. Blinking red LED – alarm condition

2.4 MANUFACTURER

A. The following sensor/transmitters shall be a **MSA Ultima XIR X5000 Gas Monitor Sensor/Transmitter model # A-X5000M11022600** or equal.

PART 3 -- EXECUTION

3.1 INSTALLATION

A. Gas sensors/transmitters shall be installed where shown on the drawings. Provide all mounting brackets, hardware, wiring, junction boxes, etc. as required for a complete and functioning system.

B. Install per manufacturer's recommendations and instructions. A mounting strap shall be used which mounts the sensor/transmitter to a wall or similar structure.

C. The mounting strap shall attach to the sensor/transmitter via two tapped and threaded holes on the rear of the sensor/transmitter. There shall be no brackets or clamps to secure this strap to the sensor/transmitter.

D. Provide PE tubing between the transmitter and sensor in accordance with manufacturer's recommendations to facilitate calibration from ground level.

E. The Integrator shall be responsible for coordinating the installation of each instrument with the Contractor. This shall include installation of the instrumentation, mounting hardware, and ancillary equipment. The instrumentation shall be physically installed by the Contractor or, at the option of the Contractor, by the Integrator in accordance with the installation drawings.

F. Installation shall include all sensors and transmitters and all interconnecting wiring between all sensors, transmitters, junction boxes, and panels. All wiring between panels and transmitters shall be labeled at both ends for ease of servicing.

G. All terminations shall be made with solderless pressure connectors. All wiring shall be in accordance with the requirements of the wiring specifications.

H. Grounding shall follow NEC and manufacturer requirements. Control signal ground wires shall be electrically connected to ground at a single location so as not to induce ground loops. When powering instrumentation from panels other than their associated control panel, isolation shall be used to interface with the instrument control signal at the control panel. Control signal grounding of instrumentation and equipment shall conform to the manufacturer's standards.

I. Wiring in hazardous locations shall meet the requirements of the NEC. Installation of instrumentation located in Class I Division 1 locations shall conform to Article 504 of the NEC for Intrinsically Safe Systems. Personnel familiar with the installation of instrumentation in hazardous areas shall perform the installation.

3.2 NON-INTRUSIVE CALIBRATION CAPABILITY

A. All sensor/transmitters can be calibrated without opening any enclosures.

B. By means of a non-intrusive hand held wireless remote control unit or a HART hand held communicator, the sensor/transmitter will enter the calibration mode. The display of the sensor/transmitter will instruct the user on when to apply zero and span gas. The sensor/transmitter will automatically adjust its internal settings to the proper calibration values without further intervention by the user. Upon completion of a successful calibration, the sensor transmitter will exit the calibration mode. Date stamp of last successful calibration will be retained in the sensor/transmitter internal memory, with capability to be displayed on LCD. If calibration is unsuccessful for any reason, the display must show an unsuccessful calibration attempt and revert to its previous calibration settings. Use of flashlight type devices, magnets or clamp-on devices to achieve calibration is not acceptable. The acceptable methods are to use a transmitter, which employs a digitally encoded infrared light beam, or a HART hand held communicator.

-END OF SECTION-

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CITY OF BETHEL

QFC #2 Lift Station Improvements

Addendum No. 3

November 12, 2025

1 Page

The information in this Addendum modifies and changes the original Bid Documents. In case of conflicts between this Addendum and previously issued documents, this Addendum shall take precedence.

This Addendum changes the bid due date and time to **Wednesday, NOVEMBER 19 at 4:00PM.**

No further questions will be accepted.

End of Addendum

City of Bethel Action Memorandum

Action memorandum No.	25-40		
Date action introduced:	December 16, 2025	Introduced by:	Mayor Henderson
Date action taken:		Approved	Denied
Confirmed by:			

Title: Appointment and re-appointment of Committee and Commission Members for a term of three years.

If approved, the terms for re-appointment begin on January 1, 2026

To maintain staggered terms, the term expiration date for appointments will be December 31, 2028 unless otherwise stated.

Attachment(s): None Attachment(s): none

Amount of fiscal impact:		**Account information:**
x	No fiscal impact	

Planning Commission

Shadi Rabi has applied for re-appointment; term expiration is December 31, 2028.

Community Action Grant Committee

Louise Mae Russell has applied for re-appointment; term expiration is December 31, 2028.

Public Safety and Transportation Commission

Joy Anderson has applied for re-appointment; term expiration is December 31, 2028.

Community Parks and Recreation Committee

Sean Glasheen has applied for re-appointment; term expiration is December 31, 2028.

Finance Committee

Carol Ann Willard has applied for re-appointment; term expiration is December 31, 2028.

Port Commission

Michael Meeks has applied for re-appointment; term expiration is December 31, 2028.

City of Bethel Action Memorandum

Action memorandum No.	25-41		
Date action introduced:	December 16, 2025	Introduced by:	Mayor Henderson
Date action taken:		Approved	Denied
Confirmed by:			

Title: Approving the Regular City Council meeting dates for 2026.

Amount of fiscal impact:		**Account information:**
x	No fiscal impact	

Month	2nd Tuesday	4th Tuesday
January	13	27
February	10	24
March	10	24
April	14	28
May	12	26
June	9	23
July	14	28
August	11	25
September	8	22
October	13	27
November	10	-
December	8	-

According to BMC 2.04.010, Regular meetings of the city council shall be held on the second and fourth Tuesdays of each month and may be postponed or rescheduled to another date upon a vote of the majority of the councilmembers at a previous regular or special meeting.

This AM proposes to amend the 2026 Regular Meeting Calendar by canceling the 2nd meeting held in November and December.

In the past, Council has decided to cancel the second meeting in November and December due to the holiday season. The items that would fall on a cancelled date would automatically be postponed until the next regular meeting.

City of Bethel Information Memorandum

Information Memo No.	IM 25-11		
Date introduced:	December 16, 2025	Introduced by:	City Manager Strickler
Amened actions:			
Confirmed by:			

Title: Documentation that the Bethel City Council Received and Reviewed the Full Financial Budget Report and Water & Wastewater Activity Report for the Month of October and November 2025.

Attachment(s): (1) City of Bethel Full Financial Budget Report July 2025- November 2025 (2) Water & Wastewater Activity Report October & November 2025.

Summary Statement

The attached financial report contains data for the month of November 2025. The information contained therein, and the contents of the Water & Wastewater Activity Report are distributed to Bethel City Council members for their review. This information Memorandum documents the dissemination of this report to Bethel City Council members, as required by the Alaska Department of Commerce, Community and Economic Development, Division of Community and Regional Affairs, in their administration of the Best Practices protocol.

The process of preparing and submitting a monthly financial report and a water and wastewater activity report to City Council helps the City earn points on the Water and Sewer Utility Best Practices Operation and Maintenance Reports. The city must have a score of 60 or greater out of 100 points in order to be approved for funding from the Environmental Protection Agency (EPA) and the Alaska Department of Environmental Conservation (DEC). In other capital grants administered by DEC's Village Safe Water Program, the city's Best Practices score is an application scoring criterion.

Due to the City Council's amended city council meetings schedule, the data necessary to complete both the financial report, and the water treatment report was not available by the packet deadline for the first meeting in November. The second council meeting in November was cancelled because of the holiday. Both the October and November Data is being submitted in December to accommodate the RUBA requirements.

CITY OF BETHEL
REVENUES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
	TAXES					
100-40-4300	TAX - SALES	555,390.28	1,989,472.79	8,400,000.00	6,410,527.21	23.7
100-40-4301	PENALTIES & INT - SALES TAX	13,725.26	25,296.30	58,204.00	32,907.70	43.5
100-40-4310	TAX - TRANSIENT LODGING	110,216.95	203,701.49	517,772.00	314,070.51	39.3
100-40-4320	CIGARETTE AND TOBACCO TAX	56,956.78	153,693.91	612,958.00	459,264.09	25.1
100-40-4322	MARIJUANA TAX	60,205.18	184,311.53	930,298.00	745,986.47	19.8
100-40-4330	TAX - ALCOHOL USE	24,184.69	89,885.69	394,766.00	304,880.31	22.8
100-40-4340	TAX - MOTOR VEH REGISTRATION	.00	4,761.33	58,548.00	53,786.67	8.1
100-40-4342	AK REMOTE SELLER SALES TAX	(31,563.18)	55,525.63	1,122,638.00	1,067,112.37	5.0
	TOTAL TAXES	789,115.96	2,706,648.67	12,095,184.00	9,388,535.33	22.4
	STATE & FEDERAL REVENUES					
100-42-4102	PILT PROGRAM - STATE	.00	.00	1,106,744.00	1,106,744.00	.0
100-42-4203	COMMUNITY DIVIDEND	.00	.00	121,737.00	121,737.00	.0
100-42-4345	SOA ELECTRIC CO-OP TAX SHARE	.00	.00	21,697.00	21,697.00	.0
	TOTAL STATE & FEDERAL REVENUES	.00	.00	1,250,178.00	1,250,178.00	.0
	CHARGES FOR SERVICES					
100-43-4360	COMMUNITY PARKS & RECREATION	.00	.00	632,000.00	632,000.00	.0
100-43-4374	AMBULANCE REVENUE	.00	4,455.56	160,000.00	155,544.44	2.8
	TOTAL CHARGES FOR SERVICES	.00	4,455.56	792,000.00	787,544.44	.6
	LICENSES, PERMITS & FEES					
100-45-4341	GAMING TAX	118,192.24	200,840.98	574,062.00	373,221.02	35.0
100-45-4377	PARKS & REC JULY 4TH FEES	.00	250.00	.00	(250.00)	.0
100-45-4500	TAXI PERMITS	4,750.00	25,150.00	137,810.00	112,660.00	18.3
100-45-4502	BUSINESS LICENSES	.00	500.00	32,000.00	31,500.00	1.6
100-45-4504	ANIMAL CONTROL LICENSES	.00	150.00	2,200.00	2,050.00	6.8
100-45-4510	PLANNING FEES	.00	4,333.00	10,450.00	6,117.00	41.5
100-45-4511	PLAT/RECORDING FEES	.00	.00	2,920.00	2,920.00	.0
100-45-4512	SITE REVIEWS	.00	5,100.00	1,440.00	(3,660.00)	354.2
100-45-4559	MISC PERMITS/LICENSES/FEE	5,456.00	12,768.00	6,642.00	(6,126.00)	192.2
	TOTAL LICENSES, PERMITS & FEES	128,398.24	249,091.98	767,524.00	518,432.02	32.5

CITY OF BETHEL
REVENUES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
	MISCELLANEOUS					
100-49-4202	SOA COURT FINES/FEES	.00	990.00	13,236.00	12,246.00	7.5
100-49-4362	PC TICKETS	.00	325.00	2,986.00	2,661.00	10.9
100-49-4379	POLICE DEPT MISC	235.00	2,996.52	6,820.00	3,823.48	43.9
100-49-4439	MISCELLANEOUS REVENUE	385.00	1,155.00	6,754.00	5,599.00	17.1
100-49-4590	INVESTMENT INCOME	.00	16,009.52	1,075,220.00	1,059,210.48	1.5
100-49-9482	SNOW REMOVAL	.00	.00	32,000.00	32,000.00	.0
	TOTAL MISCELLANEOUS	620.00	21,476.04	1,137,016.00	1,115,539.96	1.9
	TOTAL FUND REVENUE	918,134.20	2,981,672.25	16,041,902.00	13,060,229.75	18.6

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	ADMINISTRATION					
100-51-6000	SALARIES	29,301.96	134,195.01	411,991.00	277,795.99	32.6
100-51-6023	LEAVE CASHOUT	.00	.00	20,600.00	20,600.00	.0
100-51-6030	SOCIAL SECURITY EXPENSE	238.86	1,309.35	3,030.00	1,720.65	43.2
100-51-6031	PAYABLE MEDICARE FICA	433.39	1,978.58	5,974.00	3,995.42	33.1
100-51-6032	UNEMPLOYMENT	.00	.00	2,841.00	2,841.00	.0
100-51-6033	WORKERS' COMPENSATION	.00	119.30	1,064.00	944.70	11.2
100-51-6034	PERS	5,598.91	24,876.98	79,888.00	55,011.02	31.1
100-51-6040	EMPLOYEE GROUP BENEFITS	2,080.32	8,953.66	62,424.00	53,470.34	14.3
100-51-6041	UTILITY BENEFIT	586.80	2,347.20	4,560.00	2,212.80	51.5
100-51-6044	YK FITNESS CENTER MEMBERSHIPPR	.00	.00	40,000.00	40,000.00	.0
100-51-6060	TRAVEL/TRAINING	1,593.91	1,593.91	20,000.00	18,406.09	8.0
100-51-6100	SUPPLIES	124.94	148.83	7,000.00	6,851.17	2.1
100-51-6150	GASOLINE/DIESEL/OIL	91.86	395.49	2,000.00	1,604.51	19.8
100-51-6153	HEATING FUEL	1,744.64	5,733.54	32,000.00	26,266.46	17.9
100-51-6155	WATER/SEWER/GARBAGE	.00	2,547.46	13,100.00	10,552.54	19.5
100-51-6160	ELECTRICITY	6,249.43	12,246.76	24,150.00	11,903.24	50.7
100-51-6170	TELEPHONE	269.28	1,274.93	11,254.00	9,979.07	11.3
100-51-6171	STAFF CELLULAR PHONES	.00	149.58	1,197.00	1,047.42	12.5
100-51-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
100-51-6230	VEHICLE MAINT/REPAIR	.00	1,158.92	2,271.00	1,112.08	51.0
100-51-6231	VEHICLE PARTS & TOOLS	.00	250.00	.00	(250.00)	.0
100-51-6325	CONSULTING FEES	.00	.00	20,000.00	20,000.00	.0
100-51-6333	JANITORIAL	1,300.00	5,225.00	15,000.00	9,775.00	34.8
100-51-6335	OTHER PURCHASED SERVICES	2,347.60	12,758.24	142,500.00	129,741.76	9.0
100-51-6400	INSURANCE	.00	5,287.10	32,666.00	27,378.90	16.2
100-51-6401	INSURANCE-DED EXP & OTHER	.00	.00	10,000.00	10,000.00	.0
100-51-6430	ALLOWANCE FOR SPECIAL EVENTS	.00	398.46	20,000.00	19,601.54	2.0
100-51-6500	DRUG TESTING/BCKGRND CKS	380.06	5,325.08	.00	(5,325.08)	.0
100-51-6503	DUES & SUBSCRIPTIONS	.00	200.00	2,000.00	1,800.00	10.0
100-51-6506	POSTAGE	.00	80.15	1,000.00	919.85	8.0
100-51-6539	MISCELLANEOUS EXPENSES	.00	.00	1,500.00	1,500.00	.0
100-51-6700	INDIRECT COST RECOVERY	.00	(60,526.24)	.00	60,526.24	.0
100-51-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.57	.00	(6,761.57)	.0
100-51-6890	CAPITAL EXPENDITURES	376.83	1,972.11	.00	(1,972.11)	.0
	TOTAL ADMINISTRATION	52,718.79	176,760.97	1,027,598.00	850,837.03	17.2

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	CITY CLERKS OFFICE					
100-52-6000	SALARIES	10,155.22	42,237.19	107,328.00	65,090.81	39.4
100-52-6023	LEAVE CASHOUT / PAYOUT	.00	.00	5,366.00	5,366.00	.0
100-52-6030	SOCIAL SECURITY EXPENSE	132.67	385.36	1,116.00	730.64	34.5
100-52-6031	PAYABLE MEDICARE FICA	149.70	622.21	1,556.00	933.79	40.0
100-52-6032	UNEMPLOYMENT	.00	.00	1,031.00	1,031.00	.0
100-52-6033	WORKERS' COMPENSATION	.00	31.08	232.00	200.92	13.4
100-52-6034	P.E.R.S.	1,763.38	7,924.83	23,612.00	15,687.17	33.6
100-52-6040	EMPLOYEE GROUP BENEFITS	1,101.04	4,455.36	20,808.00	16,352.64	21.4
100-52-6041	UTILITY BENEFIT	198.95	795.80	4,560.00	3,764.20	17.5
100-52-6060	TRAVEL/TRAINING-COUNCIL	.00	(128.64)	21,200.00	21,328.64	(.6)
100-52-6061	TRAVEL/TRAINING	.00	.00	4,800.00	4,800.00	.0
100-52-6100	SUPPLIES-CLERK	.00	.00	500.00	500.00	.0
100-52-6101	SUPPLIES-COUNCIL	.00	.00	600.00	600.00	.0
100-52-6171	STAFF CELLULAR PHONES	.00	299.16	598.00	298.84	50.0
100-52-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
100-52-6321	LEGAL FEES	.00	.00	7,000.00	7,000.00	.0
100-52-6335	OTHER PURCHASED SERVICES	17,439.33	17,757.83	34,270.00	16,512.17	51.8
100-52-6400	INSURANCE	.00	629.44	3,889.00	3,259.56	16.2
100-52-6430	ALLOWANCE FOR SPECIAL EVENTS	.00	.00	600.00	600.00	.0
100-52-6502	ADVERTISING	.00	.00	40,000.00	40,000.00	.0
100-52-6503	DUES & SUBSCRIPTIONS	.00	6,507.52	7,195.00	687.48	90.5
100-52-6505	ELECTION EXPENSES	2,029.10	6,561.08	20,450.00	13,888.92	32.1
100-52-6507	DONATIONS & AWARDS	416.30	416.30	800.00	383.70	52.0
100-52-6700	INDRIECT COST RECOVERY	.00	(4,544.94)	.00	4,544.94	.0
100-52-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.57	.00	(6,761.57)	.0
	TOTAL CITY CLERKS OFFICE	33,385.69	90,711.15	345,099.00	254,387.85	26.3

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	FINANCE					
100-53-6000	SALARIES	44,623.68	166,617.39	572,674.00	406,056.61	29.1
100-53-6010	OVERTIME	289.69	1,232.73	10,000.00	8,767.27	12.3
100-53-6023	LEAVE CASHOUT	.00	.00	11,174.00	11,174.00	.0
100-53-6030	SOCIAL SECURITY EXPENSE	323.18	788.18	.00	(788.18)	.0
100-53-6031	PAYABLE MEDICARE FICA	673.31	2,522.33	8,449.00	5,926.67	29.9
100-53-6032	UNEMPLOYMENT	.00	537.79	5,149.00	4,611.21	10.4
100-53-6033	WORKERS' COMPENSATION	.00	168.74	1,261.00	1,092.26	13.4
100-53-6034	PERS	8,734.16	34,130.20	128,188.00	94,057.80	26.6
100-53-6040	EMPLOYEE GROUP BENEFITS	3,223.28	12,772.24	150,858.00	138,085.76	8.5
100-53-6041	UTILITY BENEFIT	1,652.17	6,179.48	33,060.00	26,880.52	18.7
100-53-6060	TRAVEL/TRAINING	233.00	483.00	20,000.00	19,517.00	2.4
100-53-6100	SUPPLIES	153.52	1,370.64	10,000.00	8,629.36	13.7
100-53-6150	GASOLINE/DIESEL/OIL	.00	.00	1,200.00	1,200.00	.0
100-53-6170	TELEPHONE	8.35	33.40	100.00	66.60	33.4
100-53-6179	CONNECTIVITY SERVICES	.00	.00	37,588.00	37,588.00	.0
100-53-6200	MINOR EQUIPMENT	.00	568.02	8,000.00	7,431.98	7.1
100-53-6230	VEHICLE MAINT/REPAIR	.00	121.06	2,271.00	2,149.94	5.3
100-53-6310	ADMIN-OUTSOURCED SERVICES	.00	.00	110,000.00	110,000.00	.0
100-53-6311	AUDITING EXPENSE	.00	41,561.31	205,500.00	163,938.69	20.2
100-53-6331	HARDWARE/SOFTWARE SUPPORT	.00	10,614.00	32,904.00	22,290.00	32.3
100-53-6335	OTHER PROFESSIONAL FEES	3,538.00	18,856.03	125,000.00	106,143.97	15.1
100-53-6400	INSURANCE	.00	3,417.70	21,116.00	17,698.30	16.2
100-53-6502	ADVERTISING	.00	.00	2,500.00	2,500.00	.0
100-53-6503	DUES & SUBSCRIPTIONS	.00	.00	5,000.00	5,000.00	.0
100-53-6506	POSTAGE	.00	78.00	1,000.00	922.00	7.8
100-53-6530	FINANCE CHARGES/PENALTIES	.00	.00	300.00	300.00	.0
100-53-6531	BANK CHARGES	.00	6,361.74	52,500.00	46,138.26	12.1
100-53-6533	IRS PENALTIES AND INTEREST	.00	(123.14)	2,000.00	2,123.14	(6.2)
100-53-6539	MISCELLANEOUS EXPENSES	.00	47.33	4,000.00	3,952.67	1.2
100-53-6700	INDIRECT COST RECOVERY	.00	(96,380.78)	.00	96,380.78	.0
100-53-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.57	.00	(6,761.57)	.0
	TOTAL FINANCE	63,452.34	218,718.96	1,561,792.00	1,343,073.04	14.0

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	PLANNING					
100-54-6000	SALARIES	12,599.95	56,621.64	166,160.00	109,538.36	34.1
100-54-6010	OVERTIME	.00	108.25	.00	(108.25)	.0
100-54-6023	LEAVE CASHOUT	.00	.00	3,323.00	3,323.00	.0
100-54-6031	PAYABLE MEDICARE FICA	192.26	860.85	2,409.00	1,548.15	35.7
100-54-6032	UNEMPLOYMENT	.00	.00	1,420.00	1,420.00	.0
100-54-6033	WORKERS' COMPENSATION	.00	48.12	360.00	311.88	13.4
100-54-6034	PERS	2,771.99	12,480.59	36,555.00	24,074.41	34.1
100-54-6040	EMPLOYEE GROUP BENEFITS	3,585.22	14,378.39	41,616.00	27,237.61	34.6
100-54-6041	UTILITY BENEFIT	789.65	3,319.44	9,120.00	5,800.56	36.4
100-54-6061	TRAVEL/TRAINING	.00	.00	10,000.00	10,000.00	.0
100-54-6100	SUPPLIES	.00	67.01	4,200.00	4,132.99	1.6
100-54-6150	GASOLINE/DIESEL/OIL	150.19	441.58	2,000.00	1,558.42	22.1
100-54-6153	HEATING FUEL	.00	.00	3,402.00	3,402.00	.0
100-54-6155	WATER/SEWER/GARBAGE	.00	.00	760.00	760.00	.0
100-54-6160	ELECTRICITY	.00	.00	3,930.00	3,930.00	.0
100-54-6170	TELEPHONE	3.34	13.36	.00	(13.36)	.0
100-54-6171	STAFF CELLULAR PHONES	.00	149.58	598.00	448.42	25.0
100-54-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
100-54-6230	VEHICLE MAINT/REPAIR	.00	90.78	1,703.00	1,612.22	5.3
100-54-6231	VEHICLE PARTS & TOOLS	.00	.00	1,000.00	1,000.00	.0
100-54-6320	OTHER PROFESSIONAL FEES	.00	.00	40,000.00	40,000.00	.0
100-54-6400	INSURANCE	.00	1,240.76	7,666.00	6,425.24	16.2
100-54-6502	ADVERTISING	.00	1,160.40	3,000.00	1,839.60	38.7
100-54-6503	DUES & SUBSCRIPTIONS	.00	.00	1,000.00	1,000.00	.0
100-54-6539	MISCELLANEOUS EXPENSES	.00	.00	3,500.00	3,500.00	.0
100-54-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.57	.00	(6,761.57)	.0
	TOTAL PLANNING	20,092.60	97,742.32	381,310.00	283,567.68	25.6
	TECHNOLOGY DEPARTMENTS					
100-55-6150	GASOLINE/DIESEL/OIL	.00	165.92	.00	(165.92)	.0
100-55-6171	STAFF CELLULAR PHONES	.00	378.96	.00	(378.96)	.0
100-55-6179	CONNECTIVITY SERVICES	399.95	72,683.40	339,526.00	266,842.60	21.4
100-55-6200	MINOR EQUIPMENT	.00	.00	25,643.00	25,643.00	.0
100-55-6210	EQUIPMENT RENTAL	5,423.52	21,789.22	256,487.00	234,697.78	8.5
100-55-6230	VEHICLE MAINT/REPAIR	.00	181.56	.00	(181.56)	.0
100-55-6320	OTHER PROFESSIONAL FEES	.00	75,279.90	268,500.00	193,220.10	28.0
100-55-6331	HARDWARE/SOFTWARE SUPPORT	.00	52,998.00	.00	(52,998.00)	.0
100-55-6335	OTHER PURCHASED SERVICES	779.00	779.00	.00	(779.00)	.0
100-55-6400	INSURANCE	.00	266.24	.00	(266.24)	.0
100-55-6700	INDIRECT COST RECOVERY	.00	(155,796.71)	864,513.00	1,020,309.71	(18.0)
100-55-6711	ADMIN OVERHEAD-IT SVCS	.00	7,042.05	.00	(7,042.05)	.0
100-55-6890	CAPITAL EXPENDITURES	.00	42,150.04	.00	(42,150.04)	.0
	TOTAL TECHNOLOGY DEPARTMENTS	6,602.47	117,917.58	1,754,669.00	1,636,751.42	6.7

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	CITY ATTORNEY'S OFFICE					
100-56-6000	SALARIES	12,400.68	55,730.12	161,999.00	106,268.88	34.4
100-56-6023	LEAVE CASHOUT	.00	.00	3,161.00	3,161.00	.0
100-56-6031	PAYABLE MEDICARE FICA	178.50	802.85	2,292.00	1,489.15	35.0
100-56-6032	UNEMPLOYMENT	.00	.00	710.00	710.00	.0
100-56-6033	WORKERS' COMPENSATION	.00	46.92	342.00	295.08	13.7
100-56-6034	PERS	2,728.14	12,260.59	35,640.00	23,379.41	34.4
100-56-6040	EMPLOYEE GROUP BENEFITS	2,050.32	8,259.43	20,808.00	12,548.57	39.7
100-56-6060	TRAVEL/TRAINING	.00	(1,178.00)	12,000.00	13,178.00	(9.8)
100-56-6171	STAFF CELLULAR PHONES	.00	149.58	598.00	448.42	25.0
100-56-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
100-56-6321	LEGAL FEES	.00	3,248.90	15,000.00	11,751.10	21.7
100-56-6335	OTHER PURCHASED SERVICES	581.70	2,326.80	30,000.00	27,673.20	7.8
100-56-6400	INSURANCE	.00	950.24	5,871.00	4,920.76	16.2
100-56-6503	DUES & SUBSCRIPTIONS	.00	50.00	1,000.00	950.00	5.0
100-56-6539	MISCELLANEOUS EXPENSES	.00	.00	1,200.00	1,200.00	.0
100-56-6700	INDIRECT COST RECOVERY	.00	(14,239.00)	.00	14,239.00	.0
100-56-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.57	.00	(6,761.57)	.0
	TOTAL CITY ATTORNEY'S OFFICE	17,939.34	75,170.00	328,209.00	253,039.00	22.9

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	FIRE DEPARTMENT					
100-60-6000	SALARIES	57,343.33	231,684.09	719,804.00	488,119.91	32.2
100-60-6010	FLSA OVERTIME	4,031.90	37,192.61	150,000.00	112,807.39	24.8
100-60-6011	CALL BACK OVERTIME	5,262.98	24,653.38	75,000.00	50,346.62	32.9
100-60-6023	LEAVE CASHOUT	.00	6,073.70	42,341.00	36,267.30	14.3
100-60-6030	SOCIAL SECURITY EXPENSE	.00	340.17	1,550.00	1,209.83	22.0
100-60-6031	PAYABLE MEDICARE FICA	1,022.07	4,577.11	14,062.00	9,484.89	32.6
100-60-6032	UNEMPLOYMENT	.00	.00	7,812.00	7,812.00	.0
100-60-6033	WORKERS' COMPENSATION	.00	5,081.20	36,596.00	31,514.80	13.9
100-60-6034	PERS	13,545.48	62,490.63	207,857.00	145,366.37	30.1
100-60-6040	EMPLOYEE GROUP BENEFITS	7,242.15	29,586.80	228,888.00	199,301.20	12.9
100-60-6041	UTILITY BENEFIT	4,332.28	16,877.50	50,160.00	33,282.50	33.7
100-60-6060	TRAVEL/TRAINING	395.00	1,926.99	59,800.00	57,873.01	3.2
100-60-6100	SUPPLIES	1,568.75	5,997.70	27,400.00	21,402.30	21.9
100-60-6103	WEARING APPAREL	691.08	2,898.85	20,800.00	17,901.15	13.9
100-60-6150	GASOLINE/DIESEL/OIL	1,487.60	6,754.84	26,000.00	19,245.16	26.0
100-60-6153	HEATING FUEL	1,081.81	1,436.77	40,000.00	38,563.23	3.6
100-60-6155	WATER/SEWER/GARBAGE	.00	3,907.29	22,000.00	18,092.71	17.8
100-60-6160	ELECTRICITY	1,964.69	6,917.85	20,000.00	13,082.15	34.6
100-60-6170	TELEPHONE	373.29	1,104.67	2,932.00	1,827.33	37.7
100-60-6171	STAFF CELLULAR PHONES	.00	685.71	2,992.00	2,306.29	22.9
100-60-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
100-60-6200	MINOR EQUIPMENT	.00	.00	15,000.00	15,000.00	.0
100-60-6230	VEHICLE MAINT/REPAIR	.00	3,419.08	20,375.00	16,955.92	16.8
100-60-6231	VEHICLE PARTS & TOOLS	199.81	6,763.34	35,000.00	28,236.66	19.3
100-60-6240	PROPERTY MAINT	.00	945.23	20,000.00	19,054.77	4.7
100-60-6335	OTHER PURCHASED SERVICES	57.68	5,313.05	31,000.00	25,686.95	17.1
100-60-6400	INSURANCE	.00	15,276.68	94,386.00	79,109.32	16.2
100-60-6502	ADVERTISING	.00	.00	500.00	500.00	.0
100-60-6503	DUES & SUBSCRIPTIONS	2,244.00	5,891.46	15,200.00	9,308.54	38.8
100-60-6534	COLLECTION/SMALL CLAIMS	.00	610.33	31,200.00	30,589.67	2.0
100-60-6537	FIRE PREVENTION PROGRAM	.00	.00	7,500.00	7,500.00	.0
100-60-6539	MISCELLANEOUS EXPENSES	.00	.00	1,500.00	1,500.00	.0
100-60-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.57	.00	(6,761.57)	.0
100-60-6890	CAPITAL EXPENDITURES	.00	106,200.36	.00	(106,200.36)	.0
100-60-6891	CAPITAL EXP-LADDER TRUCK LEASE	.00	.00	71,218.00	71,218.00	.0
100-60-9649	VOLUNTEER STIPEND	.00	1,073.00	25,000.00	23,927.00	4.3
	TOTAL FIRE DEPARTMENT	102,843.90	602,441.96	2,161,461.00	1,559,019.04	27.9

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	POLICE					
100-61-6000	SALARIES	142,570.23	717,613.19	2,339,186.00	1,621,572.81	30.7
100-61-6002	RELOCATION EXPENSES	(4,000.00)	(4,000.00)	10,000.00	14,000.00	(40.0)
100-61-6010	OVERTIME	48,077.52	154,633.35	266,208.00	111,574.65	58.1
100-61-6023	LEAVE CASHOUT	11,112.15	48,499.00	136,858.00	88,359.00	35.4
100-61-6031	PAYABLE MEDICARE FICA	2,967.37	13,575.45	37,778.00	24,202.55	35.9
100-61-6032	UNEMPLOYMENT	.00	67.70	19,815.00	19,747.30	.3
100-61-6033	WORKERS' COMPENSATION	.00	8,678.86	65,223.00	56,544.14	13.3
100-61-6034	PERS	41,942.53	191,034.53	573,186.00	382,151.47	33.3
100-61-6040	EMPLOYEE GROUP BENEFITS	29,134.95	125,654.67	601,351.00	475,696.33	20.9
100-61-6041	UTILITY BENEFIT	4,748.71	24,180.44	131,784.00	107,603.56	18.4
100-61-6060	TRAVEL/TRAINING	1,250.00	33,931.03	80,000.00	46,068.97	42.4
100-61-6100	SUPPLIES	1,433.73	24,844.76	32,000.00	7,155.24	77.6
100-61-6101	DARE PROGRAM SUPPLIES	.00	44.30	.00	(44.30)	.0
100-61-6102	SART EXAMS	.00	52.87	20,000.00	19,947.13	.3
100-61-6103	EMPLOYEE WEARING APPAREL	111.49	9,582.48	32,400.00	22,817.52	29.6
100-61-6150	GASOLINE/DIESEL/OIL	5,827.32	21,235.31	60,000.00	38,764.69	35.4
100-61-6153	HEATING FUEL	5,657.66	15,499.70	52,000.00	36,500.30	29.8
100-61-6155	WATER/SEWER/GARBAGE	266.40	4,771.10	16,000.00	11,228.90	29.8
100-61-6160	ELECTRICITY	554.51	14,940.08	56,000.00	41,059.92	26.7
100-61-6170	TELEPHONE	2,589.60	10,603.56	17,129.00	6,525.44	61.9
100-61-6171	STAFF CELLULAR PHONES	.00	2,680.35	11,366.00	8,685.65	23.6
100-61-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
100-61-6200	MINOR EQUIPMENT	195.18	3,680.25	25,000.00	21,319.75	14.7
100-61-6230	VEHICLE MAINT/REPAIR	.00	1,246.78	23,388.00	22,141.22	5.3
100-61-6231	VEHICLE PARTS & TOOLS	10,050.74	27,424.01	35,000.00	7,575.99	78.4
100-61-6333	JANITORIAL SERVICES	2,625.00	7,875.00	31,500.00	23,625.00	25.0
100-61-6335	OTHER PURCHASED SERVICES	16,962.23	20,257.66	48,500.00	28,242.34	41.8
100-61-6400	INSURANCE	.00	22,073.72	136,381.00	114,307.28	16.2
100-61-6503	DUES & SUBSCRIPTIONS	.00	90.00	6,000.00	5,910.00	1.5
100-61-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.57	.00	(6,761.57)	.0
100-61-6890	CAP EXP	.00	7,419.56	.00	(7,419.56)	.0
100-61-6891	VEHICLES	154,910.00	154,910.00	.00	(154,910.00)	.0
	TOTAL POLICE	478,987.32	1,669,861.28	4,901,641.00	3,231,779.72	34.1

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	PUBLIC WORKS-ADMIN					
100-65-6000	SALARIES	2,213.65	9,712.30	49,989.00	40,276.70	19.4
100-65-6010	OVERTIME	.00	24.20	.00	(24.20)	.0
100-65-6023	LEAVE CASHOUT	.00	.00	975.00	975.00	.0
100-65-6031	PAYABLE MEDICARE FICA	32.17	141.50	725.00	583.50	19.5
100-65-6032	UNEMPLOYMENT	.00	.00	890.00	890.00	.0
100-65-6033	WORKERS' COMPENSATION	.00	14.12	108.00	93.88	13.1
100-65-6034	PERS	486.99	2,142.00	10,998.00	8,856.00	19.5
100-65-6040	EMPLOYEE GROUP BENEFITS	684.67	2,914.15	10,404.00	7,489.85	28.0
100-65-6041	UTILITY BENEFIT	29.84	119.36	2,280.00	2,160.64	5.2
100-65-6060	TRAVEL/TRAINING	.00	.00	10,000.00	10,000.00	.0
100-65-6100	SUPPLIES	94.87	611.43	4,000.00	3,388.57	15.3
100-65-6150	GASOLINE/DIESEL/OIL	237.85	1,117.69	2,000.00	882.31	55.9
100-65-6153	HEATING FUEL	16,251.41	16,251.41	9,000.00	(7,251.41)	180.6
100-65-6155	WATER/SEWER/GARBAGE	.00	.00	500.00	500.00	.0
100-65-6160	ELECTRICITY	6,284.54	12,352.21	1,725.00	(10,627.21)	716.1
100-65-6170	TELEPHONE	3.34	13.36	1,617.00	1,603.64	.8
100-65-6171	STAFF CELLULAR PHONES	.00	177.57	598.00	420.43	29.7
100-65-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
100-65-6200	MINOR EQUIPMENT	.00	484.57	.00	(484.57)	.0
100-65-6230	VEHICLE MAINT/REPAIR	.00	260.26	4,882.00	4,621.74	5.3
100-65-6231	VEHICLE PARTS & TOOLS	.00	175.87	3,000.00	2,824.13	5.9
100-65-6335	OTHER PURCHASED SERVICES	.00	11.90	15,000.00	14,988.10	.1
100-65-6400	INSURANCE	.00	405.76	2,551.00	2,145.24	15.9
100-65-6503	DUES & SUBSCRIPTIONS	.00	.00	500.00	500.00	.0
100-65-6539	MISCELLANEOUS EXPENSES	.00	.00	3,000.00	3,000.00	.0
100-65-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.57	.00	(6,761.57)	.0
	TOTAL PUBLIC WORKS-ADMIN	26,319.33	53,691.23	172,330.00	118,638.77	31.2

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	PW-STREETS & ROADS					
100-66-6000	SALARIES	33,668.51	154,628.16	520,950.00	366,321.84	29.7
100-66-6010	OVERTIME	1,517.38	2,202.43	35,000.00	32,797.57	6.3
100-66-6023	LEAVE CASHOUT	.00	.00	13,403.00	13,403.00	.0
100-66-6030	SOCIAL SECURITY EXPENSE	256.06	1,370.36	3,906.00	2,535.64	35.1
100-66-6031	PAYABLE MEDICARE FICA	523.88	2,326.56	8,061.00	5,734.44	28.9
100-66-6032	UNEMPLOYMENT	.00	.00	4,850.00	4,850.00	.0
100-66-6033	WORKERS' COMPENSATION	.00	2,424.18	17,368.00	14,943.82	14.0
100-66-6034	PERS	6,832.30	29,365.49	108,449.00	79,083.51	27.1
100-66-6040	EMPLOYEE GROUP BENEFITS	7,457.08	32,239.27	109,242.00	77,002.73	29.5
100-66-6041	UTILITY BENEFIT	1,445.82	6,513.68	23,940.00	17,426.32	27.2
100-66-6100	SUPPLIES	271.72	861.73	4,500.00	3,638.27	19.2
100-66-6103	WEARING APPAREL	.00	.00	5,000.00	5,000.00	.0
100-66-6111	SIGNS	.00	1,187.50	6,000.00	4,812.50	19.8
100-66-6131	STREET MAINT GRAVEL	.00	434,350.64	200,000.00	(234,350.64)	217.2
100-66-6132	SALT	.00	.00	30,000.00	30,000.00	.0
100-66-6150	GASOLINE/DIESEL/OIL	1,232.80	16,053.62	100,000.00	83,946.38	16.1
100-66-6153	HEATING FUEL	3,226.03	7,866.02	62,500.00	54,633.98	12.6
100-66-6155	WATER/SEWER/GARBAGE	.00	1,064.54	6,750.00	5,685.46	15.8
100-66-6160	ELECTRICITY	.00	2,904.38	18,000.00	15,095.62	16.1
100-66-6161	ELECTRICITY (STREET LTS)	6,374.04	20,505.72	68,816.00	48,310.28	29.8
100-66-6170	TELEPHONE	1.67	6.68	.00	(6.68)	.0
100-66-6171	STAFF CELLULAR PHONES	.00	149.58	598.00	448.42	25.0
100-66-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
100-66-6200	MINOR EQUIPMENT	.00	9,109.73	10,000.00	890.27	91.1
100-66-6230	VEHICLE MAINT/REPAIR	.00	9,078.60	173,745.00	164,666.40	5.2
100-66-6231	VEHICLE PARTS & TOOLS	3,402.25	15,793.71	95,000.00	79,206.29	16.6
100-66-6250	STREET LIGHT MT & POLE RENTAL	.00	.00	20,000.00	20,000.00	.0
100-66-6335	OTHER PURCHASED SERVICES	.00	.00	10,000.00	10,000.00	.0
100-66-6400	INSURANCE	.00	11,099.24	68,574.00	57,474.76	16.2
100-66-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.57	.00	(6,761.57)	.0
100-66-6892	CAPTIAL EQUIPMENT	.00	335,665.25	185,357.00	(150,308.25)	181.1
100-66-6897	FY25 DUST CONTROL	11,478.15	12,033.15	.00	(12,033.15)	.0
100-66-9771	PTARMIGAN ST. CULVERT CROSSING	13,072.02	1,188,726.07	.00	(1,188,726.07)	.0
	TOTAL PW-STREETS & ROADS	90,759.71	2,304,287.86	1,947,597.00	(356,690.86)	118.3

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	PROPERTY MAINTENANCE					
100-70-6000	SALARIES	19,702.45	95,630.00	366,415.00	270,785.00	26.1
100-70-6010	OVERTIME	3,889.82	13,398.51	50,000.00	36,601.49	26.8
100-70-6023	LEAVE CASHOUT	.00	5,253.60	7,164.00	1,910.40	73.3
100-70-6030	SOCIAL SECURITY EXPENSE	.00	697.64	1,786.00	1,088.36	39.1
100-70-6031	PAYABLE MEDICARE FICA	356.40	1,726.89	6,038.00	4,311.11	28.6
100-70-6032	UNEMPLOYMENT	.00	.00	4,064.00	4,064.00	.0
100-70-6033	WORKERS' COMPENSATION	.00	1,455.78	10,883.00	9,427.22	13.4
100-70-6034	PERS	5,190.28	21,510.78	85,275.00	63,764.22	25.2
100-70-6040	EMPLOYEE GROUP BENEFITS	4,358.79	14,923.61	104,040.00	89,116.39	14.3
100-70-6041	UTILITY BENEFIT	1,287.05	7,013.28	22,800.00	15,786.72	30.8
100-70-6060	TRAVEL/TRAINING	.00	.00	8,000.00	8,000.00	.0
100-70-6100	SUPPLIES	1,766.25	9,646.83	29,000.00	19,353.17	33.3
100-70-6103	WEARING APPAREL	.00	1,411.85	5,000.00	3,588.15	28.2
100-70-6107	ELECTRICAL SUPPLIES	.00	195.82	.00	(195.82)	.0
100-70-6108	PLUMBING SUPPLIES	267.95	393.15	.00	(393.15)	.0
100-70-6110	MATERIALS	.00	5.19	.00	(5.19)	.0
100-70-6142	GLYCOL SUPPLIES	.00	.00	10,000.00	10,000.00	.0
100-70-6150	GASOLINE/DIESEL/OIL	1,071.21	4,555.35	30,000.00	25,444.65	15.2
100-70-6153	HEATING FUEL	5,703.15	7,974.92	25,000.00	17,025.08	31.9
100-70-6155	WATER/SEWER/GARBAGE	.00	.00	8,000.00	8,000.00	.0
100-70-6160	ELECTRICITY	3,940.47	6,496.53	13,340.00	6,843.47	48.7
100-70-6170	TELEPHONE	1.67	6.68	.00	(6.68)	.0
100-70-6171	STAFF CELLULAR PHONES	.00	285.51	1,197.00	911.49	23.9
100-70-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
100-70-6200	MINOR EQUIPMENT	.00	2,001.10	8,000.00	5,998.90	25.0
100-70-6201	BOILER EXPENSE	544.20	23,584.62	25,000.00	1,415.38	94.3
100-70-6230	VEHICLE MAINT/REPAIR	.00	375.26	7,039.00	6,663.74	5.3
100-70-6231	VEHICLE PARTS & TOOLS	26.49	238.88	5,000.00	4,761.12	4.8
100-70-6240	WIND TURBINE CONTRACT	.00	261.54	14,400.00	14,138.46	1.8
100-70-6241	PARKS MAINTENANCE	.00	1,395.72	55,000.00	53,604.28	2.5
100-70-6242	BOARDWALK LIGHTING PROJECT	.00	95,340.57	.00	(95,340.57)	.0
100-70-6335	OTHER PURCHASED SERVICES	27,820.56	233,733.62	356,000.00	122,266.38	65.7
100-70-6400	INSURANCE	.00	3,042.36	18,795.00	15,752.64	16.2
100-70-6510	4TH OF JULY	.00	203.06	1,000.00	796.94	20.3
100-70-6539	MISCELLANEOUS EXPENSES	.00	130.48	5,000.00	4,869.52	2.6
100-70-6700	INDIRECT COST RECOVERY	.00	(69,769.33)	(438,167.00)	(368,397.67)	(15.9)
100-70-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.57	.00	(6,761.57)	.0
100-70-6890	CAPITAL EXPENDITURES	.00	.00	177,450.00	177,450.00	.0
100-70-9596	FIRE SUPRESSION & INSPECTION	7,638.75	7,638.75	.00	(7,638.75)	.0
	TOTAL PROPERTY MAINTENANCE	83,565.49	497,520.12	1,060,107.00	562,586.88	46.9

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	PARKS & RECREATION					
100-71-6000	SALARIES	29,649.76	107,474.38	470,387.00	362,912.62	22.9
100-71-6010	OVERTIME	119.01	372.39	2,000.00	1,627.61	18.6
100-71-6023	LEAVE CASHOUT	.00	.00	11,808.00	11,808.00	.0
100-71-6030	SOCIAL SECURITY EXPENSE	712.79	2,469.08	7,316.00	4,846.92	33.8
100-71-6031	PAYABLE MEDICARE FICA	432.51	1,571.24	6,850.00	5,278.76	22.9
100-71-6032	UNEMPLOYMENT	.00	.00	5,082.00	5,082.00	.0
100-71-6033	WORKERS' COMPENSATION	.00	1,632.64	12,203.00	10,570.36	13.4
100-71-6034	PERS	4,019.87	14,964.92	86,660.00	71,695.08	17.3
100-71-6040	EMPLOYEE GROUP BENEFITS	2,122.24	4,302.63	62,424.00	58,121.37	6.9
100-71-6041	UTILITY BENEFIT	198.95	795.80	18,240.00	17,444.20	4.4
100-71-6060	TRAVEL/TRAINING	.00	1,058.00	14,000.00	12,942.00	7.6
100-71-6100	SUPPLIES	.00	8,198.65	121,000.00	112,801.35	6.8
100-71-6101	BYC-SUPPLIES SUMMER FOOD PROG	.00	7.64	.00	(7.64)	.0
100-71-6102	ARBOR DAY GRANT SUPPLIES	.00	26.00	.00	(26.00)	.0
100-71-6103	WEARING APPAREL	.00	63.47	.00	(63.47)	.0
100-71-6110	COMMUNITY FAIR SUPPORT EXP	.00	954.56	16,100.00	15,145.44	5.9
100-71-6150	GASOLINE/DIESEL/OIL	98.31	98.31	2,000.00	1,901.69	4.9
100-71-6153	HEATING FUEL	12,114.10	46,196.98	210,000.00	163,803.02	22.0
100-71-6155	WATER/SEWER/GARBAGE	.00	9,277.65	80,000.00	70,722.35	11.6
100-71-6160	ELECTRICITY	.00	.00	115,000.00	115,000.00	.0
100-71-6171	CELL PHONE	.00	149.58	1,197.00	1,047.42	12.5
100-71-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
100-71-6200	MINOR EQUIPMENT	.00	.00	6,000.00	6,000.00	.0
100-71-6230	VEHICLE MAINT/REPAIR	.00	.00	1,132.00	1,132.00	.0
100-71-6335	OTHER PURCHASED SERVICES	.00	29,212.26	62,000.00	32,787.74	47.1
100-71-6400	INSURANCE	.00	13,870.18	85,694.00	71,823.82	16.2
100-71-6430	ALLOWANCE FOR SPECIAL EVENTS	.00	.00	2,000.00	2,000.00	.0
100-71-6502	ADVERTISING	.00	.00	2,000.00	2,000.00	.0
100-71-6503	DUES & SUBSCRIPTIONS	.00	27.99	1,000.00	972.01	2.8
100-71-6711	ADMIN OH IT SERVICES	.00	6,761.58	.00	(6,761.58)	.0
	TOTAL PARKS & RECREATION	49,467.54	249,485.93	1,439,681.00	1,190,195.07	17.3
	COMMUNITY SERVICE					
100-72-6155	SENIOR CTR - W/S/G ONC	.00	6,069.58	118,300.00	112,230.42	5.1
100-72-6171	BETHEL FRIENDS OF CANINES	.00	115,000.00	115,000.00	.00	100.0
100-72-6430	COMMUNITY ACTION GRANT	3,500.00	3,500.00	76,091.00	72,591.00	4.6
100-72-6508	KUSKO 300 RACE DONATION	.00	.00	5,000.00	5,000.00	.0
100-72-6509	LIBRARY CONTRIBUTION	.00	83,100.00	129,400.00	46,300.00	64.2
	TOTAL COMMUNITY SERVICE	3,500.00	207,669.58	443,791.00	236,121.42	46.8
	IN KIND MATCH & TRANFERS					
100-73-6643	CASH XFER- FUND	.00	.00	257,459.00	257,459.00	.0
100-73-6647	CASH XFER-FLEET REPLACE FUND	.00	.00	48,148.00	48,148.00	.0
	TOTAL IN KIND MATCH & TRANFERS	.00	.00	305,607.00	305,607.00	.0

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
TOTAL FUND EXPENDITURES	1,029,634.52	6,361,978.94	17,830,892.00	11,468,913.06	35.7
NET REVENUE OVER EXPENDITURES	(111,500.32)	(3,380,306.69)	(1,788,990.00)	1,591,316.69	(189.0)

CITY OF BETHEL
REVENUES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

COMMUNITY SERVICE PATROL GRANT

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
270-42-4200	GRANT REVENUE	.00	(20,065.74)	.00	20,065.74	.0
	TOTAL SOURCE 42	.00	(20,065.74)	.00	20,065.74	.0
	TOTAL FUND REVENUE	.00	(20,065.74)	.00	20,065.74	.0

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

COMMUNITY SERVICE PATROL GRANT

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	CSP PROGRAM					
270-50-6000	SALARIES	10,367.89	42,579.77	123,121.00	80,541.23	34.6
270-50-6010	OVERTIME	524.49	2,166.30	5,000.00	2,833.70	43.3
270-50-6023	LEAVE CASHOUT	.00	2,826.71	5,713.00	2,886.29	49.5
270-50-6031	PAYABLE MEDICARE FICA	165.07	701.80	1,858.00	1,156.20	37.8
270-50-6032	UNEMPLOYMENT	.00	.00	1,421.00	1,421.00	.0
270-50-6033	WORKERS' COMPENSATION	.00	652.98	3,060.00	2,407.02	21.3
270-50-6034	PERS	2,396.33	9,844.13	28,187.00	18,342.87	34.9
270-50-6040	EMPLOYEE GROUP BENEFITS	1,994.73	8,304.39	41,616.00	33,311.61	20.0
270-50-6041	UTILITY BENEFIT	632.13	1,387.32	9,120.00	7,732.68	15.2
270-50-6100	SUPPLIES	.00	.00	4,000.00	4,000.00	.0
270-50-6103	WEARING APPAREL	.00	.00	1,800.00	1,800.00	.0
270-50-6150	GASOLINE/DIESEL/OIL	878.56	3,518.61	16,000.00	12,481.39	22.0
270-50-6153	HEATING FUEL	.00	.00	100.00	100.00	.0
270-50-6171	STAFF CELLULAR PHONES	.00	448.74	800.00	351.26	56.1
270-50-6400	INSURANCE	.00	1,306.48	8,070.00	6,763.52	16.2
	TOTAL CSP PROGRAM	16,959.20	73,737.23	249,866.00	176,128.77	29.5
	TOTAL FUND EXPENDITURES	16,959.20	73,737.23	249,866.00	176,128.77	29.5
	NET REVENUE OVER EXPENDITURES	(16,959.20)	(93,802.97)	(249,866.00)	(156,063.03)	(37.5)

CITY OF BETHEL
REVENUES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

YK REG AQUA HLTH & SAFETY CTR

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
	MISCELLANEOUS					
400-49-4590	INVESTMENT INCOME	.00	10,860.38	.00	(10,860.38)	.0
	TOTAL MISCELLANEOUS	.00	10,860.38	.00	(10,860.38)	.0
	TOTAL FUND REVENUE	.00	10,860.38	.00	(10,860.38)	.0

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

YK REG AQUA HLTH & SAFETY CTR

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	LOCAL FUNDED EXPENDITURES					
400-50-6150	GASOLINE/DIESEL/OIL	.00	212.10	.00	(212.10)	.0
400-50-6153	HEATING FUEL	.00	11,862.96	.00	(11,862.96)	.0
400-50-6160	ELECTRICITY	6,629.88	32,231.36	.00	(32,231.36)	.0
400-50-6170	TELEPHONE	126.54	504.92	.00	(504.92)	.0
400-50-6320	OTHER PROFESSIONAL FEES	.00	30,061.75	.00	(30,061.75)	.0
400-50-6326	CONTRACTOR FEES	.00	29,300.49	.00	(29,300.49)	.0
400-50-6335	OTHER PURCHASED SERVICES	.00	24,500.00	.00	(24,500.00)	.0
	TOTAL LOCAL FUNDED EXPENDITURES	6,756.42	128,673.58	.00	(128,673.58)	.0
	TOTAL FUND EXPENDITURES	6,756.42	128,673.58	.00	(128,673.58)	.0
	NET REVENUE OVER EXPENDITURES	(6,756.42)	(117,813.20)	.00	117,813.20	.0

CITY OF BETHEL
REVENUES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

E-911 SYSTEM/SURCHARGE

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
	E-911 SURCHARGE					
410-42-4428	SURCHARGE FROM UNITED UTL	12,044.44	48,755.75	148,000.00	99,244.25	32.9
	TOTAL E-911 SURCHARGE	12,044.44	48,755.75	148,000.00	99,244.25	32.9
	TOTAL FUND REVENUE	12,044.44	48,755.75	148,000.00	99,244.25	32.9

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

E-911 SYSTEM/SURCHARGE

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	E-911 SERVICES					
410-50-6000	SALARIES	.00	13,229.07	69,445.00	56,215.93	19.1
410-50-6010	OVERTIME	.00	591.20	.00	(591.20)	.0
410-50-6023	LEAVE CASHOUT	.00	810.12	3,388.00	2,577.88	23.9
410-50-6030	SOCIAL SECURITY EXPENSE	.00	669.95	.00	(669.95)	.0
410-50-6031	PAYABLE MEDICARE FICA	.00	214.48	1,007.00	792.52	21.3
410-50-6032	UNEMPLOYMENT	.00	.00	971.00	971.00	.0
410-50-6033	WORKERS' COMPENSATION	.00	20.12	1,708.00	1,687.88	1.2
410-50-6034	PERS	.00	663.15	15,278.00	14,614.85	4.3
410-50-6040	EMPLOYEE GROUP BENEFITS	.00	757.23	22,889.00	22,131.77	3.3
410-50-6041	UTILITY BENEFIT	.00	173.20	5,016.00	4,842.80	3.5
410-50-6400	INSURANCE	.00	407.38	2,516.00	2,108.62	16.2
410-50-6410	RENTS & LEASES	.00	.00	13,000.00	13,000.00	.0
	TOTAL E-911 SERVICES	.00	17,535.90	135,218.00	117,682.10	13.0
	TOTAL FUND EXPENDITURES	.00	17,535.90	135,218.00	117,682.10	13.0
	NET REVENUE OVER EXPENDITURES	12,044.44	31,219.85	12,782.00	(18,437.85)	244.3

CITY OF BETHEL
REVENUES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

SOLID WASTE SERVICES

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
	SOLID WASTE & RECYLING					
500-44-4396	COMMERCIAL GARBAGE PICKUP	86,847.00	354,609.02	862,756.00	508,146.98	41.1
500-44-4397	LANDFILL DUMP FEE	25,916.00	114,948.00	315,888.00	200,940.00	36.4
500-44-4398	RESIDENTIAL GARBAGE PICKUP	24,186.77	96,289.36	292,594.00	196,304.64	32.9
	TOTAL SOLID WASTE & RECYLING	136,949.77	565,846.38	1,471,238.00	905,391.62	38.5
	MISCELLANEOUS					
500-45-4391	SERVICE FEE	.00	900.00	.00	(900.00)	.0
	TOTAL MISCELLANEOUS	.00	900.00	.00	(900.00)	.0
	TOTAL FUND REVENUE	136,949.77	566,746.38	1,471,238.00	904,491.62	38.5

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

SOLID WASTE SERVICES

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	HAULED REFUSE					
500-70-6000	SALARIES	11,840.03	50,468.27	149,518.00	99,049.73	33.8
500-70-6010	OVERTIME	856.39	1,175.87	10,250.00	9,074.13	11.5
500-70-6023	LEAVE CASHOUT	.00	.00	5,886.00	5,886.00	.0
500-70-6030	SOCIAL SECURITY EXPENSE	173.46	614.92	1,790.00	1,175.08	34.4
500-70-6031	PAYABLE MEDICARE FICA	185.99	756.45	2,317.00	1,560.55	32.7
500-70-6032	UNEMPLOYMENT	.00	.00	1,632.00	1,632.00	.0
500-70-6033	WORKERS' COMPENSATION	.00	971.04	7,709.00	6,737.96	12.6
500-70-6034	PERS	2,177.69	9,179.71	28,799.00	19,619.29	31.9
500-70-6040	EMPLOYEE GROUP BENEFITS	1,289.35	5,373.61	22,889.00	17,515.39	23.5
500-70-6041	UTILITY BENEFIT	208.90	835.60	5,016.00	4,180.40	16.7
500-70-6100	SUPPLIES	.00	.00	1,000.00	1,000.00	.0
500-70-6103	WEARING APPAREL	.00	.00	1,000.00	1,000.00	.0
500-70-6121	4 YD DUMPSTERS	.00	50,559.84	60,000.00	9,440.16	84.3
500-70-6150	GASOLINE/DIESEL/OIL	929.79	2,060.95	40,000.00	37,939.05	5.2
500-70-6230	VEHICLE MAINT/REPAIR	.00	4,357.71	80,578.00	76,220.29	5.4
500-70-6231	VEHICLE PARTS & TOOLS	5,019.75	17,651.89	20,000.00	2,348.11	88.3
500-70-6232	TIRES & WHEELS	.00	.00	8,000.00	8,000.00	.0
500-70-6335	OTHER PURCHASED SERVICES	.00	145.86	1,000.00	854.14	14.6
500-70-6400	INSURANCE	.00	2,179.20	13,464.00	11,284.80	16.2
500-70-6710	ADMIN OVERHEAD-GF	.00	8,784.30	91,937.00	83,152.70	9.6
500-70-9694	SINGLE AXLE REAR LOADER	.00	.00	185,424.00	185,424.00	.0
	TOTAL HAULED REFUSE	22,681.35	155,115.22	738,209.00	583,093.78	21.0

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

SOLID WASTE SERVICES

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	LANDFILL OPERATIONS					
500-71-6000	SALARIES	10,237.59	44,854.35	159,202.00	114,347.65	28.2
500-71-6010	OVERTIME	1,289.39	5,272.93	35,000.00	29,727.07	15.1
500-71-6023	LEAVE CASHOUT	.00	.00	7,766.00	7,766.00	.0
500-71-6031	PAYABLE MEDICARE FICA	179.96	778.11	2,816.00	2,037.89	27.6
500-71-6032	UNEMPLOYMENT	.00	.00	2,782.00	2,782.00	.0
500-71-6033	WORKERS' COMPENSATION	.00	1,488.00	5,316.00	3,828.00	28.0
500-71-6034	PERS	2,535.92	11,027.98	42,724.00	31,696.02	25.8
500-71-6040	EMPLOYEE GROUP BENEFITS	1,289.35	5,398.11	54,101.00	48,702.89	10.0
500-71-6041	UTILITY BENEFIT	961.93	4,492.72	11,856.00	7,363.28	37.9
500-71-6060	TRAVEL/TRAINING	.00	.00	5,000.00	5,000.00	.0
500-71-6100	SUPPLIES	114.84	2,315.88	33,000.00	30,684.12	7.0
500-71-6103	WEARING APPAREL	146.85	146.85	3,000.00	2,853.15	4.9
500-71-6150	GASOLINE/DIESEL/OIL	195.30	5,094.20	15,000.00	9,905.80	34.0
500-71-6153	HEATING FUEL	2,006.50	3,666.86	18,000.00	14,333.14	20.4
500-71-6160	ELECTRICITY	262.54	870.32	5,700.00	4,829.68	15.3
500-71-6171	STAFF CELLULAR PHONES	.00	149.58	598.00	448.42	25.0
500-71-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
500-71-6200	MINOR EQUIPMENT	.00	.00	7,500.00	7,500.00	.0
500-71-6230	VEHICLE MAINT/REPAIR	.00	4,841.95	90,828.00	85,986.05	5.3
500-71-6231	VEHICLE PARTS & TOOLS	1,000.50	11,040.59	20,000.00	8,959.41	55.2
500-71-6240	PROPERTY MAINT	.00	4,868.05	30,625.00	25,756.95	15.9
500-71-6335	OTHER PURCHASED SERVICES	.00	.00	54,000.00	54,000.00	.0
500-71-6400	INSURANCE	.00	2,672.84	16,513.00	13,840.16	16.2
500-71-6503	DUES & SUBSCRIPTIONS	.00	.00	10,000.00	10,000.00	.0
500-71-6539	MISCELLANEOUS EXPENSES	152.44	152.44	4,000.00	3,847.56	3.8
500-71-6599	LANDFILL CLOSURE COSTS	.00	.00	82,302.00	82,302.00	.0
500-71-6710	ADMIN OVERHEAD-GF	.00	8,784.30	91,937.00	83,152.70	9.6
500-71-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.58	.00	(6,761.58)	.0
	TOTAL LANDFILL OPERATIONS	20,373.11	124,677.64	847,154.00	722,476.36	14.7
	TOTAL FUND EXPENDITURES	43,054.46	279,792.86	1,585,363.00	1,305,570.14	17.7
	NET REVENUE OVER EXPENDITURES	93,895.31	286,953.52	(114,125.00)	(401,078.52)	251.4

CITY OF BETHEL
REVENUES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

WATER & SEWER SERVICES

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
	WATER					
510-42-4384	CONTRACT WATER	1,556.00	4,188.00	20,320.00	16,132.00	20.6
510-42-4386	METERED PIPED WATER COMM.	109,821.40	469,517.55	1,076,224.00	606,706.45	43.6
510-42-4387	UNMETERED PIPED WTR RESID	88,702.50	356,856.75	1,030,876.00	674,019.25	34.6
510-42-4389	PUMPHOUSE WATER	1,273.50	9,200.25	36,124.00	26,923.75	25.5
510-42-4390	TRUCKED WATER	270,116.55	1,063,057.48	3,106,054.00	2,042,996.52	34.2
	TOTAL WATER	471,469.95	1,902,820.03	5,269,598.00	3,366,777.97	36.1
	SEWER					
510-43-4384	CONTRACT SEWER	2,361.06	9,594.24	62,560.00	52,965.76	15.3
510-43-4386	METERED PIPED SEWER COMM.	46,396.27	243,231.38	631,062.00	387,830.62	38.5
510-43-4387	UNMETERED PIPED SEWER RES	27,251.17	110,045.05	312,918.00	202,872.95	35.2
510-43-4390	TRUCKED SEWER (EVAC/HB)	210,242.87	822,079.65	2,448,916.00	1,626,836.35	33.6
	TOTAL SEWER	286,251.37	1,184,950.32	3,455,456.00	2,270,505.68	34.3
	MISCELLANEOUS					
510-45-4392	WATER SUBSCRIPTION FEES	19,001.08	75,266.19	223,825.00	148,558.81	33.6
510-45-4393	SEWER SUBSCRIPTION FEES	20,483.12	81,151.06	239,450.00	158,298.94	33.9
510-45-4394	RECONNECT FEES	.00	.00	3,090.00	3,090.00	.0
510-45-4429	SENIOR DISCOUNT	(5,425.00)	(21,953.60)	53,560.00	75,513.60	(41.0)
510-45-4430	NSF CHECKS AND FEES	210.00	330.00	60.00	(270.00)	550.0
510-45-4523	UTILITY PENALTY/INTEREST	4,570.51	17,091.28	72,145.00	55,053.72	23.7
510-45-4590	INVESTMENT INCOME	.00	9,342.41	125,166.00	115,823.59	7.5
	TOTAL MISCELLANEOUS	38,839.71	161,227.34	717,296.00	556,068.66	22.5
	MISCELLANEOUS					
510-49-4439	MISCELLANEOUS INCOME	15,510.53	33,984.48	97,664.00	63,679.52	34.8
510-49-6532	CASH OVER/SHORT	.00	5.00	515.00	510.00	1.0
	TOTAL MISCELLANEOUS	15,510.53	33,989.48	98,179.00	64,189.52	34.6
	TOTAL FUND REVENUE	812,071.56	3,282,987.17	9,540,529.00	6,257,541.83	34.4

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

WATER & SEWER SERVICES

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	UTILITY BILLING					
510-80-6000	SALARIES	1,232.35	5,515.61	98,210.00	92,694.39	5.6
510-80-6010	OVERTIME	.00	27.37	3,000.00	2,972.63	.9
510-80-6023	LEAVE CASHOUT	.00	.00	4,791.00	4,791.00	.0
510-80-6031	PAYABLE MEDICARE FICA	17.87	81.08	1,468.00	1,386.92	5.5
510-80-6032	UNEMPLOYMENT	.00	.00	1,807.00	1,807.00	.0
510-80-6033	WORKERS' COMPENSATION	.00	29.32	219.00	189.68	13.4
510-80-6034	PERS	271.12	1,219.46	22,266.00	21,046.54	5.5
510-80-6040	EMPLOYEE GROUP BENEFITS	989.46	3,353.22	36,414.00	33,060.78	9.2
510-80-6041	UTILITY BENEFIT	.00	644.76	7,980.00	7,335.24	8.1
510-80-6060	TRAVEL/TRAINING	.00	.00	4,500.00	4,500.00	.0
510-80-6100	SUPPLIES	.00	699.96	3,500.00	2,800.04	20.0
510-80-6170	TELEPHONE	.00	.00	80.00	80.00	.0
510-80-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
510-80-6200	MINOR EQUIPMENT	.00	.00	4,000.00	4,000.00	.0
510-80-6335	OUTSOURCED SERVICES	5,795.20	24,196.41	60,000.00	35,803.59	40.3
510-80-6400	INSURANCE	.00	593.68	3,667.00	3,073.32	16.2
510-80-6506	POSTAGE	.00	23.85	18,000.00	17,976.15	.1
510-80-6531	BANK CHARGES	.00	5,962.32	40,000.00	34,037.68	14.9
510-80-6539	MISCELLANEOUS EXPENSES	.00	.00	500.00	500.00	.0
510-80-6710	ADMIN OVERHEAD-GF	.00	5,270.78	102,767.00	97,496.22	5.1
510-80-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.58	.00	(6,761.58)	.0
	TOTAL UTILITY BILLING	8,306.00	54,379.40	450,757.00	396,377.60	12.1

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

WATER & SEWER SERVICES

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	HAULED WATER					
510-81-6000	SALARIES	40,011.86	185,508.56	568,388.00	382,879.44	32.6
510-81-6010	OVERTIME	12,495.86	70,388.35	225,000.00	154,611.65	31.3
510-81-6023	LEAVE CASHOUT	.00	.00	27,726.00	27,726.00	.0
510-81-6030	SOCIAL SECURITY EXPENSE	2,009.81	10,067.84	.00	(10,067.84)	.0
510-81-6031	PAYABLE MEDICARE FICA	763.62	3,719.61	11,504.00	7,784.39	32.3
510-81-6032	UNEMPLOYMENT	.00	.00	11,453.00	11,453.00	.0
510-81-6033	WORKERS' COMPENSATION	.00	1,813.90	.00	(1,813.90)	.0
510-81-6034	PERS	4,420.25	20,573.44	174,545.00	153,971.56	11.8
510-81-6040	EMPLOYEE GROUP BENEFITS	3,759.79	13,160.01	190,913.00	177,752.99	6.9
510-81-6041	UTILITY BENEFIT	399.12	1,802.30	41,838.00	40,035.70	4.3
510-81-6100	SUPPLIES	1,003.15	6,869.03	15,000.00	8,130.97	45.8
510-81-6103	WEARING APPAREL	.00	3,113.71	15,000.00	11,886.29	20.8
510-81-6150	GASOLINE/DIESEL/OIL	1,335.99	18,171.10	150,000.00	131,828.90	12.1
510-81-6153	HEATING FUEL	.00	3,270.37	22,500.00	19,229.63	14.5
510-81-6155	WATER/SEWER/GARBAGE	.00	1,064.54	6,750.00	5,685.46	15.8
510-81-6160	ELECTRICITY	.00	2,904.38	18,000.00	15,095.62	16.1
510-81-6170	TELEPHONE	3.34	13.36	.00	(13.36)	.0
510-81-6171	STAFF CELLULAR PHONES	.00	299.16	598.00	298.84	50.0
510-81-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
510-81-6200	MINOR EQUIPMENT	.00	.00	5,000.00	5,000.00	.0
510-81-6230	VEHICLE MAINT/REPAIR	.00	26,622.60	340,266.00	313,643.40	7.8
510-81-6231	VEHICLE PARTS & TOOLS	10,039.49	43,027.71	125,000.00	81,972.29	34.4
510-81-6240	PROPERTY MAINT	.00	8,112.40	51,041.00	42,928.60	15.9
510-81-6332	LAB TESTS	.00	.00	3,000.00	3,000.00	.0
510-81-6335	OTHER PURCHASED SERVICES	.00	1,985.35	3,000.00	1,014.65	66.2
510-81-6400	INSURANCE	.00	11,786.64	72,820.00	61,033.36	16.2
510-81-6539	MISCELLANEOUS EXPENSES	.00	.00	2,000.00	2,000.00	.0
510-81-6710	ADMIN OVERHEAD-GF	.00	36,895.45	102,767.00	65,871.55	35.9
510-81-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.58	.00	(6,761.58)	.0
510-81-6890	CAP EXP	.00	22,213.06	620,000.00	597,786.94	3.6
	TOTAL HAULED WATER	76,242.28	500,144.45	2,841,697.00	2,341,552.55	17.6

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

WATER & SEWER SERVICES

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	PIPED WATER					
510-82-6000	SALARIES	8,219.47	35,682.12	177,831.00	142,148.88	20.1
510-82-6010	OVERTIME	2,570.57	8,124.00	35,000.00	26,876.00	23.2
510-82-6023	LEAVE CASHOUT	.00	.00	8,693.00	8,693.00	.0
510-82-6030	SOCIAL SECURITY EXPENSE	98.15	397.19	942.00	544.81	42.2
510-82-6031	PAYABLE MEDICARE FICA	156.00	650.25	3,086.00	2,435.75	21.1
510-82-6032	UNEMPLOYMENT	.00	130.02	3,788.00	3,657.98	3.4
510-82-6033	WORKERS' COMPENSATION	.00	426.92	4,180.00	3,753.08	10.2
510-82-6034	PERS	2,025.56	8,228.02	43,479.00	35,250.98	18.9
510-82-6040	EMPLOYEE GROUP BENEFITS	987.01	9,493.28	52,020.00	42,526.72	18.3
510-82-6041	UTILITY BENEFIT	19.89	1,497.43	11,400.00	9,902.57	13.1
510-82-6060	TRAVEL/TRAINING	.00	.00	8,000.00	8,000.00	.0
510-82-6100	SUPPLIES	2,719.41	6,603.23	5,000.00	(1,603.23)	132.1
510-82-6103	WEARING APPAREL	.00	.00	5,000.00	5,000.00	.0
510-82-6108	PLUMBING SUPPLIES	6,769.74	6,902.18	15,000.00	8,097.82	46.0
510-82-6150	GASOLINE/DIESEL/OIL	1,218.87	3,245.87	15,000.00	11,754.13	21.6
510-82-6153	HEATING FUEL	2,174.36	4,782.21	48,400.00	43,617.79	9.9
510-82-6155	WATER/SEWER/GARBAGE	.00	554.22	2,200.00	1,645.78	25.2
510-82-6160	ELECTRICITY-UTIL MT SHOP	716.81	1,805.76	8,200.00	6,394.24	22.0
510-82-6170	TELEPHONE	1.67	6.68	.00	(6.68)	.0
510-82-6171	STAFF CELLULAR PHONES	.00	757.92	1,197.00	439.08	63.3
510-82-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
510-82-6200	MINOR EQUIPMENT	.00	1,415.64	.00	(1,415.64)	.0
510-82-6230	VEHICLE MAINT/REPAIR	.00	175.50	3,293.00	3,117.50	5.3
510-82-6231	VEHICLE PARTS & TOOLS	668.69	1,202.79	1,500.00	297.21	80.2
510-82-6232	TIRES & WHEELS	.00	.00	500.00	500.00	.0
510-82-6332	LAB TESTS	.00	.00	500.00	500.00	.0
510-82-6335	OTHER PURCHASED SERVICES	.00	145.86	1,500.00	1,354.14	9.7
510-82-6400	INSURANCE	.00	1,471.90	9,093.00	7,621.10	16.2
510-82-6401	INSURANCE-DED EXP & OTHER	.00	.00	530.00	530.00	.0
510-82-6710	ADMIN OVERHEAD-GF	.00	8,784.30	102,767.00	93,982.70	8.6
510-82-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.58	.00	(6,761.58)	.0
	TOTAL PIPED WATER	28,346.20	109,244.87	605,687.00	496,442.13	18.0

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

WATER & SEWER SERVICES

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	BETHEL HTS WTR TREATMENT					
510-83-6000	SALARIES	11,559.17	52,390.10	154,800.00	102,409.90	33.8
510-83-6010	OVERTIME	1,920.88	3,592.84	37,000.00	33,407.16	9.7
510-83-6023	LEAVE CASHOUT	943.13	3,096.85	7,551.00	4,454.15	41.0
510-83-6030	SOCIAL SECURITY EXPENSE	.00	33.48	.00	(33.48)	.0
510-83-6031	PAYABLE MEDICARE FICA	66.97	289.69	2,781.00	2,491.31	10.4
510-83-6032	UNEMPLOYMENT	.00	.00	2,292.00	2,292.00	.0
510-83-6033	WORKERS' COMPENSATION	.00	438.12	3,767.00	3,328.88	11.6
510-83-6034	PERS	2,965.59	12,197.44	42,196.00	29,998.56	28.9
510-83-6040	EMPLOYEE GROUP BENEFITS	1,748.26	7,346.10	36,414.00	29,067.90	20.2
510-83-6041	UTILITY BENEFIT	923.26	3,693.04	7,980.00	4,286.96	46.3
510-83-6060	TRAVEL/TRAINING	.00	.00	5,000.00	5,000.00	.0
510-83-6100	SUPPLIES	.00	2,774.25	4,000.00	1,225.75	69.4
510-83-6103	WEARING APPAREL	.00	.00	1,500.00	1,500.00	.0
510-83-6108	PLUMBING SUPPLIES	382.45	456.29	.00	(456.29)	.0
510-83-6140	CHEMICALS	.00	40,728.00	125,000.00	84,272.00	32.6
510-83-6150	GASOLINE/DIESEL/OIL	.00	1,081.28	.00	(1,081.28)	.0
510-83-6153	HEATING FUEL (PUMPHOUSE)	5,429.96	17,698.16	190,000.00	172,301.84	9.3
510-83-6160	ELECTRICITY (PUMPHOUSE)	7,278.95	25,086.14	130,525.00	105,438.86	19.2
510-83-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
510-83-6200	MINOR EQUIPMENT	.00	7,672.57	50,000.00	42,327.43	15.4
510-83-6230	VEHICLE MAINT/REPAIR	.00	178.56	3,349.00	3,170.44	5.3
510-83-6240	PROPERTY MAINT	.00	5,088.04	30,625.00	25,536.96	16.6
510-83-6332	LAB TESTS	150.00	1,035.00	4,000.00	2,965.00	25.9
510-83-6335	OTHER PURCHASED SERVICES	4,755.48	4,901.34	10,000.00	5,098.66	49.0
510-83-6400	INSURANCE	.00	8,635.20	53,351.00	44,715.80	16.2
510-83-6710	ADMIN OVERHEAD-GF	.00	8,784.30	102,767.00	93,982.70	8.6
510-83-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.58	.00	(6,761.58)	.0
	TOTAL BETHEL HTS WTR TREATMENT	38,124.10	213,958.37	1,042,486.00	828,527.63	20.5

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

WATER & SEWER SERVICES

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	CITY SUB WTR TREATMENT					
510-84-6000	SALARIES	16,124.48	69,717.75	211,690.00	141,972.25	32.9
510-84-6010	OVERTIME	6,064.12	23,105.11	45,000.00	21,894.89	51.3
510-84-6023	LEAVE CASHOUT	943.13	3,096.85	10,326.00	7,229.15	30.0
510-84-6030	SOCIAL SECURITY EXPENSE	.00	33.48	.00	(33.48)	.0
510-84-6031	PAYABLE MEDICARE FICA	348.98	1,445.10	3,722.00	2,276.90	38.8
510-84-6032	UNEMPLOYMENT	.00	.00	3,343.00	3,343.00	.0
510-84-6033	WORKERS' COMPENSATION	.00	572.78	5,042.00	4,469.22	11.4
510-84-6034	PERS	4,881.48	20,302.20	56,472.00	36,169.80	36.0
510-84-6040	EMPLOYEE GROUP BENEFITS	3,828.11	15,402.56	59,303.00	43,900.44	26.0
510-84-6041	UTILITY BENEFIT	1,181.21	4,724.84	12,996.00	8,271.16	36.4
510-84-6060	TRAVEL/TRAINING	.00	.00	10,000.00	10,000.00	.0
510-84-6100	SUPPLIES	.00	1,702.19	5,000.00	3,297.81	34.0
510-84-6103	WEARING APPAREL	.00	.00	3,000.00	3,000.00	.0
510-84-6108	PLUMBING SUPPLIES	188.44	324.25	.00	(324.25)	.0
510-84-6140	CHEMICALS	.00	40,728.00	125,000.00	84,272.00	32.6
510-84-6150	GASOLINE/DIESEL/OIL	.00	.00	5,500.00	5,500.00	.0
510-84-6153	HEATING FUEL(CS WTF)	23,525.19	47,862.72	120,000.00	72,137.28	39.9
510-84-6160	ELECTRICITY (CS WTF)	7,167.53	28,031.38	98,900.00	70,868.62	28.3
510-84-6170	TELEPHONE	128.21	511.60	.00	(511.60)	.0
510-84-6171	CELL PHONE	.00	.00	1,197.00	1,197.00	.0
510-84-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
510-84-6200	MINOR EQUIPMENT	359.36	(633.17)	43,000.00	43,633.17	(1.5)
510-84-6230	VEHICLE MAINT (ISF)	56.49	298.61	4,541.00	4,242.39	6.6
510-84-6240	PROPERTY MAINT	.00	8,270.99	51,041.00	42,770.01	16.2
510-84-6332	LAB TESTS	2,180.00	4,146.52	20,000.00	15,853.48	20.7
510-84-6335	OTHER PURCHASED SERVICES	.00	.00	15,000.00	15,000.00	.0
510-84-6400	INSURANCE	.00	11,126.53	67,976.00	56,849.47	16.4
510-84-6502	ADVERTISING	.00	.00	500.00	500.00	.0
510-84-6710	ADMIN OVERHEAD-GF	.00	8,784.30	102,767.00	93,982.70	8.6
510-84-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.58	.00	(6,761.58)	.0
	TOTAL CITY SUB WTR TREATMENT	66,976.73	296,316.17	1,118,904.00	822,587.83	26.5

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

WATER & SEWER SERVICES

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	HAULED SEWER					
510-85-6000	SALARIES	67,078.80	252,936.36	616,695.00	363,758.64	41.0
510-85-6010	OVERTIME	17,630.47	77,565.87	200,000.00	122,434.13	38.8
510-85-6023	LEAVE CASHOUT	.00	.00	30,083.00	30,083.00	.0
510-85-6030	SOCIAL SECURITY EXPENSE	3,706.23	13,850.72	.00	(13,850.72)	.0
510-85-6031	PAYABLE MEDICARE FICA	1,228.94	4,794.87	11,842.00	7,047.13	40.5
510-85-6032	UNEMPLOYMENT	.00	.00	7,753.00	7,753.00	.0
510-85-6033	WORKERS' COMPENSATION	.00	3,355.92	18,061.00	14,705.08	18.6
510-85-6034	PERS	5,484.84	23,562.46	179,673.00	156,110.54	13.1
510-85-6040	EMPLOYEE GROUP BENEFITS	5,631.32	22,825.65	211,721.00	188,895.35	10.8
510-85-6041	UTILITY BENEFIT	424.61	1,904.26	46,398.00	44,493.74	4.1
510-85-6100	SUPPLIES	3,625.53	6,517.53	15,000.00	8,482.47	43.5
510-85-6103	WEARING APPAREL	144.99	835.95	15,000.00	14,164.05	5.6
510-85-6150	GASOLINE/DIESEL/OIL	3,379.08	20,184.89	110,000.00	89,815.11	18.4
510-85-6153	HEATING FUEL	.00	3,270.37	22,500.00	19,229.63	14.5
510-85-6155	WATER/SEWER/GARBAGE	.00	1,064.54	6,750.00	5,685.46	15.8
510-85-6160	ELECTRICITY	.00	2,904.37	18,000.00	15,095.63	16.1
510-85-6171	STAFF CELLULAR PHONES	.00	.00	598.00	598.00	.0
510-85-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
510-85-6200	MINOR EQUIPMENT	.00	337.75	5,000.00	4,662.25	6.8
510-85-6230	VEHICLE MAINT/REPAIR	(8,483.54)	26,338.12	334,930.00	308,591.88	7.9
510-85-6231	VEHICLE PARTS & TOOLS	2,176.81	34,895.54	125,000.00	90,104.46	27.9
510-85-6240	PROPERTY MAINT	.00	4,868.05	30,625.00	25,756.95	15.9
510-85-6335	OTHER PURCHASED SERVICES	.00	.00	3,000.00	3,000.00	.0
510-85-6400	INSURANCE	.00	12,372.88	76,442.00	64,069.12	16.2
510-85-6539	MISCELLANEOUS EXPENSES	.00	.00	2,000.00	2,000.00	.0
510-85-6710	ADMIN OVERHEAD-GF	.00	38,652.71	102,767.00	64,114.29	37.6
510-85-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.58	.00	(6,761.58)	.0
	TOTAL HAULED SEWER	102,028.08	559,800.39	2,227,426.00	1,667,625.61	25.1

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

WATER & SEWER SERVICES

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	PIPED SEWER					
510-86-6000	SALARIES	8,219.46	35,682.09	180,633.00	144,950.91	19.8
510-86-6010	OVERTIME	2,570.50	8,123.90	35,000.00	26,876.10	23.2
510-86-6023	LEAVE CASHOUT	.00	.00	7,445.00	7,445.00	.0
510-86-6030	SOCIAL SECURITY EXPENSE	98.14	397.16	1,736.00	1,338.84	22.9
510-86-6031	PAYABLE MEDICARE FICA	155.99	650.16	3,127.00	2,476.84	20.8
510-86-6032	UNEMPLOYMENT	.00	130.02	3,838.00	3,707.98	3.4
510-86-6033	WORKERS' COMPENSATION	.00	454.10	4,769.00	4,314.90	9.5
510-86-6034	PERS	2,025.55	8,228.02	41,279.00	33,050.98	19.9
510-86-6040	EMPLOYEE GROUP BENEFITS	987.01	9,332.43	49,939.00	40,606.57	18.7
510-86-6041	UTILITY BENEFITS	19.89	1,497.41	10,944.00	9,446.59	13.7
510-86-6100	SUPPLIES	1,241.12	1,981.97	3,000.00	1,018.03	66.1
510-86-6103	WEARING APPAREL	.00	1,967.07	4,000.00	2,032.93	49.2
510-86-6108	PLUMBING SUPPLIES	.00	349.13	7,500.00	7,150.87	4.7
510-86-6150	GASOLINE/DIESEL/OIL	519.52	2,842.45	15,000.00	12,157.55	19.0
510-86-6153	HEATING FUEL	1,001.14	3,310.64	60,000.00	56,689.36	5.5
510-86-6155	WATER/SEWER/GARBAGE	.00	554.22	2,200.00	1,645.78	25.2
510-86-6160	ELECTRICITY-LIFTST & BLDG	5,964.26	25,101.02	108,000.00	82,898.98	23.2
510-86-6171	CELL PHONE	.00	52.99	1,197.00	1,144.01	4.4
510-86-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
510-86-6200	MINOR EQUIPMENT	75,492.53	82,129.73	150,000.00	67,870.27	54.8
510-86-6230	VEHICLE MAINT/REPAIR	.00	217.91	4,087.00	3,869.09	5.3
510-86-6231	VEHICLE PARTS & TOOLS	72.50	3,310.71	1,500.00	(1,810.71)	220.7
510-86-6232	TIRES & WHEELS	.00	.00	500.00	500.00	.0
510-86-6240	PROPERTY MAINT	.00	8,112.40	51,041.00	42,928.60	15.9
510-86-6335	OTHER PURCHASED SERVICES	617.50	2,666.91	10,000.00	7,333.09	26.7
510-86-6400	INSURANCE	.00	11,659.96	10,255.00	(1,404.96)	113.7
510-86-6410	LEASED PROPERTY-LIFT STATIONS	.00	17,381.25	17,000.00	(381.25)	102.2
510-86-6710	ADMIN OVERHEAD-GF	.00	8,784.30	102,767.00	93,982.70	8.6
510-86-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.58	.00	(6,761.58)	.0
	TOTAL PIPED SEWER	98,985.11	241,679.53	924,345.00	682,665.47	26.2

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

WATER & SEWER SERVICES

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	SEWER LAGOON					
510-87-6000	SALARIES	3,819.38	15,474.72	39,296.00	23,821.28	39.4
510-87-6010	OVERTIME	441.43	805.42	6,250.00	5,444.58	12.9
510-87-6023	LEAVE CASHOUT	.00	.00	2,300.00	2,300.00	.0
510-87-6030	SOCIAL SECURITY EXPENSE	.00	22.32	.00	(22.32)	.0
510-87-6031	PAYABLE MEDICARE FICA	61.90	236.88	660.00	423.12	35.9
510-87-6032	UNEMPLOYMENT	.00	.00	811.00	811.00	.0
510-87-6033	WORKERS' COMPENSATION	.00	88.40	1,007.00	918.60	8.8
510-87-6034	PERS	937.38	3,502.42	10,020.00	6,517.58	35.0
510-87-6040	EMPLOYEE GROUP BENEFITS	912.84	3,187.78	12,485.00	9,297.22	25.5
510-87-6041	UTILITY BENEFIT	39.79	158.06	2,736.00	2,577.94	5.8
510-87-6060	TRAVEL/TRAINING	.00	.00	3,000.00	3,000.00	.0
510-87-6100	SUPPLIES	.00	267.63	1,000.00	732.37	26.8
510-87-6103	WEARING APPAREL	.00	.00	3,000.00	3,000.00	.0
510-87-6108	PLUMBING SUPPLIES	.00	.00	3,000.00	3,000.00	.0
510-87-6150	GASOLINE/DIESEL/OIL	.00	12.29	38,000.00	37,987.71	.0
510-87-6200	MINOR EQUIPMENT	.00	233.92	1,100.00	866.08	21.3
510-87-6231	VEHICLE PARTS & TOOLS	.00	1,255.59	160.00	(1,095.59)	784.7
510-87-6324	PLANNING/ENGINEERING FEES	.00	.00	15,000.00	15,000.00	.0
510-87-6332	LAB TESTS (SAMPLES)	4,681.52	10,154.90	500.00	(9,654.90)	2031.0
510-87-6400	INSURANCE	.00	267.22	1,650.00	1,382.78	16.2
510-87-6503	DUES & SUBSCRIPTIONS	.00	.00	8,000.00	8,000.00	.0
510-87-6710	ADMIN OVERHEAD-GF	.00	1,757.26	102,767.00	101,009.74	1.7
	TOTAL SEWER LAGOON	10,894.24	37,424.81	252,742.00	215,317.19	14.8
	TOTAL FUND EXPENDITURES	429,902.74	2,012,947.99	9,464,044.00	7,451,096.01	21.3
	NET REVENUE OVER EXPENDITURES	382,168.82	1,270,039.18	76,485.00	(1,193,554.18)	1660.5

CITY OF BETHEL
REVENUES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

MUNICIPAL DOCK

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
	CHARGES FOR SERVICES					
520-43-4402	CITY DOCK-STORAGE	.00	90.00	75,000.00	74,910.00	.1
520-43-4403	CITY DOCK-PERMITS	.00	.00	3,000.00	3,000.00	.0
520-43-4404	CITY DOCK-WHARFAGE	14,755.45	34,256.19	140,000.00	105,743.81	24.5
520-43-4405	CITY DOCK-DOCKAGE	3,392.74	11,152.09	30,000.00	18,847.91	37.2
520-43-4409	SBH PETRO PORT-FUEL THRU-PUT	35,434.02	101,788.58	250,000.00	148,211.42	40.7
520-43-4410	PETRO YARD - STORAGE	.00	.00	2,000.00	2,000.00	.0
520-43-4412	PETRO PORT-FUEL THRU-PUT	70,868.04	203,577.16	500,000.00	296,422.84	40.7
520-43-4413	PETRO PORT-DOCKAGE	4,509.16	14,773.44	25,000.00	10,226.56	59.1
520-43-4415	SEAWALL MOORAGE	.00	.00	30,000.00	30,000.00	.0
520-43-4416	SEAWALL DOCKAGE	1,700.39	4,185.59	30,000.00	25,814.41	14.0
520-43-4418	BEACH-STORAGE	.00	375.84	35,000.00	34,624.16	1.1
520-43-4419	BEACH-WHARFAGE	8,273.71	20,043.49	110,000.00	89,956.51	18.2
520-43-4420	BEACH-DOCKAGE	3,065.47	11,674.21	35,000.00	23,325.79	33.4
520-43-4422	BOAT HARBOR-MOORAGE	.00	2,268.00	15,000.00	12,732.00	15.1
	TOTAL CHARGES FOR SERVICES	141,998.98	404,184.59	1,280,000.00	875,815.41	31.6
	LEASE REVENUE					
520-44-4440	LEASE REVENUE	.00	.00	32,412.00	32,412.00	.0
	TOTAL LEASE REVENUE	.00	.00	32,412.00	32,412.00	.0
	MISCELLANEOUS					
520-45-4388	EXTRA WATER CALLS	7,025.00	16,152.80	30,000.00	13,847.20	53.8
520-45-4424	SMALL BOAT HARBOR STORAGE	.00	200.00	5,000.00	4,800.00	4.0
520-45-4535	SMALL BOAT HARBOR PERMITS	.00	1,220.00	12,000.00	10,780.00	10.2
	TOTAL MISCELLANEOUS	7,025.00	17,572.80	47,000.00	29,427.20	37.4
	MISCELLANEOUS					
520-49-4439	MISCELLANEOUS REVENUE	.00	225.00	2,000.00	1,775.00	11.3
520-49-4590	INVESTMENT INCOME	.00	7,508.69	33,876.00	26,367.31	22.2
520-49-4591	INVESTMENT INCOME-SEAWALL ACCT	.00	.00	33,876.00	33,876.00	.0
	TOTAL MISCELLANEOUS	.00	7,733.69	69,752.00	62,018.31	11.1
	TOTAL FUND REVENUE	149,023.98	429,491.08	1,429,164.00	999,672.92	30.1

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

MUNICIPAL DOCK

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	DOCK EXPENDITURES					
520-50-6000	SALARIES	12,296.18	62,042.65	205,121.00	143,078.35	30.3
520-50-6010	OVERTIME	184.71	664.13	5,000.00	4,335.87	13.3
520-50-6023	LEAVE CASHOUT	.00	6,695.92	9,001.00	2,305.08	74.4
520-50-6030	SOCIAL SECURITY EXPENSE	.00	363.07	1,277.00	913.93	28.4
520-50-6031	PAYABLE MEDICARE FICA	190.44	1,044.70	3,047.00	2,002.30	34.3
520-50-6032	UNEMPLOYMENT	.00	.00	2,402.00	2,402.00	.0
520-50-6033	WORKERS' COMPENSATION	.00	602.70	5,817.00	5,214.30	10.4
520-50-6034	PERS	2,745.79	12,507.18	41,696.00	29,188.82	30.0
520-50-6040	EMPLOYEE GROUP BENEFITS	4,813.76	18,791.19	52,436.00	33,644.81	35.8
520-50-6041	UTILITY BENEFIT	836.53	4,016.04	11,491.00	7,474.96	35.0
520-50-6060	TRAVEL/TRAINING	.00	.00	5,000.00	5,000.00	.0
520-50-6100	SUPPLIES	.00	315.94	8,000.00	7,684.06	4.0
520-50-6103	WEARING APPAREL	.00	.00	5,000.00	5,000.00	.0
520-50-6121	MUNICIPAL DOCK GRAVEL	.00	.00	130,000.00	130,000.00	.0
520-50-6150	GASOLINE/DIESEL/OIL	1,868.91	7,693.60	15,000.00	7,306.40	51.3
520-50-6153	HEATING FUEL	153.41	1,759.23	5,000.00	3,240.77	35.2
520-50-6155	WATER/SEWER/GARBAGE	.00	5,107.93	13,500.00	8,392.07	37.8
520-50-6156	WATER FOR BARGES	.00	.00	12,000.00	12,000.00	.0
520-50-6160	ELECTRICITY	817.89	4,185.45	18,900.00	14,714.55	22.2
520-50-6170	TELEPHONE	193.15	770.74	2,316.00	1,545.26	33.3
520-50-6171	STAFF CELLULAR PHONES	.00	400.20	1,197.00	796.80	33.4
520-50-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
520-50-6200	MINOR EQUIPMENT	.00	.00	10,000.00	10,000.00	.0
520-50-6230	VEHICLE MAINT/REPAIR	.00	193.70	3,633.00	3,439.30	5.3
520-50-6231	VEHICLE PARTS & TOOLS	346.28	930.51	5,000.00	4,069.49	18.6
520-50-6240	PROPERTY MAINT	.00	4,868.05	.00	(4,868.05)	.0
520-50-6241	MUNICIPAL DOCK MAINT.	1,452.98	1,532.78	20,000.00	18,467.22	7.7
520-50-6242	MAINT-SEAWALL	.00	.00	7,000.00	7,000.00	.0
520-50-6244	ICR-PROPERTY MAINTENANCE 5%	.00	.00	30,625.00	30,625.00	.0
520-50-6339	OTHER PURCHASED SERVICES	.00	278.04	.00	(278.04)	.0
520-50-6400	INSURANCE	.00	11,773.20	72,739.00	60,965.80	16.2
520-50-6502	ADVERTISING	.00	.00	1,000.00	1,000.00	.0
520-50-6503	DUES & SUBSCRIPTIONS	.00	.00	2,000.00	2,000.00	.0
520-50-6531	BANK CHARGES	.00	474.36	3,000.00	2,525.64	15.8
520-50-6539	MISCELLANEOUS EXPENSES	.00	61.83	900.00	838.17	6.9
520-50-6710	ADMIN OVERHEAD-GF	.00	8,784.30	172,402.00	163,617.70	5.1
520-50-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.58	.00	(6,761.58)	.0
520-50-6890	CAPITAL EXPENDITURES	.00	150,308.36	.00	(150,308.36)	.0
	TOTAL DOCK EXPENDITURES	25,900.03	312,927.38	919,088.00	606,160.62	34.1

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

MUNICIPAL DOCK

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	SMALL BOAT HARBOR					
520-55-6000	SALARIES	2,381.66	32,191.76	113,114.00	80,922.24	28.5
520-55-6010	OVERTIME	20.53	102.31	1,500.00	1,397.69	6.8
520-55-6023	LEAVE CASHOUT	.00	489.59	1,388.00	898.41	35.3
520-55-6030	SOCIAL SECURITY EXPENSE	.00	1,306.68	5,248.00	3,941.32	24.9
520-55-6031	PAYABLE MEDICARE FICA	34.94	476.27	1,662.00	1,185.73	28.7
520-55-6032	UNEMPLOYMENT	.00	.00	2,040.00	2,040.00	.0
520-55-6033	WORKERS' COMPENSATION	.00	334.40	3,173.00	2,838.60	10.5
520-55-6034	PERS	528.49	2,468.07	6,591.00	4,122.93	37.5
520-55-6040	EMPLOYEE GROUP BENEFITS	811.85	2,904.92	9,988.00	7,083.08	29.1
520-55-6041	UTILITY BENEFIT	53.35	287.82	2,189.00	1,901.18	13.2
520-55-6100	SUPPLIES	12.29	2,745.70	3,000.00	254.30	91.5
520-55-6103	WEARING APPAREL	.00	83.99	3,000.00	2,916.01	2.8
520-55-6132	SMALL BOAT HARBOR GRAVEL	.00	.00	30,000.00	30,000.00	.0
520-55-6150	GASOLINE/DIESEL/OIL	.00	.00	12,000.00	12,000.00	.0
520-55-6200	MINOR EQUIPMENT	.00	256.52	4,000.00	3,743.48	6.4
520-55-6241	SMALL BOAT HARBOR MAINTENANCE	.00	171.96	6,000.00	5,828.04	2.9
520-55-6400	INSURANCE	.00	672.34	4,153.00	3,480.66	16.2
520-55-6539	MISCELLANEOUS EXPENSES	.00	92.27	1,000.00	907.73	9.2
520-55-6710	ADMIN OVERHEAD-GF	.00	3,513.52	28,016.00	24,502.48	12.5
520-55-6890	CAP EXP SBH	.00	987,000.00	.00	(987,000.00)	.0
	TOTAL SMALL BOAT HARBOR	3,843.11	1,035,098.12	238,062.00	(797,036.12)	434.8
	TOTAL FUND EXPENDITURES	29,743.14	1,348,025.50	1,157,150.00	(190,875.50)	116.5
	NET REVENUE OVER EXPENDITURES	119,280.84	(918,534.42)	272,014.00	1,190,548.42	(337.7)

CITY OF BETHEL
REVENUES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

LEASED PROPERTIES

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
	LEASE INCOME					
530-44-4443	LEASE-SOA DEPT OF ADMIN-OCS	.00	.00	108,000.00	108,000.00	.0
530-44-4444	LEASE-COURT SYSTEM	.00	.00	486,528.00	486,528.00	.0
530-44-4447	LEASE:DEPT OF LAW	.00	.00	169,056.00	169,056.00	.0
530-44-4451	LEASE-BETHEL SPORTSMANS CLUB	.00	.00	1.00	1.00	.0
530-44-4452	LEASE-FW TOWER RD LND ASPHALT	.00	.00	12,600.00	12,600.00	.0
530-44-4453	YKHC - WAREHOUSE	1,976.00	1,976.00	5,808.00	3,832.00	34.0
530-44-4455	DMV LEASE 300 CEHHWY	.00	.00	12,360.00	12,360.00	.0
530-44-4456	LEASE-LIONS CLUB	.00	.00	1,800.00	1,800.00	.0
530-44-4459	LAND LEASE-BETHEL GROUP HOME	.00	.00	3,600.00	3,600.00	.0
530-44-4461	LEASE LAND AVCP HEARSTART	.00	.00	3,300.00	3,300.00	.0
530-44-4463	LEASE LAND SWANSONS/BTP	.00	.00	24,084.00	24,084.00	.0
530-44-4467	LEASE LAND EUNKANG CHURCH	.00	.00	1,800.00	1,800.00	.0
530-44-4470	LEASE LAND GCI	.00	.00	12,612.00	12,612.00	.0
530-44-4474	LEASE:SOA DOT&PUBFAL(560 4TH)	.00	.00	9,600.00	9,600.00	.0
530-44-9455	YKHC RENTED BLDING 378 FIFTH	.00	.00	20,364.00	20,364.00	.0
	TOTAL LEASE INCOME	1,976.00	1,976.00	871,513.00	869,537.00	.2
	MISCELLANEOUS					
530-49-4590	INVESTMENT INCOME	.00	872.47	7,500.00	6,627.53	11.6
	TOTAL MISCELLANEOUS	.00	872.47	7,500.00	6,627.53	11.6
	TOTAL FUND REVENUE	1,976.00	2,848.47	879,013.00	876,164.53	.3

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

LEASED PROPERTIES

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	LEASED PROPERTIES-MISC					
530-50-6153	HEATING FUEL	.00	.00	21,600.00	21,600.00	.0
530-50-6155	WATER	.00	.00	21,600.00	21,600.00	.0
530-50-6160	ELECTRICITY	.00	.00	21,600.00	21,600.00	.0
530-50-6339	OTHER PURCHASED SERVICES	.00	.00	12,960.00	12,960.00	.0
530-50-6400	INSURANCE	.00	1,736.04	10,726.00	8,989.96	16.2
	TOTAL LEASED PROPERTIES-MISC	.00	1,736.04	88,486.00	86,749.96	2.0
	LEASED PROP-COURT COMPLEX					
530-55-6153	HEATING FUEL-COURTCOMPLEX	4,532.47	13,664.50	61,598.00	47,933.50	22.2
530-55-6155	WATER/SEWER/GARB-COURTCOM	.00	13,806.12	23,240.00	9,433.88	59.4
530-55-6160	ELECTRICITY-COURT COMPLEX	8,456.23	31,883.25	97,570.00	65,686.75	32.7
530-55-6170	TELEPHONE	63.27	252.46	800.00	547.54	31.6
530-55-6240	PROPERTY MT-COURT COMPLEX	.00	19,533.17	122,499.00	102,965.83	16.0
530-55-6241	ICR-PROPERTY MAINTENANCE-15%	.00	940.28	25,000.00	24,059.72	3.8
530-55-6333	JANITORIAL-COURT COMPLEX	1,630.00	12,340.00	89,500.00	77,160.00	13.8
530-55-6339	OTHER PURCHASED SERVICES	.00	.00	2,500.00	2,500.00	.0
530-55-6400	INSURANCE	.00	8,274.10	51,121.00	42,846.90	16.2
530-55-6420	COURTHOUSE LOAN INTEREST	17,500.00	17,500.00	.00	(17,500.00)	.0
530-55-6421	BOND INTEREST EXPENSE	.00	.00	29,500.00	29,500.00	.0
530-55-6710	ADMIN OVERHEAD	.00	.00	121,105.00	121,105.00	.0
	TOTAL LEASED PROP-COURT COMPLEX	32,181.97	118,193.88	624,433.00	506,239.12	18.9
	TOTAL FUND EXPENDITURES	32,181.97	119,929.92	712,919.00	592,989.08	16.8
	NET REVENUE OVER EXPENDITURES	(30,205.97)	(117,081.45)	166,094.00	283,175.45	(70.5)

CITY OF BETHEL
REVENUES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

BETHEL PUBLIC TRANSIT SYSTEM

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
	LOCAL SOURCES					
560-40-4600	CASH TRANSFER GF	.00	.00	257,459.00	257,459.00	.0
	TOTAL LOCAL SOURCES	.00	.00	257,459.00	257,459.00	.0
	FEDERAL SOURCES					
560-41-4101	REV-FEDERAL TRANSIT 5311	.00	45,573.91	278,271.00	232,697.09	16.4
	TOTAL FEDERAL SOURCES	.00	45,573.91	278,271.00	232,697.09	16.4
	CHARGES FOR SERVICES					
560-43-4370	BUS FARES	1,488.00	6,576.00	40,000.00	33,424.00	16.4
	TOTAL CHARGES FOR SERVICES	1,488.00	6,576.00	40,000.00	33,424.00	16.4
	TOTAL FUND REVENUE	1,488.00	52,149.91	575,730.00	523,580.09	9.1

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

BETHEL PUBLIC TRANSIT SYSTEM

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	TRANSIT SYSTEM SECTION 5311					
560-50-6000	SALARIES	11,737.64	52,451.20	151,057.00	98,605.80	34.7
560-50-6010	OVERTIME	958.57	7,982.23	15,000.00	7,017.77	53.2
560-50-6023	LEAVE CASHOUT	.00	.00	6,010.00	6,010.00	.0
560-50-6030	SOCIAL SECURITY EXPENSE	.00	.00	1,727.00	1,727.00	.0
560-50-6031	PAYABLE MEDICARE FICA	190.55	902.07	2,408.00	1,505.93	37.5
560-50-6032	UNEMPLOYMENT	.00	.00	1,916.00	1,916.00	.0
560-50-6033	WORKERS' COMPENSATION	.00	867.68	4,290.00	3,422.32	20.2
560-50-6034	PERS	2,793.17	13,295.36	30,403.00	17,107.64	43.7
560-50-6040	EMPLOYEE GROUP BENEFITS	4,361.14	17,663.43	41,616.00	23,952.57	42.4
560-50-6041	UTILITY BENEFIT	736.35	2,647.93	9,120.00	6,472.07	29.0
560-50-6060	TRAVEL/TRAINING	27.00	261.00	.00	(261.00)	.0
560-50-6100	SUPPLIES	15.50	(2,180.62)	2,000.00	4,180.62	(109.0)
560-50-6150	GASOLINE/DIESEL/OIL	2,257.84	7,413.78	24,000.00	16,586.22	30.9
560-50-6153	HEATING FUEL	1,145.81	2,538.26	15,000.00	12,461.74	16.9
560-50-6155	WTR/SWR/GRB	.00	806.24	4,200.00	3,393.76	19.2
560-50-6160	ELECTRICITY	547.28	1,923.31	6,000.00	4,076.69	32.1
560-50-6170	TELEPHONE	1.67	6.68	.00	(6.68)	.0
560-50-6171	STAFF CELLULAR PHONES	.00	149.58	598.00	448.42	25.0
560-50-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
560-50-6230	VEHICLE MAINT/REPAIR	.00	1,573.61	29,519.00	27,945.39	5.3
560-50-6231	VEHICLE PARTS & TOOLS	.00	2,527.12	5,000.00	2,472.88	50.5
560-50-6240	PROPERY MAINTENANCE (ISF)	.00	6,489.73	40,833.00	34,343.27	15.9
560-50-6400	INSURANCE	.00	2,143.42	13,242.00	11,098.58	16.2
560-50-6503	DUES & SUBSCRIPTIONS	.00	.00	300.00	300.00	.0
560-50-6539	MISCELLANEOUS EXPENSES	.00	.00	1,500.00	1,500.00	.0
560-50-6710	ADMIN OVERHEAD-GF	.00	7,028.04	92,404.00	85,375.96	7.6
560-50-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.58	.00	(6,761.58)	.0
	TOTAL TRANSIT SYSTEM SECTION 5311	24,772.52	133,251.63	535,731.00	402,479.37	24.9
	TOTAL FUND EXPENDITURES	24,772.52	133,251.63	535,731.00	402,479.37	24.9
	NET REVENUE OVER EXPENDITURES	(23,284.52)	(81,101.72)	39,999.00	121,100.72	(202.8)

CITY OF BETHEL
REVENUES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

VEHICLES & EQUIP MAINTENANCE

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
	CHARGES FOR SERVICES					
570-43-4651	FROM GF-ADMIN	.00	60.72	2,271.00	2,210.28	2.7
570-43-4653	FROM GF-FINANCE	.00	121.06	2,271.00	2,149.94	5.3
570-43-4654	FROM GF-PLANNING	.00	90.78	1,703.00	1,612.22	5.3
570-43-4655	FROM GF-FIRE	.00	1,089.43	20,436.00	19,346.57	5.3
570-43-4656	FROM GF-POLICE	.00	1,246.78	23,388.00	22,141.22	5.3
570-43-4657	FROM GF-PW ADMIN	.00	260.26	4,882.00	4,621.74	5.3
570-43-4658	FROM GF-STREETS/ROADS	.00	9,078.60	173,745.00	164,666.40	5.2
570-43-4661	FROM GF-PROPERTY MAINT.	.00	375.26	7,039.00	6,663.74	5.3
570-43-4664	FROM GF-PIPED SEWER	.00	217.91	4,087.00	3,869.09	5.3
570-43-4665	FROM GEN FUND-IT SVCS	.00	181.56	.00	(181.56)	.0
570-43-4671	FROM EF-PORT	.00	193.70	3,633.00	3,439.30	5.3
570-43-4672	FROM EF-HAULED WATER	.00	18,139.06	340,266.00	322,126.94	5.3
570-43-4673	FROM EF-HAULED SEWER	.00	17,854.58	334,930.00	317,075.42	5.3
570-43-4674	FROM EF-PIPED WATER	.00	175.50	3,293.00	3,117.50	5.3
570-43-4676	FROM EF-HAULED REFUSE	.00	4,357.71	80,578.00	76,220.29	5.4
570-43-4677	FROM EF-LANDFILL OPERATIONS	.00	4,841.95	90,828.00	85,986.05	5.3
570-43-4678	FROM EF-BETHEL HGT WATER TRMT	.00	178.56	3,349.00	3,170.44	5.3
570-43-4680	FROM EF-CITY SUB WATER TRMT	.00	242.12	4,541.00	4,298.88	5.3
570-43-4684	FROM EF-BETHEL TRANSIT SYSTEM	.00	1,573.61	29,519.00	27,945.39	5.3
570-43-4686	FROM EF- YKAHTC	.00	.00	1,132.00	1,132.00	.0
	TOTAL CHARGES FOR SERVICES	.00	60,279.15	1,131,891.00	1,071,611.85	5.3
	TOTAL FUND REVENUE	.00	60,279.15	1,131,891.00	1,071,611.85	5.3

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 4 MONTHS ENDING OCTOBER 31, 2025

VEHICLES & EQUIP MAINTENANCE

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	VEHICLE & EQUIP MAINT					
570-50-6000	SALARIES	19,301.19	97,322.91	446,392.00	349,069.09	21.8
570-50-6010	OVERTIME	929.44	3,332.13	15,000.00	11,667.87	22.2
570-50-6023	LEAVE CASHOUT	.00	.00	21,775.00	21,775.00	.0
570-50-6030	SOCIAL SECURITY EXPENSE	.00	245.02	.00	(245.02)	.0
570-50-6031	PAYABLE MEDICARE FICA	310.03	1,527.07	6,690.00	5,162.93	22.8
570-50-6032	UNEMPLOYMENT	.00	.00	5,145.00	5,145.00	.0
570-50-6033	WORKERS' COMPENSATION	.00	1,715.36	10,775.00	9,059.64	15.9
570-50-6034	PERS	4,450.84	21,274.75	101,506.00	80,231.25	21.0
570-50-6040	EMPLOYEE GROUP BENEFITS	4,472.72	16,945.57	147,737.00	130,791.43	11.5
570-50-6041	UTILITY BENEFIT	1,433.24	5,732.94	32,376.00	26,643.06	17.7
570-50-6060	TRAVEL/TRAINING	.00	.00	5,000.00	5,000.00	.0
570-50-6100	SUPPLIES	256.87	1,118.10	10,000.00	8,881.90	11.2
570-50-6103	WEARING APPAREL	.00	113.97	4,000.00	3,886.03	2.9
570-50-6150	GASOLINE/DIESEL/OIL	129.82	978.32	8,000.00	7,021.68	12.2
570-50-6153	HEATING FUEL	.00	3,270.37	22,500.00	19,229.63	14.5
570-50-6155	WATER/SEWER/GARBAGE	.00	1,064.54	6,750.00	5,685.46	15.8
570-50-6160	ELECTRICITY	.00	2,904.38	18,000.00	15,095.62	16.1
570-50-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
570-50-6200	MINOR EQUIPMENT	110.37	1,601.58	5,000.00	3,398.42	32.0
570-50-6231	VEHICLE PARTS & TOOLS	1,503.36	3,101.28	10,000.00	6,898.72	31.0
570-50-6339	OTHER PURCHASED SERVICES	.00	583.44	5,000.00	4,416.56	11.7
570-50-6400	INSURANCE	.00	6,213.86	38,390.00	32,176.14	16.2
570-50-6503	DUES & SUBSCRIPTIONS	1,830.00	4,330.00	20,000.00	15,670.00	21.7
570-50-6710	ADMIN OVERHEAD-GF	.00	21,083.10	154,269.00	133,185.90	13.7
570-50-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.58	.00	(6,761.58)	.0
	TOTAL VEHICLE & EQUIP MAINT	34,727.88	201,220.27	1,131,893.00	930,672.73	17.8
	TOTAL FUND EXPENDITURES	34,727.88	201,220.27	1,131,893.00	930,672.73	17.8
	NET REVENUE OVER EXPENDITURES	(34,727.88)	(140,941.12)	(2.00)	140,939.12	(70470

CITY OF BETHEL
REVENUES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
	TAXES					
100-40-4300	TAX - SALES	763,511.56	2,752,984.35	8,400,000.00	5,647,015.65	32.8
100-40-4301	PENALTIES & INT - SALES TAX	4,352.29	29,648.59	58,204.00	28,555.41	50.9
100-40-4310	TAX - TRANSIENT LODGING	3,624.58	207,326.07	517,772.00	310,445.93	40.0
100-40-4320	CIGARETTE AND TOBACCO TAX	57,835.69	211,529.60	612,958.00	401,428.40	34.5
100-40-4322	MARIJUANA TAX	73,144.44	257,455.97	930,298.00	672,842.03	27.7
100-40-4330	TAX - ALCOHOL USE	24,995.44	114,881.13	394,766.00	279,884.87	29.1
100-40-4340	TAX - MOTOR VEH REGISTRATION	.00	4,761.33	58,548.00	53,786.67	8.1
100-40-4342	AK REMOTE SELLER SALES TAX	.00	55,525.63	1,122,638.00	1,067,112.37	5.0
	TOTAL TAXES	927,464.00	3,634,112.67	12,095,184.00	8,461,071.33	30.1
	STATE & FEDERAL REVENUES					
100-42-4102	PILT PROGRAM - STATE	.00	.00	1,106,744.00	1,106,744.00	.0
100-42-4203	COMMUNITY DIVIDEND	.00	.00	121,737.00	121,737.00	.0
100-42-4345	SOA ELECTRIC CO-OP TAX SHARE	.00	.00	21,697.00	21,697.00	.0
	TOTAL STATE & FEDERAL REVENUES	.00	.00	1,250,178.00	1,250,178.00	.0
	CHARGES FOR SERVICES					
100-43-4360	COMMUNITY PARKS & RECREATION	.00	.00	632,000.00	632,000.00	.0
100-43-4374	AMBULANCE REVENUE	.00	4,455.56	160,000.00	155,544.44	2.8
	TOTAL CHARGES FOR SERVICES	.00	4,455.56	792,000.00	787,544.44	.6
	LICENSES, PERMITS & FEES					
100-45-4341	GAMING TAX	.00	200,840.98	574,062.00	373,221.02	35.0
100-45-4377	PARKS & REC JULY 4TH FEES	.00	250.00	.00	(250.00)	.0
100-45-4500	TAXI PERMITS	9,500.00	34,650.00	137,810.00	103,160.00	25.1
100-45-4502	BUSINESS LICENSES	3,900.00	4,400.00	32,000.00	27,600.00	13.8
100-45-4504	ANIMAL CONTROL LICENSES	.00	150.00	2,200.00	2,050.00	6.8
100-45-4510	PLANNING FEES	.00	4,333.00	10,450.00	6,117.00	41.5
100-45-4511	PLAT/RECORDING FEES	.00	.00	2,920.00	2,920.00	.0
100-45-4512	SITE REVIEWS	100.00	5,200.00	1,440.00	(3,760.00)	361.1
100-45-4559	MISC PERMITS/LICENSES/FEE	371.00	13,139.00	6,642.00	(6,497.00)	197.8
	TOTAL LICENSES, PERMITS & FEES	13,871.00	262,962.98	767,524.00	504,561.02	34.3

CITY OF BETHEL
REVENUES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
	MISCELLANEOUS					
100-49-4202	SOA COURT FINES/FEES	2,791.50	3,781.50	13,236.00	9,454.50	28.6
100-49-4362	PC TICKETS	.00	325.00	2,986.00	2,661.00	10.9
100-49-4379	POLICE DEPT MISC	127.50	3,124.02	6,820.00	3,695.98	45.8
100-49-4439	MISCELLANEOUS REVENUE	70.00	1,225.00	6,754.00	5,529.00	18.1
100-49-4590	INVESTMENT INCOME	.00	16,009.52	1,075,220.00	1,059,210.48	1.5
100-49-9482	SNOW REMOVAL	.00	.00	32,000.00	32,000.00	.0
	TOTAL MISCELLANEOUS	2,989.00	24,465.04	1,137,016.00	1,112,550.96	2.2
	TOTAL FUND REVENUE	944,324.00	3,925,996.25	16,041,902.00	12,115,905.75	24.5

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	ADMINISTRATION					
100-51-6000	SALARIES	29,668.52	163,863.53	411,991.00	248,127.47	39.8
100-51-6023	LEAVE CASHOUT	7,525.50	7,525.50	20,600.00	13,074.50	36.5
100-51-6030	SOCIAL SECURITY EXPENSE	238.86	1,548.21	3,030.00	1,481.79	51.1
100-51-6031	PAYABLE MEDICARE FICA	547.83	2,526.41	5,974.00	3,447.59	42.3
100-51-6032	UNEMPLOYMENT	.00	.00	2,841.00	2,841.00	.0
100-51-6033	WORKERS' COMPENSATION	.00	119.30	1,064.00	944.70	11.2
100-51-6034	PERS	5,679.55	30,556.53	79,888.00	49,331.47	38.3
100-51-6040	EMPLOYEE GROUP BENEFITS	2,080.32	11,033.98	62,424.00	51,390.02	17.7
100-51-6041	UTILITY BENEFIT	586.80	2,934.00	4,560.00	1,626.00	64.3
100-51-6044	YK FITNESS CENTER MEMBERSHIPPR	.00	.00	40,000.00	40,000.00	.0
100-51-6060	TRAVEL/TRAINING	2,726.89	4,320.80	20,000.00	15,679.20	21.6
100-51-6100	SUPPLIES	.00	148.83	7,000.00	6,851.17	2.1
100-51-6150	GASOLINE/DIESEL/OIL	.00	395.49	2,000.00	1,604.51	19.8
100-51-6153	HEATING FUEL	3,590.34	9,323.88	32,000.00	22,676.12	29.1
100-51-6155	WATER/SEWER/GARBAGE	.00	2,547.46	13,100.00	10,552.54	19.5
100-51-6160	ELECTRICITY	.00	12,246.76	24,150.00	11,903.24	50.7
100-51-6170	TELEPHONE	288.52	1,563.45	11,254.00	9,690.55	13.9
100-51-6171	STAFF CELLULAR PHONES	.00	149.58	1,197.00	1,047.42	12.5
100-51-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
100-51-6230	VEHICLE MAINT/REPAIR	24.34	1,183.26	2,271.00	1,087.74	52.1
100-51-6231	VEHICLE PARTS & TOOLS	.00	250.00	.00	(250.00)	.0
100-51-6325	CONSULTING FEES	.00	.00	20,000.00	20,000.00	.0
100-51-6333	JANITORIAL	1,300.00	6,525.00	15,000.00	8,475.00	43.5
100-51-6335	OTHER PURCHASED SERVICES	2,480.60	15,238.84	142,500.00	127,261.16	10.7
100-51-6400	INSURANCE	.00	5,287.10	32,666.00	27,378.90	16.2
100-51-6401	INSURANCE-DED EXP & OTHER	.00	.00	10,000.00	10,000.00	.0
100-51-6430	ALLOWANCE FOR SPECIAL EVENTS	39.98	438.44	20,000.00	19,561.56	2.2
100-51-6500	DRUG TESTING/BCKGRND CKS	298.82	5,623.90	.00	(5,623.90)	.0
100-51-6503	DUES & SUBSCRIPTIONS	.00	200.00	2,000.00	1,800.00	10.0
100-51-6506	POSTAGE	.00	80.15	1,000.00	919.85	8.0
100-51-6539	MISCELLANEOUS EXPENSES	.00	.00	1,500.00	1,500.00	.0
100-51-6700	INDIRECT COST RECOVERY	.00	(60,526.24)	.00	60,526.24	.0
100-51-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.57	.00	(6,761.57)	.0
100-51-6890	CAPITAL EXPENDITURES	.00	1,972.11	.00	(1,972.11)	.0
	TOTAL ADMINISTRATION	57,076.87	233,837.84	1,027,598.00	793,760.16	22.8

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	CITY CLERKS OFFICE					
100-52-6000	SALARIES	10,347.51	52,584.70	107,328.00	54,743.30	49.0
100-52-6021	SICK PAY	74.43	74.43	.00	(74.43)	.0
100-52-6023	LEAVE CASHOUT / PAYOUT	.00	.00	5,366.00	5,366.00	.0
100-52-6030	SOCIAL SECURITY EXPENSE	149.22	534.58	1,116.00	581.42	47.9
100-52-6031	PAYABLE MEDICARE FICA	153.56	775.77	1,556.00	780.23	49.9
100-52-6032	UNEMPLOYMENT	.00	.00	1,031.00	1,031.00	.0
100-52-6033	WORKERS' COMPENSATION	.00	31.08	232.00	200.92	13.4
100-52-6034	P.E.R.S.	1,763.38	9,688.21	23,612.00	13,923.79	41.0
100-52-6040	EMPLOYEE GROUP BENEFITS	1,101.04	5,556.40	20,808.00	15,251.60	26.7
100-52-6041	UTILITY BENEFIT	198.95	994.75	4,560.00	3,565.25	21.8
100-52-6060	TRAVEL/TRAINING-COUNCIL	.00	(128.64)	21,200.00	21,328.64	(.6)
100-52-6061	TRAVEL/TRAINING	.00	.00	4,800.00	4,800.00	.0
100-52-6100	SUPPLIES-CLERK	.00	.00	500.00	500.00	.0
100-52-6101	SUPPLIES-COUNCIL	.00	.00	600.00	600.00	.0
100-52-6171	STAFF CELLULAR PHONES	.00	299.16	598.00	298.84	50.0
100-52-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
100-52-6321	LEGAL FEES	.00	.00	7,000.00	7,000.00	.0
100-52-6335	OTHER PURCHASED SERVICES	.00	17,757.83	34,270.00	16,512.17	51.8
100-52-6400	INSURANCE	.00	629.44	3,889.00	3,259.56	16.2
100-52-6430	ALLOWANCE FOR SPECIAL EVENTS	.00	.00	600.00	600.00	.0
100-52-6502	ADVERTISING	.00	.00	40,000.00	40,000.00	.0
100-52-6503	DUES & SUBSCRIPTIONS	.00	6,507.52	7,195.00	687.48	90.5
100-52-6505	ELECTION EXPENSES	.00	6,561.08	20,450.00	13,888.92	32.1
100-52-6507	DONATIONS & AWARDS	.00	416.30	800.00	383.70	52.0
100-52-6700	INDRIECT COST RECOVERY	.00	(4,544.94)	.00	4,544.94	.0
100-52-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.57	.00	(6,761.57)	.0
	TOTAL CITY CLERKS OFFICE	13,788.09	104,499.24	345,099.00	240,599.76	30.3

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	FINANCE					
100-53-6000	SALARIES	45,030.60	211,647.99	572,674.00	361,026.01	37.0
100-53-6010	OVERTIME	300.51	1,533.24	10,000.00	8,466.76	15.3
100-53-6023	LEAVE CASHOUT	.00	.00	11,174.00	11,174.00	.0
100-53-6030	SOCIAL SECURITY EXPENSE	394.48	1,182.66	.00	(1,182.66)	.0
100-53-6031	PAYABLE MEDICARE FICA	677.46	3,199.79	8,449.00	5,249.21	37.9
100-53-6032	UNEMPLOYMENT	865.53	1,403.32	5,149.00	3,745.68	27.3
100-53-6033	WORKERS' COMPENSATION	.00	168.74	1,261.00	1,092.26	13.4
100-53-6034	PERS	8,573.07	42,703.27	128,188.00	85,484.73	33.3
100-53-6040	EMPLOYEE GROUP BENEFITS	5,231.49	18,003.73	150,858.00	132,854.27	11.9
100-53-6041	UTILITY BENEFIT	1,652.17	7,831.65	33,060.00	25,228.35	23.7
100-53-6060	TRAVEL/TRAINING	.00	483.00	20,000.00	19,517.00	2.4
100-53-6100	SUPPLIES	.00	1,370.64	10,000.00	8,629.36	13.7
100-53-6150	GASOLINE/DIESEL/OIL	.00	.00	1,200.00	1,200.00	.0
100-53-6170	TELEPHONE	8.35	41.75	100.00	58.25	41.8
100-53-6179	CONNECTIVITY SERVICES	.00	.00	37,588.00	37,588.00	.0
100-53-6200	MINOR EQUIPMENT	.00	568.02	8,000.00	7,431.98	7.1
100-53-6230	VEHICLE MAINT/REPAIR	24.34	145.40	2,271.00	2,125.60	6.4
100-53-6310	ADMIN-OUTSOURCED SERVICES	.00	.00	110,000.00	110,000.00	.0
100-53-6311	AUDITING EXPENSE	.00	41,561.31	205,500.00	163,938.69	20.2
100-53-6331	HARDWARE/SOFTWARE SUPPORT	.00	10,614.00	32,904.00	22,290.00	32.3
100-53-6335	OTHER PROFESSIONAL FEES	.00	18,856.03	125,000.00	106,143.97	15.1
100-53-6400	INSURANCE	.00	3,417.70	21,116.00	17,698.30	16.2
100-53-6502	ADVERTISING	.00	.00	2,500.00	2,500.00	.0
100-53-6503	DUES & SUBSCRIPTIONS	.00	.00	5,000.00	5,000.00	.0
100-53-6506	POSTAGE	.00	78.00	1,000.00	922.00	7.8
100-53-6530	FINANCE CHARGES/PENALTIES	.00	.00	300.00	300.00	.0
100-53-6531	BANK CHARGES	.00	6,361.74	52,500.00	46,138.26	12.1
100-53-6533	IRS PENALTIES AND INTEREST	.00	(123.14)	2,000.00	2,123.14	(6.2)
100-53-6539	MISCELLANEOUS EXPENSES	.00	47.33	4,000.00	3,952.67	1.2
100-53-6700	INDIRECT COST RECOVERY	.00	(96,380.78)	.00	96,380.78	.0
100-53-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.57	.00	(6,761.57)	.0
	TOTAL FINANCE	62,758.00	281,476.96	1,561,792.00	1,280,315.04	18.0

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	PLANNING					
100-54-6000	SALARIES	12,658.34	69,279.98	166,160.00	96,880.02	41.7
100-54-6010	OVERTIME	.00	108.25	.00	(108.25)	.0
100-54-6023	LEAVE CASHOUT	.00	.00	3,323.00	3,323.00	.0
100-54-6031	PAYABLE MEDICARE FICA	193.11	1,053.96	2,409.00	1,355.04	43.8
100-54-6032	UNEMPLOYMENT	.00	.00	1,420.00	1,420.00	.0
100-54-6033	WORKERS' COMPENSATION	.00	48.12	360.00	311.88	13.4
100-54-6034	PERS	2,784.84	15,265.43	36,555.00	21,289.57	41.8
100-54-6040	EMPLOYEE GROUP BENEFITS	3,585.22	17,963.61	41,616.00	23,652.39	43.2
100-54-6041	UTILITY BENEFIT	789.65	4,109.09	9,120.00	5,010.91	45.1
100-54-6061	TRAVEL/TRAINING	.00	.00	10,000.00	10,000.00	.0
100-54-6100	SUPPLIES	.00	67.01	4,200.00	4,132.99	1.6
100-54-6150	GASOLINE/DIESEL/OIL	150.45	592.03	2,000.00	1,407.97	29.6
100-54-6153	HEATING FUEL	.00	.00	3,402.00	3,402.00	.0
100-54-6155	WATER/SEWER/GARBAGE	.00	.00	760.00	760.00	.0
100-54-6160	ELECTRICITY	.00	.00	3,930.00	3,930.00	.0
100-54-6170	TELEPHONE	3.34	16.70	.00	(16.70)	.0
100-54-6171	STAFF CELLULAR PHONES	.00	149.58	598.00	448.42	25.0
100-54-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
100-54-6230	VEHICLE MAINT/REPAIR	.00	90.78	1,703.00	1,612.22	5.3
100-54-6231	VEHICLE PARTS & TOOLS	.00	.00	1,000.00	1,000.00	.0
100-54-6320	OTHER PROFESSIONAL FEES	.00	.00	40,000.00	40,000.00	.0
100-54-6400	INSURANCE	.00	1,240.76	7,666.00	6,425.24	16.2
100-54-6502	ADVERTISING	.00	1,160.40	3,000.00	1,839.60	38.7
100-54-6503	DUES & SUBSCRIPTIONS	.00	.00	1,000.00	1,000.00	.0
100-54-6539	MISCELLANEOUS EXPENSES	.00	.00	3,500.00	3,500.00	.0
100-54-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.57	.00	(6,761.57)	.0
	TOTAL PLANNING	20,164.95	117,907.27	381,310.00	263,402.73	30.9
	TECHNOLOGY DEPARTMENTS					
100-55-6150	GASOLINE/DIESEL/OIL	.00	165.92	.00	(165.92)	.0
100-55-6171	STAFF CELLULAR PHONES	.00	378.96	.00	(378.96)	.0
100-55-6179	CONNECTIVITY SERVICES	23,979.95	96,663.35	339,526.00	242,862.65	28.5
100-55-6200	MINOR EQUIPMENT	.00	.00	25,643.00	25,643.00	.0
100-55-6210	EQUIPMENT RENTAL	1,644.90	23,434.12	256,487.00	233,052.88	9.1
100-55-6230	VEHICLE MAINT/REPAIR	.00	181.56	.00	(181.56)	.0
100-55-6320	OTHER PROFESSIONAL FEES	13,031.11	88,311.01	268,500.00	180,188.99	32.9
100-55-6331	HARDWARE/SOFTWARE SUPPORT	17,836.00	70,834.00	.00	(70,834.00)	.0
100-55-6335	OTHER PURCHASED SERVICES	.00	779.00	.00	(779.00)	.0
100-55-6400	INSURANCE	.00	266.24	.00	(266.24)	.0
100-55-6700	INDIRECT COST RECOVERY	.00	(155,796.71)	864,513.00	1,020,309.71	(18.0)
100-55-6711	ADMIN OVERHEAD-IT SVCS	.00	7,042.05	.00	(7,042.05)	.0
100-55-6890	CAPITAL EXPENDITURES	.00	42,150.04	.00	(42,150.04)	.0
	TOTAL TECHNOLOGY DEPARTMENTS	56,491.96	174,409.54	1,754,669.00	1,580,259.46	9.9

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	CITY ATTORNEY'S OFFICE					
100-56-6000	SALARIES	12,400.68	68,130.80	161,999.00	93,868.20	42.1
100-56-6023	LEAVE CASHOUT	.00	.00	3,161.00	3,161.00	.0
100-56-6031	PAYABLE MEDICARE FICA	178.50	981.35	2,292.00	1,310.65	42.8
100-56-6032	UNEMPLOYMENT	.00	.00	710.00	710.00	.0
100-56-6033	WORKERS' COMPENSATION	.00	46.92	342.00	295.08	13.7
100-56-6034	PERS	2,728.14	14,988.73	35,640.00	20,651.27	42.1
100-56-6040	EMPLOYEE GROUP BENEFITS	2,050.32	10,309.75	20,808.00	10,498.25	49.6
100-56-6060	TRAVEL/TRAINING	.00	(1,178.00)	12,000.00	13,178.00	(9.8)
100-56-6171	STAFF CELLULAR PHONES	.00	149.58	598.00	448.42	25.0
100-56-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
100-56-6321	LEGAL FEES	1,567.50	4,816.40	15,000.00	10,183.60	32.1
100-56-6335	OTHER PURCHASED SERVICES	610.79	2,937.59	30,000.00	27,062.41	9.8
100-56-6400	INSURANCE	.00	950.24	5,871.00	4,920.76	16.2
100-56-6503	DUES & SUBSCRIPTIONS	.00	50.00	1,000.00	950.00	5.0
100-56-6539	MISCELLANEOUS EXPENSES	.00	.00	1,200.00	1,200.00	.0
100-56-6700	INDIRECT COST RECOVERY	.00	(14,239.00)	.00	14,239.00	.0
100-56-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.57	.00	(6,761.57)	.0
	TOTAL CITY ATTORNEY'S OFFICE	19,535.93	94,705.93	328,209.00	233,503.07	28.9

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	FIRE DEPARTMENT					
100-60-6000	SALARIES	53,337.81	285,021.90	719,804.00	434,782.10	39.6
100-60-6010	FLSA OVERTIME	14,488.06	51,680.67	150,000.00	98,319.33	34.5
100-60-6011	CALL BACK OVERTIME	5,452.70	30,106.08	75,000.00	44,893.92	40.1
100-60-6023	LEAVE CASHOUT	.00	6,073.70	42,341.00	36,267.30	14.3
100-60-6030	SOCIAL SECURITY EXPENSE	.00	340.17	1,550.00	1,209.83	22.0
100-60-6031	PAYABLE MEDICARE FICA	1,118.40	5,695.51	14,062.00	8,366.49	40.5
100-60-6032	UNEMPLOYMENT	.00	.00	7,812.00	7,812.00	.0
100-60-6033	WORKERS' COMPENSATION	.00	5,081.20	36,596.00	31,514.80	13.9
100-60-6034	PERS	14,468.78	76,959.41	207,857.00	130,897.59	37.0
100-60-6040	EMPLOYEE GROUP BENEFITS	7,242.15	36,828.95	228,888.00	192,059.05	16.1
100-60-6041	UTILITY BENEFIT	4,332.28	21,209.78	50,160.00	28,950.22	42.3
100-60-6060	TRAVEL/TRAINING	.00	1,926.99	59,800.00	57,873.01	3.2
100-60-6100	SUPPLIES	487.08	6,484.78	27,400.00	20,915.22	23.7
100-60-6103	WEARING APPAREL	.00	2,898.85	20,800.00	17,901.15	13.9
100-60-6150	GASOLINE/DIESEL/OIL	1,238.30	7,993.14	26,000.00	18,006.86	30.7
100-60-6153	HEATING FUEL	5,090.58	6,527.35	40,000.00	33,472.65	16.3
100-60-6155	WATER/SEWER/GARBAGE	.00	3,907.29	22,000.00	18,092.71	17.8
100-60-6160	ELECTRICITY	.00	6,917.85	20,000.00	13,082.15	34.6
100-60-6170	TELEPHONE	244.63	1,349.30	2,932.00	1,582.70	46.0
100-60-6171	STAFF CELLULAR PHONES	.00	685.71	2,992.00	2,306.29	22.9
100-60-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
100-60-6200	MINOR EQUIPMENT	.00	.00	15,000.00	15,000.00	.0
100-60-6230	VEHICLE MAINT/REPAIR	.00	3,419.08	20,375.00	16,955.92	16.8
100-60-6231	VEHICLE PARTS & TOOLS	2,329.17	9,092.51	35,000.00	25,907.49	26.0
100-60-6240	PROPERTY MAINT	.00	945.23	20,000.00	19,054.77	4.7
100-60-6335	OTHER PURCHASED SERVICES	.00	5,313.05	31,000.00	25,686.95	17.1
100-60-6400	INSURANCE	.00	15,276.68	94,386.00	79,109.32	16.2
100-60-6502	ADVERTISING	.00	.00	500.00	500.00	.0
100-60-6503	DUES & SUBSCRIPTIONS	.00	5,891.46	15,200.00	9,308.54	38.8
100-60-6534	COLLECTION/SMALL CLAIMS	.00	610.33	31,200.00	30,589.67	2.0
100-60-6537	FIRE PREVENTION PROGRAM	.00	.00	7,500.00	7,500.00	.0
100-60-6539	MISCELLANEOUS EXPENSES	.00	.00	1,500.00	1,500.00	.0
100-60-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.57	.00	(6,761.57)	.0
100-60-6890	CAPITAL EXPENDITURES	.00	106,200.36	.00	(106,200.36)	.0
100-60-6891	CAPITAL EXP-LADDER TRUCK LEASE	.00	.00	71,218.00	71,218.00	.0
100-60-9649	VOLUNTEER STIPEND	.00	1,073.00	25,000.00	23,927.00	4.3
	TOTAL FIRE DEPARTMENT	109,829.94	712,271.90	2,161,461.00	1,449,189.10	33.0

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	POLICE					
100-61-6000	SALARIES	146,189.00	863,802.19	2,339,186.00	1,475,383.81	36.9
100-61-6002	RELOCATION EXPENSES	4,000.00	.00	10,000.00	10,000.00	.0
100-61-6010	OVERTIME	44,764.48	199,397.83	266,208.00	66,810.17	74.9
100-61-6023	LEAVE CASHOUT	.00	48,499.00	136,858.00	88,359.00	35.4
100-61-6031	PAYABLE MEDICARE FICA	2,826.15	16,401.60	37,778.00	21,376.40	43.4
100-61-6032	UNEMPLOYMENT	.00	67.70	19,815.00	19,747.30	.3
100-61-6033	WORKERS' COMPENSATION	.00	8,678.86	65,223.00	56,544.14	13.3
100-61-6034	PERS	42,009.77	233,044.30	573,186.00	340,141.70	40.7
100-61-6040	EMPLOYEE GROUP BENEFITS	27,126.74	152,781.41	601,351.00	448,569.59	25.4
100-61-6041	UTILITY BENEFIT	5,614.72	29,795.16	131,784.00	101,988.84	22.6
100-61-6060	TRAVEL/TRAINING	2,711.00	36,642.03	80,000.00	43,357.97	45.8
100-61-6100	SUPPLIES	2,538.90	27,383.66	32,000.00	4,616.34	85.6
100-61-6101	DARE PROGRAM SUPPLIES	.00	44.30	.00	(44.30)	.0
100-61-6102	SART EXAMS	.00	52.87	20,000.00	19,947.13	.3
100-61-6103	EMPLOYEE WEARING APPAREL	.00	9,582.48	32,400.00	22,817.52	29.6
100-61-6150	GASOLINE/DIESEL/OIL	5,989.30	27,224.61	60,000.00	32,775.39	45.4
100-61-6153	HEATING FUEL	4,759.94	20,259.64	52,000.00	31,740.36	39.0
100-61-6155	WATER/SEWER/GARBAGE	297.40	5,068.50	16,000.00	10,931.50	31.7
100-61-6160	ELECTRICITY	.00	14,940.08	56,000.00	41,059.92	26.7
100-61-6170	TELEPHONE	2,849.19	13,452.75	17,129.00	3,676.25	78.5
100-61-6171	STAFF CELLULAR PHONES	.00	2,680.35	11,366.00	8,685.65	23.6
100-61-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
100-61-6200	MINOR EQUIPMENT	.00	3,680.25	25,000.00	21,319.75	14.7
100-61-6230	VEHICLE MAINT/REPAIR	.00	1,246.78	23,388.00	22,141.22	5.3
100-61-6231	VEHICLE PARTS & TOOLS	.00	27,424.01	35,000.00	7,575.99	78.4
100-61-6333	JANITORIAL SERVICES	2,625.00	10,500.00	31,500.00	21,000.00	33.3
100-61-6335	OTHER PURCHASED SERVICES	91.80	20,349.46	48,500.00	28,150.54	42.0
100-61-6400	INSURANCE	.00	22,073.72	136,381.00	114,307.28	16.2
100-61-6503	DUES & SUBSCRIPTIONS	.00	90.00	6,000.00	5,910.00	1.5
100-61-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.57	.00	(6,761.57)	.0
100-61-6890	CAP EXP	.00	7,419.56	.00	(7,419.56)	.0
100-61-6891	VEHICLES	.00	154,910.00	.00	(154,910.00)	.0
	TOTAL POLICE	294,393.39	1,964,254.67	4,901,641.00	2,937,386.33	40.1

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	PUBLIC WORKS-ADMIN					
100-65-6000	SALARIES	2,218.42	11,930.72	49,989.00	38,058.28	23.9
100-65-6010	OVERTIME	5.72	29.92	.00	(29.92)	.0
100-65-6023	LEAVE CASHOUT	.00	.00	975.00	975.00	.0
100-65-6031	PAYABLE MEDICARE FICA	32.33	173.83	725.00	551.17	24.0
100-65-6032	UNEMPLOYMENT	.00	.00	890.00	890.00	.0
100-65-6033	WORKERS' COMPENSATION	.00	14.12	108.00	93.88	13.1
100-65-6034	PERS	489.31	2,631.31	10,998.00	8,366.69	23.9
100-65-6040	EMPLOYEE GROUP BENEFITS	684.67	3,598.82	10,404.00	6,805.18	34.6
100-65-6041	UTILITY BENEFIT	29.84	149.20	2,280.00	2,130.80	6.5
100-65-6060	TRAVEL/TRAINING	.00	.00	10,000.00	10,000.00	.0
100-65-6100	SUPPLIES	225.61	837.04	4,000.00	3,162.96	20.9
100-65-6103	WEARING APPAREL	169.44	169.44	.00	(169.44)	.0
100-65-6150	GASOLINE/DIESEL/OIL	252.03	1,369.72	2,000.00	630.28	68.5
100-65-6153	HEATING FUEL	15,981.10	32,232.51	9,000.00	(23,232.51)	358.1
100-65-6155	WATER/SEWER/GARBAGE	.00	.00	500.00	500.00	.0
100-65-6160	ELECTRICITY	.00	12,352.21	1,725.00	(10,627.21)	716.1
100-65-6170	TELEPHONE	3.34	16.70	1,617.00	1,600.30	1.0
100-65-6171	STAFF CELLULAR PHONES	.00	177.57	598.00	420.43	29.7
100-65-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
100-65-6200	MINOR EQUIPMENT	.00	484.57	.00	(484.57)	.0
100-65-6230	VEHICLE MAINT/REPAIR	.00	260.26	4,882.00	4,621.74	5.3
100-65-6231	VEHICLE PARTS & TOOLS	.00	175.87	3,000.00	2,824.13	5.9
100-65-6335	OTHER PURCHASED SERVICES	.00	11.90	15,000.00	14,988.10	.1
100-65-6400	INSURANCE	.00	405.76	2,551.00	2,145.24	15.9
100-65-6503	DUES & SUBSCRIPTIONS	.00	.00	500.00	500.00	.0
100-65-6539	MISCELLANEOUS EXPENSES	.00	.00	3,000.00	3,000.00	.0
100-65-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.57	.00	(6,761.57)	.0
	TOTAL PUBLIC WORKS-ADMIN	20,091.81	73,783.04	172,330.00	98,546.96	42.8

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	PW-STREETS & ROADS					
100-66-6000	SALARIES	34,026.55	188,654.71	520,950.00	332,295.29	36.2
100-66-6010	OVERTIME	1,280.32	3,482.75	35,000.00	31,517.25	10.0
100-66-6023	LEAVE CASHOUT	.00	.00	13,403.00	13,403.00	.0
100-66-6030	SOCIAL SECURITY EXPENSE	260.40	1,630.76	3,906.00	2,275.24	41.8
100-66-6031	PAYABLE MEDICARE FICA	525.64	2,852.20	8,061.00	5,208.80	35.4
100-66-6032	UNEMPLOYMENT	.00	.00	4,850.00	4,850.00	.0
100-66-6033	WORKERS' COMPENSATION	.00	2,424.18	17,368.00	14,943.82	14.0
100-66-6034	PERS	6,843.52	36,209.01	108,449.00	72,239.99	33.4
100-66-6040	EMPLOYEE GROUP BENEFITS	7,457.07	39,696.34	109,242.00	69,545.66	36.3
100-66-6041	UTILITY BENEFIT	1,445.82	7,959.50	23,940.00	15,980.50	33.3
100-66-6060	TRAVEL/TRAINING	521.00	521.00	.00	(521.00)	.0
100-66-6100	SUPPLIES	.00	861.73	4,500.00	3,638.27	19.2
100-66-6103	WEARING APPAREL	.00	.00	5,000.00	5,000.00	.0
100-66-6111	SIGNS	.00	1,187.50	6,000.00	4,812.50	19.8
100-66-6131	STREET MAINT GRAVEL	.00	434,350.64	200,000.00	(234,350.64)	217.2
100-66-6132	SALT	.00	.00	30,000.00	30,000.00	.0
100-66-6150	GASOLINE/DIESEL/OIL	841.78	16,895.40	100,000.00	83,104.60	16.9
100-66-6153	HEATING FUEL	2,255.65	10,121.67	62,500.00	52,378.33	16.2
100-66-6155	WATER/SEWER/GARBAGE	.00	1,064.54	6,750.00	5,685.46	15.8
100-66-6160	ELECTRICITY	.00	2,904.38	18,000.00	15,095.62	16.1
100-66-6161	ELECTRICITY (STREET LTS)	.00	20,505.72	68,816.00	48,310.28	29.8
100-66-6170	TELEPHONE	1.67	8.35	.00	(8.35)	.0
100-66-6171	STAFF CELLULAR PHONES	.00	149.58	598.00	448.42	25.0
100-66-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
100-66-6200	MINOR EQUIPMENT	.00	9,109.73	10,000.00	890.27	91.1
100-66-6230	VEHICLE MAINT/REPAIR	.00	9,078.60	173,745.00	164,666.40	5.2
100-66-6231	VEHICLE PARTS & TOOLS	7,555.35	23,349.06	95,000.00	71,650.94	24.6
100-66-6250	STREET LIGHT MT & POLE RENTAL	.00	.00	20,000.00	20,000.00	.0
100-66-6335	OTHER PURCHASED SERVICES	.00	.00	10,000.00	10,000.00	.0
100-66-6400	INSURANCE	.00	11,099.24	68,574.00	57,474.76	16.2
100-66-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.57	.00	(6,761.57)	.0
100-66-6892	CAPTIAL EQUIPMENT	.00	335,665.25	185,357.00	(150,308.25)	181.1
100-66-6897	FY25 DUST CONTROL	.00	12,033.15	.00	(12,033.15)	.0
100-66-9771	PTARMIGAN ST. CULVERT CROSSING	1,437.51	1,190,163.58	.00	(1,190,163.58)	.0
	TOTAL PW-STREETS & ROADS	64,452.28	2,368,740.14	1,947,597.00	(421,143.14)	121.6

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	PROPERTY MAINTENANCE					
100-70-6000	SALARIES	17,798.55	113,428.55	366,415.00	252,986.45	31.0
100-70-6010	OVERTIME	3,928.86	17,327.37	50,000.00	32,672.63	34.7
100-70-6023	LEAVE CASHOUT	.00	5,253.60	7,164.00	1,910.40	73.3
100-70-6030	SOCIAL SECURITY EXPENSE	.00	697.64	1,786.00	1,088.36	39.1
100-70-6031	PAYABLE MEDICARE FICA	329.36	2,056.25	6,038.00	3,981.75	34.1
100-70-6032	UNEMPLOYMENT	.00	.00	4,064.00	4,064.00	.0
100-70-6033	WORKERS' COMPENSATION	.00	1,455.78	10,883.00	9,427.22	13.4
100-70-6034	PERS	4,780.02	26,290.80	85,275.00	58,984.20	30.8
100-70-6040	EMPLOYEE GROUP BENEFITS	4,358.78	19,282.39	104,040.00	84,757.61	18.5
100-70-6041	UTILITY BENEFIT	1,287.05	8,300.33	22,800.00	14,499.67	36.4
100-70-6060	TRAVEL/TRAINING	.00	.00	8,000.00	8,000.00	.0
100-70-6100	SUPPLIES	209.43	9,856.26	29,000.00	19,143.74	34.0
100-70-6103	WEARING APPAREL	.00	1,411.85	5,000.00	3,588.15	28.2
100-70-6107	ELECTRICAL SUPPLIES	.00	195.82	.00	(195.82)	.0
100-70-6108	PLUMBING SUPPLIES	.00	393.15	.00	(393.15)	.0
100-70-6110	MATERIALS	.00	5.19	.00	(5.19)	.0
100-70-6142	GLYCOL SUPPLIES	.00	.00	10,000.00	10,000.00	.0
100-70-6150	GASOLINE/DIESEL/OIL	620.11	5,175.46	30,000.00	24,824.54	17.3
100-70-6153	HEATING FUEL	3,512.03	11,486.95	25,000.00	13,513.05	46.0
100-70-6155	WATER/SEWER/GARBAGE	.00	.00	8,000.00	8,000.00	.0
100-70-6160	ELECTRICITY	.00	6,496.53	13,340.00	6,843.47	48.7
100-70-6170	TELEPHONE	1.67	8.35	.00	(8.35)	.0
100-70-6171	STAFF CELLULAR PHONES	.00	285.51	1,197.00	911.49	23.9
100-70-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
100-70-6200	MINOR EQUIPMENT	594.31	2,595.41	8,000.00	5,404.59	32.4
100-70-6201	BOILER EXPENSE	1,665.30	25,249.92	25,000.00	(249.92)	101.0
100-70-6230	VEHICLE MAINT/REPAIR	.00	375.26	7,039.00	6,663.74	5.3
100-70-6231	VEHICLE PARTS & TOOLS	1,721.40	1,960.28	5,000.00	3,039.72	39.2
100-70-6240	WIND TURBINE CONTRACT	.00	261.54	14,400.00	14,138.46	1.8
100-70-6241	PARKS MAINTENANCE	.00	1,395.72	55,000.00	53,604.28	2.5
100-70-6242	BOARDWALK LIGHTING PROJECT	.00	95,340.57	.00	(95,340.57)	.0
100-70-6335	OTHER PURCHASED SERVICES	1,173.34	234,906.96	356,000.00	121,093.04	66.0
100-70-6400	INSURANCE	.00	3,042.36	18,795.00	15,752.64	16.2
100-70-6510	4TH OF JULY	.00	203.06	1,000.00	796.94	20.3
100-70-6539	MISCELLANEOUS EXPENSES	.00	130.48	5,000.00	4,869.52	2.6
100-70-6700	INDIRECT COST RECOVERY	.00	(69,769.33)	(438,167.00)	(368,397.67)	(15.9)
100-70-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.57	.00	(6,761.57)	.0
100-70-6890	CAPITAL EXPENDITURES	.00	.00	177,450.00	177,450.00	.0
100-70-9596	FIRE SUPRESSION & INSPECTION	.00	7,638.75	.00	(7,638.75)	.0
	TOTAL PROPERTY MAINTENANCE	41,980.21	539,500.33	1,060,107.00	520,606.67	50.9

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

GENERAL FUND

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	PARKS & RECREATION					
100-71-6000	SALARIES	27,510.85	134,985.23	470,387.00	335,401.77	28.7
100-71-6010	OVERTIME	63.61	436.00	2,000.00	1,564.00	21.8
100-71-6023	LEAVE CASHOUT	.00	.00	11,808.00	11,808.00	.0
100-71-6030	SOCIAL SECURITY EXPENSE	583.19	3,052.27	7,316.00	4,263.73	41.7
100-71-6031	PAYABLE MEDICARE FICA	400.68	1,971.92	6,850.00	4,878.08	28.8
100-71-6032	UNEMPLOYMENT	.00	.00	5,082.00	5,082.00	.0
100-71-6033	WORKERS' COMPENSATION	.00	1,632.64	12,203.00	10,570.36	13.4
100-71-6034	PERS	3,996.96	18,961.88	86,660.00	67,698.12	21.9
100-71-6040	EMPLOYEE GROUP BENEFITS	2,122.24	6,424.87	62,424.00	55,999.13	10.3
100-71-6041	UTILITY BENEFIT	198.95	994.75	18,240.00	17,245.25	5.5
100-71-6060	TRAVEL/TRAINING	.00	1,058.00	14,000.00	12,942.00	7.6
100-71-6100	SUPPLIES	.00	8,198.65	121,000.00	112,801.35	6.8
100-71-6101	BYC-SUPPLIES SUMMER FOOD PROG	.00	7.64	.00	(7.64)	.0
100-71-6102	ARBOR DAY GRANT SUPPLIES	.00	26.00	.00	(26.00)	.0
100-71-6103	WEARING APPAREL	.00	63.47	.00	(63.47)	.0
100-71-6110	COMMUNITY FAIR SUPPORT EXP	.00	954.56	16,100.00	15,145.44	5.9
100-71-6150	GASOLINE/DIESEL/OIL	.00	98.31	2,000.00	1,901.69	4.9
100-71-6153	HEATING FUEL	19,470.37	65,667.35	210,000.00	144,332.65	31.3
100-71-6155	WATER/SEWER/GARBAGE	.00	9,277.65	80,000.00	70,722.35	11.6
100-71-6160	ELECTRICITY	.00	.00	115,000.00	115,000.00	.0
100-71-6171	CELL PHONE	.00	149.58	1,197.00	1,047.42	12.5
100-71-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
100-71-6200	MINOR EQUIPMENT	.00	.00	6,000.00	6,000.00	.0
100-71-6230	VEHICLE MAINT/REPAIR	.00	.00	1,132.00	1,132.00	.0
100-71-6335	OTHER PURCHASED SERVICES	6,624.76	35,837.02	62,000.00	26,162.98	57.8
100-71-6400	INSURANCE	.00	13,870.18	85,694.00	71,823.82	16.2
100-71-6430	ALLOWANCE FOR SPECIAL EVENTS	.00	.00	2,000.00	2,000.00	.0
100-71-6502	ADVERTISING	.00	.00	2,000.00	2,000.00	.0
100-71-6503	DUES & SUBSCRIPTIONS	.00	27.99	1,000.00	972.01	2.8
100-71-6711	ADMIN OH IT SERVICES	.00	6,761.58	.00	(6,761.58)	.0
	TOTAL PARKS & RECREATION	60,971.61	310,457.54	1,439,681.00	1,129,223.46	21.6
	COMMUNITY SERVICE					
100-72-6155	SENIOR CTR - W/S/G ONC	.00	6,069.58	118,300.00	112,230.42	5.1
100-72-6171	BETHEL FRIENDS OF CANINES	.00	115,000.00	115,000.00	.00	100.0
100-72-6430	COMMUNITY ACTION GRANT	.00	3,500.00	76,091.00	72,591.00	4.6
100-72-6508	KUSKO 300 RACE DONATION	.00	.00	5,000.00	5,000.00	.0
100-72-6509	LIBRARY CONTRIBUTION	.00	83,100.00	129,400.00	46,300.00	64.2
	TOTAL COMMUNITY SERVICE	.00	207,669.58	443,791.00	236,121.42	46.8
	IN KIND MATCH & TRANFERS					
100-73-6643	CASH XFER- FUND	.00	.00	257,459.00	257,459.00	.0
100-73-6647	CASH XFER-FLEET REPLACE FUND	.00	.00	48,148.00	48,148.00	.0
	TOTAL IN KIND MATCH & TRANFERS	.00	.00	305,607.00	305,607.00	.0

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

GENERAL FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
TOTAL FUND EXPENDITURES	821,535.04	7,183,513.98	17,830,892.00	10,647,378.02	40.3
NET REVENUE OVER EXPENDITURES	122,788.96	(3,257,517.73)	(1,788,990.00)	1,468,527.73	(182.1)

CITY OF BETHEL
REVENUES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

COMMUNITY SERVICE PATROL GRANT

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
270-42-4200	GRANT REVENUE	.00	(20,065.74)	.00	20,065.74	.0
	TOTAL SOURCE 42	.00	(20,065.74)	.00	20,065.74	.0
	TOTAL FUND REVENUE	.00	(20,065.74)	.00	20,065.74	.0

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

COMMUNITY SERVICE PATROL GRANT

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	CSP PROGRAM					
270-50-6000	SALARIES	9,650.37	52,230.14	123,121.00	70,890.86	42.4
270-50-6010	OVERTIME	568.20	2,734.50	5,000.00	2,265.50	54.7
270-50-6023	LEAVE CASHOUT	.00	2,826.71	5,713.00	2,886.29	49.5
270-50-6031	PAYABLE MEDICARE FICA	155.30	857.10	1,858.00	1,000.90	46.1
270-50-6032	UNEMPLOYMENT	.00	.00	1,421.00	1,421.00	.0
270-50-6033	WORKERS' COMPENSATION	.00	652.98	3,060.00	2,407.02	21.3
270-50-6034	PERS	2,248.09	12,092.22	28,187.00	16,094.78	42.9
270-50-6040	EMPLOYEE GROUP BENEFITS	1,994.73	10,299.12	41,616.00	31,316.88	24.8
270-50-6041	UTILITY BENEFIT	632.13	2,019.45	9,120.00	7,100.55	22.1
270-50-6100	SUPPLIES	.00	.00	4,000.00	4,000.00	.0
270-50-6103	WEARING APPAREL	.00	.00	1,800.00	1,800.00	.0
270-50-6150	GASOLINE/DIESEL/OIL	982.53	4,501.14	16,000.00	11,498.86	28.1
270-50-6153	HEATING FUEL	.00	.00	100.00	100.00	.0
270-50-6171	STAFF CELLULAR PHONES	.00	448.74	800.00	351.26	56.1
270-50-6400	INSURANCE	.00	1,306.48	8,070.00	6,763.52	16.2
	TOTAL CSP PROGRAM	16,231.35	89,968.58	249,866.00	159,897.42	36.0
	TOTAL FUND EXPENDITURES	16,231.35	89,968.58	249,866.00	159,897.42	36.0
	NET REVENUE OVER EXPENDITURES	(16,231.35)	(110,034.32)	(249,866.00)	(139,831.68)	(44.0)

CITY OF BETHEL
REVENUES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

YK REG AQUA HLTH & SAFETY CTR

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
	MISCELLANEOUS					
400-49-4590	INVESTMENT INCOME	.00	10,860.38	.00	(10,860.38)	.0
	TOTAL MISCELLANEOUS	.00	10,860.38	.00	(10,860.38)	.0
	TOTAL FUND REVENUE	.00	10,860.38	.00	(10,860.38)	.0

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

YK REG AQUA HLTH & SAFETY CTR

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	LOCAL FUNDED EXPENDITURES					
400-50-6150	GASOLINE/DIESEL/OIL	.00	212.10	.00	(212.10)	.0
400-50-6153	HEATING FUEL	.00	11,862.96	.00	(11,862.96)	.0
400-50-6160	ELECTRICITY	.00	32,231.36	.00	(32,231.36)	.0
400-50-6170	TELEPHONE	126.54	631.46	.00	(631.46)	.0
400-50-6320	OTHER PROFESSIONAL FEES	.00	30,061.75	.00	(30,061.75)	.0
400-50-6326	CONTRACTOR FEES	.00	29,300.49	.00	(29,300.49)	.0
400-50-6335	OTHER PURCHASED SERVICES	.00	24,500.00	.00	(24,500.00)	.0
	TOTAL LOCAL FUNDED EXPENDITURES	126.54	128,800.12	.00	(128,800.12)	.0
	TOTAL FUND EXPENDITURES	126.54	128,800.12	.00	(128,800.12)	.0
	NET REVENUE OVER EXPENDITURES	(126.54)	(117,939.74)	.00	117,939.74	.0

CITY OF BETHEL
REVENUES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

E-911 SYSTEM/SURCHARGE

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
	E-911 SURCHARGE					
410-42-4428	SURCHARGE FROM UNITED UTL	20,444.75	69,200.50	148,000.00	78,799.50	46.8
	TOTAL E-911 SURCHARGE	20,444.75	69,200.50	148,000.00	78,799.50	46.8
	TOTAL FUND REVENUE	20,444.75	69,200.50	148,000.00	78,799.50	46.8

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

E-911 SYSTEM/SURCHARGE

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	E-911 SERVICES					
410-50-6000	SALARIES	.00	13,229.07	69,445.00	56,215.93	19.1
410-50-6010	OVERTIME	.00	591.20	.00	(591.20)	.0
410-50-6023	LEAVE CASHOUT	.00	810.12	3,388.00	2,577.88	23.9
410-50-6030	SOCIAL SECURITY EXPENSE	.00	669.95	.00	(669.95)	.0
410-50-6031	PAYABLE MEDICARE FICA	.00	214.48	1,007.00	792.52	21.3
410-50-6032	UNEMPLOYMENT	.00	.00	971.00	971.00	.0
410-50-6033	WORKERS' COMPENSATION	.00	20.12	1,708.00	1,687.88	1.2
410-50-6034	PERS	.00	663.15	15,278.00	14,614.85	4.3
410-50-6040	EMPLOYEE GROUP BENEFITS	.00	757.23	22,889.00	22,131.77	3.3
410-50-6041	UTILITY BENEFIT	.00	173.20	5,016.00	4,842.80	3.5
410-50-6400	INSURANCE	.00	407.38	2,516.00	2,108.62	16.2
410-50-6410	RENTS & LEASES	.00	.00	13,000.00	13,000.00	.0
	TOTAL E-911 SERVICES	.00	17,535.90	135,218.00	117,682.10	13.0
	TOTAL FUND EXPENDITURES	.00	17,535.90	135,218.00	117,682.10	13.0
	NET REVENUE OVER EXPENDITURES	20,444.75	51,664.60	12,782.00	(38,882.60)	404.2

CITY OF BETHEL
REVENUES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

SOLID WASTE SERVICES

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
	SOLID WASTE & RECYLING					
500-44-4396	COMMERCIAL GARBAGE PICKUP	93,730.80	448,339.82	862,756.00	414,416.18	52.0
500-44-4397	LANDFILL DUMP FEE	10,264.00	125,212.00	315,888.00	190,676.00	39.6
500-44-4398	RESIDENTIAL GARBAGE PICKUP	24,413.50	120,702.86	292,594.00	171,891.14	41.3
	TOTAL SOLID WASTE & RECYLING	128,408.30	694,254.68	1,471,238.00	776,983.32	47.2
	MISCELLANEOUS					
500-45-4391	SERVICE FEE	.00	900.00	.00	(900.00)	.0
	TOTAL MISCELLANEOUS	.00	900.00	.00	(900.00)	.0
	TOTAL FUND REVENUE	128,408.30	695,154.68	1,471,238.00	776,083.32	47.3

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

SOLID WASTE SERVICES

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	HAULED REFUSE					
500-70-6000	SALARIES	9,694.60	60,162.87	149,518.00	89,355.13	40.2
500-70-6010	OVERTIME	624.74	1,800.61	10,250.00	8,449.39	17.6
500-70-6023	LEAVE CASHOUT	.00	.00	5,886.00	5,886.00	.0
500-70-6030	SOCIAL SECURITY EXPENSE	40.35	655.27	1,790.00	1,134.73	36.6
500-70-6031	PAYABLE MEDICARE FICA	151.53	907.98	2,317.00	1,409.02	39.2
500-70-6032	UNEMPLOYMENT	.00	.00	1,632.00	1,632.00	.0
500-70-6033	WORKERS' COMPENSATION	.00	971.04	7,709.00	6,737.96	12.6
500-70-6034	PERS	2,127.08	11,306.79	28,799.00	17,492.21	39.3
500-70-6040	EMPLOYEE GROUP BENEFITS	1,289.34	6,662.95	22,889.00	16,226.05	29.1
500-70-6041	UTILITY BENEFIT	208.90	1,044.50	5,016.00	3,971.50	20.8
500-70-6100	SUPPLIES	.00	.00	1,000.00	1,000.00	.0
500-70-6103	WEARING APPAREL	289.98	289.98	1,000.00	710.02	29.0
500-70-6121	4 YD DUMPSTERS	.00	50,559.84	60,000.00	9,440.16	84.3
500-70-6150	GASOLINE/DIESEL/OIL	.00	2,060.95	40,000.00	37,939.05	5.2
500-70-6230	VEHICLE MAINT/REPAIR	.00	4,357.71	80,578.00	76,220.29	5.4
500-70-6231	VEHICLE PARTS & TOOLS	.00	17,651.89	20,000.00	2,348.11	88.3
500-70-6232	TIRES & WHEELS	.00	.00	8,000.00	8,000.00	.0
500-70-6335	OTHER PURCHASED SERVICES	.00	145.86	1,000.00	854.14	14.6
500-70-6400	INSURANCE	.00	2,179.20	13,464.00	11,284.80	16.2
500-70-6710	ADMIN OVERHEAD-GF	.00	8,784.30	91,937.00	83,152.70	9.6
500-70-9694	SINGLE AXLE REAR LOADER	.00	.00	185,424.00	185,424.00	.0
	TOTAL HAULED REFUSE	14,426.52	169,541.74	738,209.00	568,667.26	23.0

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

SOLID WASTE SERVICES

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	LANDFILL OPERATIONS					
500-71-6000	SALARIES	9,902.78	54,757.13	159,202.00	104,444.87	34.4
500-71-6010	OVERTIME	1,154.91	6,427.84	35,000.00	28,572.16	18.4
500-71-6023	LEAVE CASHOUT	.00	.00	7,766.00	7,766.00	.0
500-71-6031	PAYABLE MEDICARE FICA	173.14	951.25	2,816.00	1,864.75	33.8
500-71-6032	UNEMPLOYMENT	.00	.00	2,782.00	2,782.00	.0
500-71-6033	WORKERS' COMPENSATION	.00	1,488.00	5,316.00	3,828.00	28.0
500-71-6034	PERS	2,432.68	13,460.66	42,724.00	29,263.34	31.5
500-71-6040	EMPLOYEE GROUP BENEFITS	1,289.34	6,687.45	54,101.00	47,413.55	12.4
500-71-6041	UTILITY BENEFIT	961.93	5,454.65	11,856.00	6,401.35	46.0
500-71-6060	TRAVEL/TRAINING	.00	.00	5,000.00	5,000.00	.0
500-71-6100	SUPPLIES	.00	2,315.88	33,000.00	30,684.12	7.0
500-71-6103	WEARING APPAREL	.00	146.85	3,000.00	2,853.15	4.9
500-71-6150	GASOLINE/DIESEL/OIL	253.86	5,348.06	15,000.00	9,651.94	35.7
500-71-6153	HEATING FUEL	1,474.85	5,141.71	18,000.00	12,858.29	28.6
500-71-6160	ELECTRICITY	.00	870.32	5,700.00	4,829.68	15.3
500-71-6171	STAFF CELLULAR PHONES	.00	149.58	598.00	448.42	25.0
500-71-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
500-71-6200	MINOR EQUIPMENT	.00	.00	7,500.00	7,500.00	.0
500-71-6230	VEHICLE MAINT/REPAIR	.00	4,841.95	90,828.00	85,986.05	5.3
500-71-6231	VEHICLE PARTS & TOOLS	2,520.17	13,560.76	20,000.00	6,439.24	67.8
500-71-6240	PROPERTY MAINT	.00	4,868.05	30,625.00	25,756.95	15.9
500-71-6335	OTHER PURCHASED SERVICES	.00	.00	54,000.00	54,000.00	.0
500-71-6400	INSURANCE	.00	2,672.84	16,513.00	13,840.16	16.2
500-71-6503	DUES & SUBSCRIPTIONS	.00	.00	10,000.00	10,000.00	.0
500-71-6539	MISCELLANEOUS EXPENSES	.00	152.44	4,000.00	3,847.56	3.8
500-71-6599	LANDFILL CLOSURE COSTS	.00	.00	82,302.00	82,302.00	.0
500-71-6710	ADMIN OVERHEAD-GF	.00	8,784.30	91,937.00	83,152.70	9.6
500-71-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.58	.00	(6,761.58)	.0
	TOTAL LANDFILL OPERATIONS	20,163.66	144,841.30	847,154.00	702,312.70	17.1
	TOTAL FUND EXPENDITURES	34,590.18	314,383.04	1,585,363.00	1,270,979.96	19.8
	NET REVENUE OVER EXPENDITURES	93,818.12	380,771.64	(114,125.00)	(494,896.64)	333.6

CITY OF BETHEL
REVENUES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

WATER & SEWER SERVICES

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
	WATER					
510-42-4384	CONTRACT WATER	1,308.00	5,496.00	20,320.00	14,824.00	27.1
510-42-4386	METERED PIPED WATER COMM.	116,674.63	586,192.18	1,076,224.00	490,031.82	54.5
510-42-4387	UNMETERED PIPED WTR RESID	88,250.84	445,107.59	1,030,876.00	585,768.41	43.2
510-42-4389	PUMPHOUSE WATER	.00	9,200.25	36,124.00	26,923.75	25.5
510-42-4390	TRUCKED WATER	272,491.81	1,335,549.29	3,106,054.00	1,770,504.71	43.0
	TOTAL WATER	478,725.28	2,381,545.31	5,269,598.00	2,888,052.69	45.2
	SEWER					
510-43-4384	CONTRACT SEWER	147.42	9,741.66	62,560.00	52,818.34	15.6
510-43-4386	METERED PIPED SEWER COMM.	64,386.54	307,617.92	631,062.00	323,444.08	48.8
510-43-4387	UNMETERED PIPED SEWER RES	27,153.80	137,198.85	312,918.00	175,719.15	43.8
510-43-4390	TRUCKED SEWER (EVAC/HB)	212,997.85	1,035,077.50	2,448,916.00	1,413,838.50	42.3
	TOTAL SEWER	304,685.61	1,489,635.93	3,455,456.00	1,965,820.07	43.1
	MISCELLANEOUS					
510-45-4392	WATER SUBSCRIPTION FEES	18,890.48	94,156.67	223,825.00	129,668.33	42.1
510-45-4393	SEWER SUBSCRIPTION FEES	20,328.28	101,479.34	239,450.00	137,970.66	42.4
510-45-4394	RECONNECT FEES	.00	.00	3,090.00	3,090.00	.0
510-45-4429	SENIOR DISCOUNT	(5,465.00)	(27,418.60)	53,560.00	80,978.60	(51.2)
510-45-4430	NSF CHECKS AND FEES	60.00	390.00	60.00	(330.00)	650.0
510-45-4523	UTILITY PENALTY/INTEREST	4,730.84	21,822.12	72,145.00	50,322.88	30.3
510-45-4590	INVESTMENT INCOME	.00	9,342.41	125,166.00	115,823.59	7.5
	TOTAL MISCELLANEOUS	38,544.60	199,771.94	717,296.00	517,524.06	27.9
	MISCELLANEOUS					
510-49-4439	MISCELLANEOUS INCOME	1,548.34	35,532.82	97,664.00	62,131.18	36.4
510-49-6532	CASH OVER/SHORT	.00	5.00	515.00	510.00	1.0
	TOTAL MISCELLANEOUS	1,548.34	35,537.82	98,179.00	62,641.18	36.2
	TOTAL FUND REVENUE	823,503.83	4,106,491.00	9,540,529.00	5,434,038.00	43.0

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

WATER & SEWER SERVICES

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	UTILITY BILLING					
510-80-6000	SALARIES	2,953.63	8,469.24	98,210.00	89,740.76	8.6
510-80-6010	OVERTIME	50.23	77.60	3,000.00	2,922.40	2.6
510-80-6023	LEAVE CASHOUT	.00	.00	4,791.00	4,791.00	.0
510-80-6031	PAYABLE MEDICARE FICA	43.56	124.64	1,468.00	1,343.36	8.5
510-80-6032	UNEMPLOYMENT	.00	.00	1,807.00	1,807.00	.0
510-80-6033	WORKERS' COMPENSATION	.00	29.32	219.00	189.68	13.4
510-80-6034	PERS	660.84	1,880.30	22,266.00	20,385.70	8.4
510-80-6040	EMPLOYEE GROUP BENEFITS	.00	3,353.22	36,414.00	33,060.78	9.2
510-80-6041	UTILITY BENEFIT	.00	644.76	7,980.00	7,335.24	8.1
510-80-6060	TRAVEL/TRAINING	.00	.00	4,500.00	4,500.00	.0
510-80-6100	SUPPLIES	.00	699.96	3,500.00	2,800.04	20.0
510-80-6170	TELEPHONE	.00	.00	80.00	80.00	.0
510-80-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
510-80-6200	MINOR EQUIPMENT	.00	.00	4,000.00	4,000.00	.0
510-80-6335	OUTSOURCED SERVICES	9,343.71	33,540.12	60,000.00	26,459.88	55.9
510-80-6400	INSURANCE	.00	593.68	3,667.00	3,073.32	16.2
510-80-6506	POSTAGE	.00	23.85	18,000.00	17,976.15	.1
510-80-6531	BANK CHARGES	.00	5,962.32	40,000.00	34,037.68	14.9
510-80-6539	MISCELLANEOUS EXPENSES	.00	.00	500.00	500.00	.0
510-80-6710	ADMIN OVERHEAD-GF	.00	5,270.78	102,767.00	97,496.22	5.1
510-80-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.58	.00	(6,761.58)	.0
	TOTAL UTILITY BILLING	13,051.97	67,431.37	450,757.00	383,325.63	15.0

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

WATER & SEWER SERVICES

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	HAULED WATER					
510-81-6000	SALARIES	40,102.74	225,611.30	568,388.00	342,776.70	39.7
510-81-6010	OVERTIME	16,277.69	86,666.04	225,000.00	138,333.96	38.5
510-81-6023	LEAVE CASHOUT	.00	.00	27,726.00	27,726.00	.0
510-81-6030	SOCIAL SECURITY EXPENSE	2,223.51	12,291.35	.00	(12,291.35)	.0
510-81-6031	PAYABLE MEDICARE FICA	819.79	4,539.40	11,504.00	6,964.60	39.5
510-81-6032	UNEMPLOYMENT	.00	.00	11,453.00	11,453.00	.0
510-81-6033	WORKERS' COMPENSATION	.00	1,813.90	.00	(1,813.90)	.0
510-81-6034	PERS	4,513.94	25,087.38	174,545.00	149,457.62	14.4
510-81-6040	EMPLOYEE GROUP BENEFITS	3,759.78	16,919.79	190,913.00	173,993.21	8.9
510-81-6041	UTILITY BENEFIT	399.12	2,201.42	41,838.00	39,636.58	5.3
510-81-6100	SUPPLIES	88.80	6,957.83	15,000.00	8,042.17	46.4
510-81-6103	WEARING APPAREL	.00	3,113.71	15,000.00	11,886.29	20.8
510-81-6150	GASOLINE/DIESEL/OIL	372.49	18,543.59	150,000.00	131,456.41	12.4
510-81-6153	HEATING FUEL	.00	3,270.37	22,500.00	19,229.63	14.5
510-81-6155	WATER/SEWER/GARBAGE	.00	1,064.54	6,750.00	5,685.46	15.8
510-81-6160	ELECTRICITY	.00	2,904.38	18,000.00	15,095.62	16.1
510-81-6170	TELEPHONE	3.34	16.70	.00	(16.70)	.0
510-81-6171	STAFF CELLULAR PHONES	.00	299.16	598.00	298.84	50.0
510-81-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
510-81-6200	MINOR EQUIPMENT	.00	.00	5,000.00	5,000.00	.0
510-81-6230	VEHICLE MAINT/REPAIR	.00	26,622.60	340,266.00	313,643.40	7.8
510-81-6231	VEHICLE PARTS & TOOLS	1,336.20	44,363.91	125,000.00	80,636.09	35.5
510-81-6240	PROPERTY MAINT	.00	8,112.40	51,041.00	42,928.60	15.9
510-81-6332	LAB TESTS	.00	.00	3,000.00	3,000.00	.0
510-81-6335	OTHER PURCHASED SERVICES	.00	1,985.35	3,000.00	1,014.65	66.2
510-81-6400	INSURANCE	.00	11,786.64	72,820.00	61,033.36	16.2
510-81-6539	MISCELLANEOUS EXPENSES	.00	.00	2,000.00	2,000.00	.0
510-81-6710	ADMIN OVERHEAD-GF	.00	36,895.45	102,767.00	65,871.55	35.9
510-81-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.58	.00	(6,761.58)	.0
510-81-6890	CAP EXP	.00	22,213.06	620,000.00	597,786.94	3.6
	TOTAL HAULED WATER	69,897.40	570,041.85	2,841,697.00	2,271,655.15	20.1

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

WATER & SEWER SERVICES

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	PIPED WATER					
510-82-6000	SALARIES	9,977.69	45,659.81	177,831.00	132,171.19	25.7
510-82-6010	OVERTIME	2,459.97	10,583.97	35,000.00	24,416.03	30.2
510-82-6023	LEAVE CASHOUT	.00	.00	8,693.00	8,693.00	.0
510-82-6030	SOCIAL SECURITY EXPENSE	57.20	454.39	942.00	487.61	48.2
510-82-6031	PAYABLE MEDICARE FICA	179.91	830.16	3,086.00	2,255.84	26.9
510-82-6032	UNEMPLOYMENT	.00	130.02	3,788.00	3,657.98	3.4
510-82-6033	WORKERS' COMPENSATION	.00	426.92	4,180.00	3,753.08	10.2
510-82-6034	PERS	2,533.34	10,761.36	43,479.00	32,717.64	24.8
510-82-6040	EMPLOYEE GROUP BENEFITS	987.01	10,480.29	52,020.00	41,539.71	20.2
510-82-6041	UTILITY BENEFIT	19.89	1,517.32	11,400.00	9,882.68	13.3
510-82-6060	TRAVEL/TRAINING	.00	.00	8,000.00	8,000.00	.0
510-82-6100	SUPPLIES	.00	6,603.23	5,000.00	(1,603.23)	132.1
510-82-6103	WEARING APPAREL	1,335.78	1,335.78	5,000.00	3,664.22	26.7
510-82-6108	PLUMBING SUPPLIES	.00	6,902.18	15,000.00	8,097.82	46.0
510-82-6150	GASOLINE/DIESEL/OIL	651.85	3,897.72	15,000.00	11,102.28	26.0
510-82-6153	HEATING FUEL	6,802.51	11,584.72	48,400.00	36,815.28	23.9
510-82-6155	WATER/SEWER/GARBAGE	.00	554.22	2,200.00	1,645.78	25.2
510-82-6160	ELECTRICITY-UTIL MT SHOP	.00	1,805.76	8,200.00	6,394.24	22.0
510-82-6170	TELEPHONE	1.67	8.35	.00	(8.35)	.0
510-82-6171	STAFF CELLULAR PHONES	.00	757.92	1,197.00	439.08	63.3
510-82-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
510-82-6200	MINOR EQUIPMENT	.00	1,415.64	.00	(1,415.64)	.0
510-82-6230	VEHICLE MAINT/REPAIR	.00	175.50	3,293.00	3,117.50	5.3
510-82-6231	VEHICLE PARTS & TOOLS	.00	1,202.79	1,500.00	297.21	80.2
510-82-6232	TIRES & WHEELS	.00	.00	500.00	500.00	.0
510-82-6332	LAB TESTS	.00	.00	500.00	500.00	.0
510-82-6335	OTHER PURCHASED SERVICES	.00	145.86	1,500.00	1,354.14	9.7
510-82-6400	INSURANCE	.00	1,471.90	9,093.00	7,621.10	16.2
510-82-6401	INSURANCE-DED EXP & OTHER	.00	.00	530.00	530.00	.0
510-82-6710	ADMIN OVERHEAD-GF	.00	8,784.30	102,767.00	93,982.70	8.6
510-82-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.58	.00	(6,761.58)	.0
	TOTAL PIPED WATER	25,006.82	134,251.69	605,687.00	471,435.31	22.2

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

WATER & SEWER SERVICES

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	BETHEL HTS WTR TREATMENT					
510-83-6000	SALARIES	10,042.09	62,432.19	154,800.00	92,367.81	40.3
510-83-6010	OVERTIME	5,236.11	8,828.95	37,000.00	28,171.05	23.9
510-83-6023	LEAVE CASHOUT	.00	3,096.85	7,551.00	4,454.15	41.0
510-83-6030	SOCIAL SECURITY EXPENSE	.00	33.48	.00	(33.48)	.0
510-83-6031	PAYABLE MEDICARE FICA	25.76	315.45	2,781.00	2,465.55	11.3
510-83-6032	UNEMPLOYMENT	.00	.00	2,292.00	2,292.00	.0
510-83-6033	WORKERS' COMPENSATION	.00	438.12	3,767.00	3,328.88	11.6
510-83-6034	PERS	3,361.20	15,558.64	42,196.00	26,637.36	36.9
510-83-6040	EMPLOYEE GROUP BENEFITS	1,217.68	8,563.78	36,414.00	27,850.22	23.5
510-83-6041	UTILITY BENEFIT	875.99	4,569.03	7,980.00	3,410.97	57.3
510-83-6060	TRAVEL/TRAINING	.00	.00	5,000.00	5,000.00	.0
510-83-6100	SUPPLIES	.00	2,774.25	4,000.00	1,225.75	69.4
510-83-6103	WEARING APPAREL	.00	.00	1,500.00	1,500.00	.0
510-83-6108	PLUMBING SUPPLIES	.00	456.29	.00	(456.29)	.0
510-83-6140	CHEMICALS	.00	40,728.00	125,000.00	84,272.00	32.6
510-83-6150	GASOLINE/DIESEL/OIL	.00	1,081.28	.00	(1,081.28)	.0
510-83-6153	HEATING FUEL (PUMPHOUSE)	19,876.91	37,575.07	190,000.00	152,424.93	19.8
510-83-6160	ELECTRICITY (PUMPHOUSE)	.00	25,086.14	130,525.00	105,438.86	19.2
510-83-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
510-83-6200	MINOR EQUIPMENT	.00	7,672.57	50,000.00	42,327.43	15.4
510-83-6230	VEHICLE MAINT/REPAIR	.00	178.56	3,349.00	3,170.44	5.3
510-83-6240	PROPERTY MAINT	.00	5,088.04	30,625.00	25,536.96	16.6
510-83-6332	LAB TESTS	.00	1,035.00	4,000.00	2,965.00	25.9
510-83-6335	OTHER PURCHASED SERVICES	.00	4,901.34	10,000.00	5,098.66	49.0
510-83-6400	INSURANCE	.00	8,635.20	53,351.00	44,715.80	16.2
510-83-6710	ADMIN OVERHEAD-GF	.00	8,784.30	102,767.00	93,982.70	8.6
510-83-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.58	.00	(6,761.58)	.0
	TOTAL BETHEL HTS WTR TREATMENT	40,635.74	254,594.11	1,042,486.00	787,891.89	24.4

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

WATER & SEWER SERVICES

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	CITY SUB WTR TREATMENT					
510-84-6000	SALARIES	13,544.04	83,261.79	211,690.00	128,428.21	39.3
510-84-6010	OVERTIME	6,692.92	29,798.03	45,000.00	15,201.97	66.2
510-84-6023	LEAVE CASHOUT	.00	3,096.85	10,326.00	7,229.15	30.0
510-84-6030	SOCIAL SECURITY EXPENSE	.00	33.48	.00	(33.48)	.0
510-84-6031	PAYABLE MEDICARE FICA	306.83	1,751.93	3,722.00	1,970.07	47.1
510-84-6032	UNEMPLOYMENT	.00	.00	3,343.00	3,343.00	.0
510-84-6033	WORKERS' COMPENSATION	.00	572.78	5,042.00	4,469.22	11.4
510-84-6034	PERS	4,452.13	24,754.33	56,472.00	31,717.67	43.8
510-84-6040	EMPLOYEE GROUP BENEFITS	3,297.55	18,700.11	59,303.00	40,602.89	31.5
510-84-6041	UTILITY BENEFIT	1,133.94	5,858.78	12,996.00	7,137.22	45.1
510-84-6060	TRAVEL/TRAINING	.00	.00	10,000.00	10,000.00	.0
510-84-6100	SUPPLIES	.00	1,702.19	5,000.00	3,297.81	34.0
510-84-6103	WEARING APPAREL	.00	.00	3,000.00	3,000.00	.0
510-84-6108	PLUMBING SUPPLIES	.00	324.25	.00	(324.25)	.0
510-84-6140	CHEMICALS	.00	40,728.00	125,000.00	84,272.00	32.6
510-84-6150	GASOLINE/DIESEL/OIL	.00	.00	5,500.00	5,500.00	.0
510-84-6153	HEATING FUEL(CS WTF)	13,815.10	61,677.82	120,000.00	58,322.18	51.4
510-84-6160	ELECTRICITY (CS WTF)	.00	28,031.38	98,900.00	70,868.62	28.3
510-84-6170	TELEPHONE	128.21	639.81	.00	(639.81)	.0
510-84-6171	CELL PHONE	.00	.00	1,197.00	1,197.00	.0
510-84-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
510-84-6200	MINOR EQUIPMENT	1,307.48	674.31	43,000.00	42,325.69	1.6
510-84-6230	VEHICLE MAINT (ISF)	.00	298.61	4,541.00	4,242.39	6.6
510-84-6240	PROPERTY MAINT	.00	8,270.99	51,041.00	42,770.01	16.2
510-84-6332	LAB TESTS	200.00	4,346.52	20,000.00	15,653.48	21.7
510-84-6335	OTHER PURCHASED SERVICES	.00	.00	15,000.00	15,000.00	.0
510-84-6400	INSURANCE	.00	11,126.53	67,976.00	56,849.47	16.4
510-84-6502	ADVERTISING	.00	.00	500.00	500.00	.0
510-84-6710	ADMIN OVERHEAD-GF	.00	8,784.30	102,767.00	93,982.70	8.6
510-84-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.58	.00	(6,761.58)	.0
	TOTAL CITY SUB WTR TREATMENT	44,878.20	341,194.37	1,118,904.00	777,709.63	30.5

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

WATER & SEWER SERVICES

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	HAULED SEWER					
510-85-6000	SALARIES	67,637.77	320,574.13	616,695.00	296,120.87	52.0
510-85-6010	OVERTIME	23,342.18	100,908.05	200,000.00	99,091.95	50.5
510-85-6023	LEAVE CASHOUT	.00	.00	30,083.00	30,083.00	.0
510-85-6030	SOCIAL SECURITY EXPENSE	4,047.13	17,897.85	.00	(17,897.85)	.0
510-85-6031	PAYABLE MEDICARE FICA	1,311.35	6,106.22	11,842.00	5,735.78	51.6
510-85-6032	UNEMPLOYMENT	.00	.00	7,753.00	7,753.00	.0
510-85-6033	WORKERS' COMPENSATION	.00	3,355.92	18,061.00	14,705.08	18.6
510-85-6034	PERS	5,525.83	29,088.29	179,673.00	150,584.71	16.2
510-85-6040	EMPLOYEE GROUP BENEFITS	6,120.50	28,946.15	211,721.00	182,774.85	13.7
510-85-6041	UTILITY BENEFIT	424.61	2,328.87	46,398.00	44,069.13	5.0
510-85-6100	SUPPLIES	66.41	6,583.94	15,000.00	8,416.06	43.9
510-85-6103	WEARING APPAREL	72.64	908.59	15,000.00	14,091.41	6.1
510-85-6150	GASOLINE/DIESEL/OIL	.00	20,184.89	110,000.00	89,815.11	18.4
510-85-6153	HEATING FUEL	.00	3,270.37	22,500.00	19,229.63	14.5
510-85-6155	WATER/SEWER/GARBAGE	.00	1,064.54	6,750.00	5,685.46	15.8
510-85-6160	ELECTRICITY	.00	2,904.37	18,000.00	15,095.63	16.1
510-85-6171	STAFF CELLULAR PHONES	.00	.00	598.00	598.00	.0
510-85-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
510-85-6200	MINOR EQUIPMENT	.00	337.75	5,000.00	4,662.25	6.8
510-85-6230	VEHICLE MAINT/REPAIR	.00	26,338.12	334,930.00	308,591.88	7.9
510-85-6231	VEHICLE PARTS & TOOLS	118.86	35,014.40	125,000.00	89,985.60	28.0
510-85-6240	PROPERTY MAINT	.00	4,868.05	30,625.00	25,756.95	15.9
510-85-6335	OTHER PURCHASED SERVICES	.00	.00	3,000.00	3,000.00	.0
510-85-6400	INSURANCE	.00	12,372.88	76,442.00	64,069.12	16.2
510-85-6539	MISCELLANEOUS EXPENSES	.00	.00	2,000.00	2,000.00	.0
510-85-6710	ADMIN OVERHEAD-GF	.00	38,652.71	102,767.00	64,114.29	37.6
510-85-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.58	.00	(6,761.58)	.0
	TOTAL HAULED SEWER	108,667.28	668,467.67	2,227,426.00	1,558,958.33	30.0

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

WATER & SEWER SERVICES

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	PIPED SEWER					
510-86-6000	SALARIES	9,977.67	45,659.76	180,633.00	134,973.24	25.3
510-86-6010	OVERTIME	2,459.93	10,583.83	35,000.00	24,416.17	30.2
510-86-6023	LEAVE CASHOUT	.00	.00	7,445.00	7,445.00	.0
510-86-6030	SOCIAL SECURITY EXPENSE	57.20	454.36	1,736.00	1,281.64	26.2
510-86-6031	PAYABLE MEDICARE FICA	179.89	830.05	3,127.00	2,296.95	26.5
510-86-6032	UNEMPLOYMENT	.00	130.02	3,838.00	3,707.98	3.4
510-86-6033	WORKERS' COMPENSATION	.00	454.10	4,769.00	4,314.90	9.5
510-86-6034	PERS	2,533.32	10,761.34	41,279.00	30,517.66	26.1
510-86-6040	EMPLOYEE GROUP BENEFITS	987.01	10,319.44	49,939.00	39,619.56	20.7
510-86-6041	UTILITY BENEFITS	19.89	1,517.30	10,944.00	9,426.70	13.9
510-86-6100	SUPPLIES	.00	1,981.97	3,000.00	1,018.03	66.1
510-86-6103	WEARING APPAREL	.00	1,967.07	4,000.00	2,032.93	49.2
510-86-6108	PLUMBING SUPPLIES	.00	349.13	7,500.00	7,150.87	4.7
510-86-6150	GASOLINE/DIESEL/OIL	500.88	3,343.33	15,000.00	11,656.67	22.3
510-86-6153	HEATING FUEL	5,219.20	8,529.84	60,000.00	51,470.16	14.2
510-86-6155	WATER/SEWER/GARBAGE	.00	554.22	2,200.00	1,645.78	25.2
510-86-6160	ELECTRICITY-LIFTST & BLDG	.00	25,101.02	108,000.00	82,898.98	23.2
510-86-6171	CELL PHONE	.00	52.99	1,197.00	1,144.01	4.4
510-86-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
510-86-6200	MINOR EQUIPMENT	767.37	82,897.10	150,000.00	67,102.90	55.3
510-86-6230	VEHICLE MAINT/REPAIR	.00	217.91	4,087.00	3,869.09	5.3
510-86-6231	VEHICLE PARTS & TOOLS	80.52	3,391.23	1,500.00	(1,891.23)	226.1
510-86-6232	TIRES & WHEELS	.00	.00	500.00	500.00	.0
510-86-6240	PROPERTY MAINT	.00	8,112.40	51,041.00	42,928.60	15.9
510-86-6335	OTHER PURCHASED SERVICES	.00	2,666.91	10,000.00	7,333.09	26.7
510-86-6400	INSURANCE	.00	11,659.96	10,255.00	(1,404.96)	113.7
510-86-6410	LEASED PROPERTY-LIFT STATIONS	.00	17,381.25	17,000.00	(381.25)	102.2
510-86-6710	ADMIN OVERHEAD-GF	.00	8,784.30	102,767.00	93,982.70	8.6
510-86-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.58	.00	(6,761.58)	.0
	TOTAL PIPED SEWER	22,782.88	264,462.41	924,345.00	659,882.59	28.6

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

WATER & SEWER SERVICES

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	SEWER LAGOON					
510-87-6000	SALARIES	3,971.73	19,446.45	39,296.00	19,849.55	49.5
510-87-6010	OVERTIME	297.47	1,102.89	6,250.00	5,147.11	17.7
510-87-6023	LEAVE CASHOUT	.00	.00	2,300.00	2,300.00	.0
510-87-6030	SOCIAL SECURITY EXPENSE	.00	22.32	.00	(22.32)	.0
510-87-6031	PAYABLE MEDICARE FICA	62.00	298.88	660.00	361.12	45.3
510-87-6032	UNEMPLOYMENT	.00	.00	811.00	811.00	.0
510-87-6033	WORKERS' COMPENSATION	.00	88.40	1,007.00	918.60	8.8
510-87-6034	PERS	939.20	4,441.62	10,020.00	5,578.38	44.3
510-87-6040	EMPLOYEE GROUP BENEFITS	912.92	4,100.70	12,485.00	8,384.30	32.9
510-87-6041	UTILITY BENEFIT	39.79	197.85	2,736.00	2,538.15	7.2
510-87-6060	TRAVEL/TRAINING	.00	.00	3,000.00	3,000.00	.0
510-87-6100	SUPPLIES	.00	267.63	1,000.00	732.37	26.8
510-87-6103	WEARING APPAREL	.00	.00	3,000.00	3,000.00	.0
510-87-6108	PLUMBING SUPPLIES	.00	.00	3,000.00	3,000.00	.0
510-87-6150	GASOLINE/DIESEL/OIL	.00	12.29	38,000.00	37,987.71	.0
510-87-6200	MINOR EQUIPMENT	.00	233.92	1,100.00	866.08	21.3
510-87-6231	VEHICLE PARTS & TOOLS	.00	1,255.59	160.00	(1,095.59)	784.7
510-87-6324	PLANNING/ENGINEERING FEES	.00	.00	15,000.00	15,000.00	.0
510-87-6332	LAB TESTS (SAMPLES)	458.98	10,613.88	500.00	(10,113.88)	2122.8
510-87-6400	INSURANCE	.00	267.22	1,650.00	1,382.78	16.2
510-87-6503	DUES & SUBSCRIPTIONS	.00	.00	8,000.00	8,000.00	.0
510-87-6710	ADMIN OVERHEAD-GF	.00	1,757.26	102,767.00	101,009.74	1.7
	TOTAL SEWER LAGOON	6,682.09	44,106.90	252,742.00	208,635.10	17.5
	TOTAL FUND EXPENDITURES	331,602.38	2,344,550.37	9,464,044.00	7,119,493.63	24.8
	NET REVENUE OVER EXPENDITURES	491,901.45	1,761,940.63	76,485.00	(1,685,455.63)	2303.6

CITY OF BETHEL
REVENUES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

MUNICIPAL DOCK

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
	CHARGES FOR SERVICES					
520-43-4402	CITY DOCK-STORAGE	.00	90.00	75,000.00	74,910.00	.1
520-43-4403	CITY DOCK-PERMITS	.00	.00	3,000.00	3,000.00	.0
520-43-4404	CITY DOCK-WHARFAGE	29,843.07	64,099.26	140,000.00	75,900.74	45.8
520-43-4405	CITY DOCK-DOCKAGE	8,488.98	19,641.07	30,000.00	10,358.93	65.5
520-43-4409	SBH PETRO PORT-FUEL THRU-PUT	164,019.96	265,808.54	250,000.00	(15,808.54)	106.3
520-43-4410	PETRO YARD - STORAGE	.00	.00	2,000.00	2,000.00	.0
520-43-4412	PETRO PORT-FUEL THRU-PUT	328,039.92	531,617.08	500,000.00	(31,617.08)	106.3
520-43-4413	PETRO PORT-DOCKAGE	2,872.61	17,646.05	25,000.00	7,353.95	70.6
520-43-4415	SEAWALL MOORAGE	.00	.00	30,000.00	30,000.00	.0
520-43-4416	SEAWALL DOCKAGE	9,674.15	13,859.74	30,000.00	16,140.26	46.2
520-43-4418	BEACH-STORAGE	.00	375.84	35,000.00	34,624.16	1.1
520-43-4419	BEACH-WHARFAGE	815.94	20,859.43	110,000.00	89,140.57	19.0
520-43-4420	BEACH-DOCKAGE	2,114.24	13,788.45	35,000.00	21,211.55	39.4
520-43-4422	BOAT HARBOR-MOORAGE	.00	2,268.00	15,000.00	12,732.00	15.1
	TOTAL CHARGES FOR SERVICES	545,868.87	950,053.46	1,280,000.00	329,946.54	74.2
	LEASE REVENUE					
520-44-4440	LEASE REVENUE	.00	.00	32,412.00	32,412.00	.0
	TOTAL LEASE REVENUE	.00	.00	32,412.00	32,412.00	.0
	MISCELLANEOUS					
520-45-4388	EXTRA WATER CALLS	3,640.00	19,792.80	30,000.00	10,207.20	66.0
520-45-4424	SMALL BOAT HARBOR STORAGE	.00	200.00	5,000.00	4,800.00	4.0
520-45-4535	SMALL BOAT HARBOR PERMITS	.00	1,220.00	12,000.00	10,780.00	10.2
	TOTAL MISCELLANEOUS	3,640.00	21,212.80	47,000.00	25,787.20	45.1
	MISCELLANEOUS					
520-49-4439	MISCELLANEOUS REVENUE	.00	225.00	2,000.00	1,775.00	11.3
520-49-4590	INVESTMENT INCOME	.00	7,508.69	33,876.00	26,367.31	22.2
520-49-4591	INVESTMENT INCOME-SEAWALL ACCT	.00	.00	33,876.00	33,876.00	.0
	TOTAL MISCELLANEOUS	.00	7,733.69	69,752.00	62,018.31	11.1
	TOTAL FUND REVENUE	549,508.87	978,999.95	1,429,164.00	450,164.05	68.5

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

MUNICIPAL DOCK

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	DOCK EXPENDITURES					
520-50-6000	SALARIES	12,482.39	74,525.04	205,121.00	130,595.96	36.3
520-50-6010	OVERTIME	35.89	700.02	5,000.00	4,299.98	14.0
520-50-6023	LEAVE CASHOUT	1,266.89	7,962.81	9,001.00	1,038.19	88.5
520-50-6030	SOCIAL SECURITY EXPENSE	9.51	372.58	1,277.00	904.42	29.2
520-50-6031	PAYABLE MEDICARE FICA	209.34	1,254.04	3,047.00	1,792.96	41.2
520-50-6032	UNEMPLOYMENT	.00	.00	2,402.00	2,402.00	.0
520-50-6033	WORKERS' COMPENSATION	.00	602.70	5,817.00	5,214.30	10.4
520-50-6034	PERS	2,720.25	15,227.43	41,696.00	26,468.57	36.5
520-50-6040	EMPLOYEE GROUP BENEFITS	4,813.77	23,604.96	52,436.00	28,831.04	45.0
520-50-6041	UTILITY BENEFIT	836.54	4,852.58	11,491.00	6,638.42	42.2
520-50-6060	TRAVEL/TRAINING	.00	.00	5,000.00	5,000.00	.0
520-50-6100	SUPPLIES	98.06	414.00	8,000.00	7,586.00	5.2
520-50-6103	WEARING APPAREL	.00	.00	5,000.00	5,000.00	.0
520-50-6121	MUNICIPAL DOCK GRAVEL	.00	.00	130,000.00	130,000.00	.0
520-50-6150	GASOLINE/DIESEL/OIL	416.99	8,110.59	15,000.00	6,889.41	54.1
520-50-6153	HEATING FUEL	271.91	2,031.14	5,000.00	2,968.86	40.6
520-50-6155	WATER/SEWER/GARBAGE	.00	5,107.93	13,500.00	8,392.07	37.8
520-50-6156	WATER FOR BARGES	.00	.00	12,000.00	12,000.00	.0
520-50-6160	ELECTRICITY	.00	4,185.45	18,900.00	14,714.55	22.2
520-50-6170	TELEPHONE	193.15	963.89	2,316.00	1,352.11	41.6
520-50-6171	STAFF CELLULAR PHONES	.00	400.20	1,197.00	796.80	33.4
520-50-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
520-50-6200	MINOR EQUIPMENT	.00	.00	10,000.00	10,000.00	.0
520-50-6230	VEHICLE MAINT/REPAIR	.00	193.70	3,633.00	3,439.30	5.3
520-50-6231	VEHICLE PARTS & TOOLS	187.16	1,117.67	5,000.00	3,882.33	22.4
520-50-6240	PROPERTY MAINT	.00	4,868.05	.00	(4,868.05)	.0
520-50-6241	MUNICIPAL DOCK MAINT.	.00	1,532.78	20,000.00	18,467.22	7.7
520-50-6242	MAINT-SEAWALL	.00	.00	7,000.00	7,000.00	.0
520-50-6244	ICR-PROPERTY MAINTENANCE 5%	.00	.00	30,625.00	30,625.00	.0
520-50-6339	OTHER PURCHASED SERVICES	.00	278.04	.00	(278.04)	.0
520-50-6400	INSURANCE	.00	11,773.20	72,739.00	60,965.80	16.2
520-50-6502	ADVERTISING	.00	.00	1,000.00	1,000.00	.0
520-50-6503	DUES & SUBSCRIPTIONS	.00	.00	2,000.00	2,000.00	.0
520-50-6531	BANK CHARGES	.00	474.36	3,000.00	2,525.64	15.8
520-50-6539	MISCELLANEOUS EXPENSES	.00	61.83	900.00	838.17	6.9
520-50-6710	ADMIN OVERHEAD-GF	.00	8,784.30	172,402.00	163,617.70	5.1
520-50-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.58	.00	(6,761.58)	.0
520-50-6890	CAPITAL EXPENDITURES	.00	150,308.36	.00	(150,308.36)	.0
	TOTAL DOCK EXPENDITURES	23,541.85	336,469.23	919,088.00	582,618.77	36.6

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

MUNICIPAL DOCK

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	SMALL BOAT HARBOR					
520-55-6000	SALARIES	2,391.32	34,583.08	113,114.00	78,530.92	30.6
520-55-6010	OVERTIME	3.99	106.30	1,500.00	1,393.70	7.1
520-55-6023	LEAVE CASHOUT	140.77	630.36	1,388.00	757.64	45.4
520-55-6030	SOCIAL SECURITY EXPENSE	1.06	1,307.74	5,248.00	3,940.26	24.9
520-55-6031	PAYABLE MEDICARE FICA	36.89	513.16	1,662.00	1,148.84	30.9
520-55-6032	UNEMPLOYMENT	.00	.00	2,040.00	2,040.00	.0
520-55-6033	WORKERS' COMPENSATION	.00	334.40	3,173.00	2,838.60	10.5
520-55-6034	PERS	523.23	2,991.30	6,591.00	3,599.70	45.4
520-55-6040	EMPLOYEE GROUP BENEFITS	811.84	3,716.76	9,988.00	6,271.24	37.2
520-55-6041	UTILITY BENEFIT	53.34	341.16	2,189.00	1,847.84	15.6
520-55-6100	SUPPLIES	131.89	2,877.59	3,000.00	122.41	95.9
520-55-6103	WEARING APPAREL	.00	83.99	3,000.00	2,916.01	2.8
520-55-6132	SMALL BOAT HARBOR GRAVEL	.00	.00	30,000.00	30,000.00	.0
520-55-6150	GASOLINE/DIESEL/OIL	.00	.00	12,000.00	12,000.00	.0
520-55-6200	MINOR EQUIPMENT	.00	256.52	4,000.00	3,743.48	6.4
520-55-6241	SMALL BOAT HARBOR MAINTENANCE	.00	171.96	6,000.00	5,828.04	2.9
520-55-6400	INSURANCE	.00	672.34	4,153.00	3,480.66	16.2
520-55-6539	MISCELLANEOUS EXPENSES	.00	92.27	1,000.00	907.73	9.2
520-55-6710	ADMIN OVERHEAD-GF	.00	3,513.52	28,016.00	24,502.48	12.5
520-55-6890	CAP EXP SBH	.00	987,000.00	.00	(987,000.00)	.0
	TOTAL SMALL BOAT HARBOR	4,094.33	1,039,192.45	238,062.00	(801,130.45)	436.5
	TOTAL FUND EXPENDITURES	27,636.18	1,375,661.68	1,157,150.00	(218,511.68)	118.9
	NET REVENUE OVER EXPENDITURES	521,872.69	(396,661.73)	272,014.00	668,675.73	(145.8)

CITY OF BETHEL
REVENUES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

LEASED PROPERTIES

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
	LEASE INCOME					
530-44-4443	LEASE-SOA DEPT OF ADMIN-OCS	.00	.00	108,000.00	108,000.00	.0
530-44-4444	LEASE-COURT SYSTEM	.00	.00	486,528.00	486,528.00	.0
530-44-4447	LEASE:DEPT OF LAW	.00	.00	169,056.00	169,056.00	.0
530-44-4451	LEASE-BETHEL SPORTSMANS CLUB	.00	.00	1.00	1.00	.0
530-44-4452	LEASE-FW TOWER RD LND ASPHALT	.00	.00	12,600.00	12,600.00	.0
530-44-4453	YKHC - WAREHOUSE	.00	1,976.00	5,808.00	3,832.00	34.0
530-44-4455	DMV LEASE 300 CEHHWY	.00	.00	12,360.00	12,360.00	.0
530-44-4456	LEASE-LIONS CLUB	.00	.00	1,800.00	1,800.00	.0
530-44-4459	LAND LEASE-BETHEL GROUP HOME	.00	.00	3,600.00	3,600.00	.0
530-44-4461	LEASE LAND AVCP HEARSTART	.00	.00	3,300.00	3,300.00	.0
530-44-4463	LEASE LAND SWANSONS/BTP	.00	.00	24,084.00	24,084.00	.0
530-44-4467	LEASE LAND EUNKANG CHURCH	.00	.00	1,800.00	1,800.00	.0
530-44-4470	LEASE LAND GCI	.00	.00	12,612.00	12,612.00	.0
530-44-4474	LEASE:SOA DOT&PUBFAL(560 4TH)	.00	.00	9,600.00	9,600.00	.0
530-44-9455	YKHC RENTED BLDING 378 FIFTH	.00	.00	20,364.00	20,364.00	.0
	TOTAL LEASE INCOME	.00	1,976.00	871,513.00	869,537.00	.2
	MISCELLANEOUS					
530-49-4590	INVESTMENT INCOME	.00	872.47	7,500.00	6,627.53	11.6
	TOTAL MISCELLANEOUS	.00	872.47	7,500.00	6,627.53	11.6
	TOTAL FUND REVENUE	.00	2,848.47	879,013.00	876,164.53	.3

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

LEASED PROPERTIES

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	LEASED PROPERTIES-MISC					
530-50-6153	HEATING FUEL	.00	.00	21,600.00	21,600.00	.0
530-50-6155	WATER	.00	.00	21,600.00	21,600.00	.0
530-50-6160	ELECTRICITY	.00	.00	21,600.00	21,600.00	.0
530-50-6339	OTHER PURCHASED SERVICES	.00	.00	12,960.00	12,960.00	.0
530-50-6400	INSURANCE	.00	1,736.04	10,726.00	8,989.96	16.2
	TOTAL LEASED PROPERTIES-MISC	.00	1,736.04	88,486.00	86,749.96	2.0
	LEASED PROP-COURT COMPLEX					
530-55-6153	HEATING FUEL-COURTCOMPLEX	6,996.03	20,660.53	61,598.00	40,937.47	33.5
530-55-6155	WATER/SEWER/GARB-COURTCOM	.00	13,806.12	23,240.00	9,433.88	59.4
530-55-6160	ELECTRICITY-COURT COMPLEX	.00	31,883.25	97,570.00	65,686.75	32.7
530-55-6170	TELEPHONE	63.27	315.73	800.00	484.27	39.5
530-55-6240	PROPERTY MT-COURT COMPLEX	.00	19,533.17	122,499.00	102,965.83	16.0
530-55-6241	ICR-PROPERTY MAINTENANCE-15%	.00	940.28	25,000.00	24,059.72	3.8
530-55-6333	JANITORIAL-COURT COMPLEX	1,630.00	13,970.00	89,500.00	75,530.00	15.6
530-55-6339	OTHER PURCHASED SERVICES	.00	.00	2,500.00	2,500.00	.0
530-55-6400	INSURANCE	.00	8,274.10	51,121.00	42,846.90	16.2
530-55-6420	COURTHOUSE LOAN INTEREST	.00	17,500.00	.00	(17,500.00)	.0
530-55-6421	BOND INTEREST EXPENSE	.00	.00	29,500.00	29,500.00	.0
530-55-6710	ADMIN OVERHEAD	.00	.00	121,105.00	121,105.00	.0
	TOTAL LEASED PROP-COURT COMPLEX	8,689.30	126,883.18	624,433.00	497,549.82	20.3
	TOTAL FUND EXPENDITURES	8,689.30	128,619.22	712,919.00	584,299.78	18.0
	NET REVENUE OVER EXPENDITURES	(8,689.30)	(125,770.75)	166,094.00	291,864.75	(75.7)

CITY OF BETHEL
REVENUES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

BETHEL PUBLIC TRANSIT SYSTEM

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
	LOCAL SOURCES					
560-40-4600	CASH TRANSFER GF	.00	.00	257,459.00	257,459.00	.0
	TOTAL LOCAL SOURCES	.00	.00	257,459.00	257,459.00	.0
	FEDERAL SOURCES					
560-41-4101	REV-FEDERAL TRANSIT 5311	.00	45,573.91	278,271.00	232,697.09	16.4
	TOTAL FEDERAL SOURCES	.00	45,573.91	278,271.00	232,697.09	16.4
	CHARGES FOR SERVICES					
560-43-4370	BUS FARES	957.00	7,533.00	40,000.00	32,467.00	18.8
	TOTAL CHARGES FOR SERVICES	957.00	7,533.00	40,000.00	32,467.00	18.8
	TOTAL FUND REVENUE	957.00	53,106.91	575,730.00	522,623.09	9.2

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

BETHEL PUBLIC TRANSIT SYSTEM

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	TRANSIT SYSTEM SECTION 5311					
560-50-6000	SALARIES	12,414.98	64,866.18	151,057.00	86,190.82	42.9
560-50-6010	OVERTIME	1,970.99	9,953.22	15,000.00	5,046.78	66.4
560-50-6023	LEAVE CASHOUT	.00	.00	6,010.00	6,010.00	.0
560-50-6030	SOCIAL SECURITY EXPENSE	.00	.00	1,727.00	1,727.00	.0
560-50-6031	PAYABLE MEDICARE FICA	215.06	1,117.13	2,408.00	1,290.87	46.4
560-50-6032	UNEMPLOYMENT	.00	.00	1,916.00	1,916.00	.0
560-50-6033	WORKERS' COMPENSATION	.00	867.68	4,290.00	3,422.32	20.2
560-50-6034	PERS	3,164.93	16,460.29	30,403.00	13,942.71	54.1
560-50-6040	EMPLOYEE GROUP BENEFITS	4,361.14	22,024.57	41,616.00	19,591.43	52.9
560-50-6041	UTILITY BENEFIT	736.35	3,384.28	9,120.00	5,735.72	37.1
560-50-6060	TRAVEL/TRAINING	.00	261.00	.00	(261.00)	.0
560-50-6100	SUPPLIES	31.00	(2,149.62)	2,000.00	4,149.62	(107.5)
560-50-6150	GASOLINE/DIESEL/OIL	1,841.55	9,255.33	24,000.00	14,744.67	38.6
560-50-6153	HEATING FUEL	805.14	3,343.40	15,000.00	11,656.60	22.3
560-50-6155	WTR/SWR/GRB	.00	806.24	4,200.00	3,393.76	19.2
560-50-6160	ELECTRICITY	.00	1,923.31	6,000.00	4,076.69	32.1
560-50-6170	TELEPHONE	1.67	8.35	.00	(8.35)	.0
560-50-6171	STAFF CELLULAR PHONES	.00	149.58	598.00	448.42	25.0
560-50-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
560-50-6230	VEHICLE MAINT/REPAIR	.00	1,573.61	29,519.00	27,945.39	5.3
560-50-6231	VEHICLE PARTS & TOOLS	.00	2,527.12	5,000.00	2,472.88	50.5
560-50-6240	PROPERY MAINTENANCE (ISF)	.00	6,489.73	40,833.00	34,343.27	15.9
560-50-6400	INSURANCE	.00	2,143.42	13,242.00	11,098.58	16.2
560-50-6503	DUES & SUBSCRIPTIONS	.00	.00	300.00	300.00	.0
560-50-6539	MISCELLANEOUS EXPENSES	.00	.00	1,500.00	1,500.00	.0
560-50-6710	ADMIN OVERHEAD-GF	.00	7,028.04	92,404.00	85,375.96	7.6
560-50-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.58	.00	(6,761.58)	.0
	TOTAL TRANSIT SYSTEM SECTION 5311	25,542.81	158,794.44	535,731.00	376,936.56	29.6
	TOTAL FUND EXPENDITURES	25,542.81	158,794.44	535,731.00	376,936.56	29.6
	NET REVENUE OVER EXPENDITURES	(24,585.81)	(105,687.53)	39,999.00	145,686.53	(264.2)

CITY OF BETHEL
REVENUES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

VEHICLES & EQUIP MAINTENANCE

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEARNED	PCNT
	CHARGES FOR SERVICES					
570-43-4651	FROM GF-ADMIN	.00	60.72	2,271.00	2,210.28	2.7
570-43-4653	FROM GF-FINANCE	.00	121.06	2,271.00	2,149.94	5.3
570-43-4654	FROM GF-PLANNING	.00	90.78	1,703.00	1,612.22	5.3
570-43-4655	FROM GF-FIRE	.00	1,089.43	20,436.00	19,346.57	5.3
570-43-4656	FROM GF-POLICE	.00	1,246.78	23,388.00	22,141.22	5.3
570-43-4657	FROM GF-PW ADMIN	.00	260.26	4,882.00	4,621.74	5.3
570-43-4658	FROM GF-STREETS/ROADS	.00	9,078.60	173,745.00	164,666.40	5.2
570-43-4661	FROM GF-PROPERTY MAINT.	.00	375.26	7,039.00	6,663.74	5.3
570-43-4664	FROM GF-PIPED SEWER	.00	217.91	4,087.00	3,869.09	5.3
570-43-4665	FROM GEN FUND-IT SVCS	.00	181.56	.00	(181.56)	.0
570-43-4671	FROM EF-PORT	.00	193.70	3,633.00	3,439.30	5.3
570-43-4672	FROM EF-HAULED WATER	.00	18,139.06	340,266.00	322,126.94	5.3
570-43-4673	FROM EF-HAULED SEWER	.00	17,854.58	334,930.00	317,075.42	5.3
570-43-4674	FROM EF-PIPED WATER	.00	175.50	3,293.00	3,117.50	5.3
570-43-4676	FROM EF-HAULED REFUSE	.00	4,357.71	80,578.00	76,220.29	5.4
570-43-4677	FROM EF-LANDFILL OPERATIONS	.00	4,841.95	90,828.00	85,986.05	5.3
570-43-4678	FROM EF-BETHEL HGT WATER TRMT	.00	178.56	3,349.00	3,170.44	5.3
570-43-4680	FROM EF-CITY SUB WATER TRMT	.00	242.12	4,541.00	4,298.88	5.3
570-43-4684	FROM EF-BETHEL TRANSIT SYSTEM	.00	1,573.61	29,519.00	27,945.39	5.3
570-43-4686	FROM EF- YKAHTC	.00	.00	1,132.00	1,132.00	.0
	TOTAL CHARGES FOR SERVICES	.00	60,279.15	1,131,891.00	1,071,611.85	5.3
	TOTAL FUND REVENUE	.00	60,279.15	1,131,891.00	1,071,611.85	5.3

CITY OF BETHEL
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 5 MONTHS ENDING NOVEMBER 30, 2025

VEHICLES & EQUIP MAINTENANCE

		PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
	VEHICLE & EQUIP MAINT					
570-50-6000	SALARIES	18,894.79	116,217.70	446,392.00	330,174.30	26.0
570-50-6010	OVERTIME	1,239.44	4,571.57	15,000.00	10,428.43	30.5
570-50-6023	LEAVE CASHOUT	.00	.00	21,775.00	21,775.00	.0
570-50-6030	SOCIAL SECURITY EXPENSE	.00	245.02	.00	(245.02)	.0
570-50-6031	PAYABLE MEDICARE FICA	308.64	1,835.71	6,690.00	4,854.29	27.4
570-50-6032	UNEMPLOYMENT	.00	.00	5,145.00	5,145.00	.0
570-50-6033	WORKERS' COMPENSATION	.00	1,715.36	10,775.00	9,059.64	15.9
570-50-6034	PERS	4,429.53	25,704.28	101,506.00	75,801.72	25.3
570-50-6040	EMPLOYEE GROUP BENEFITS	4,472.72	21,418.29	147,737.00	126,318.71	14.5
570-50-6041	UTILITY BENEFIT	1,433.24	7,166.18	32,376.00	25,209.82	22.1
570-50-6060	TRAVEL/TRAINING	.00	.00	5,000.00	5,000.00	.0
570-50-6100	SUPPLIES	.00	1,118.10	10,000.00	8,881.90	11.2
570-50-6103	WEARING APPAREL	.00	113.97	4,000.00	3,886.03	2.9
570-50-6150	GASOLINE/DIESEL/OIL	137.04	1,115.36	8,000.00	6,884.64	13.9
570-50-6153	HEATING FUEL	.00	3,270.37	22,500.00	19,229.63	14.5
570-50-6155	WATER/SEWER/GARBAGE	.00	1,064.54	6,750.00	5,685.46	15.8
570-50-6160	ELECTRICITY	.00	2,904.38	18,000.00	15,095.62	16.1
570-50-6179	IT (ICR)	.00	.00	37,588.00	37,588.00	.0
570-50-6200	MINOR EQUIPMENT	87.31	1,688.89	5,000.00	3,311.11	33.8
570-50-6231	VEHICLE PARTS & TOOLS	914.26	4,015.54	10,000.00	5,984.46	40.2
570-50-6339	OTHER PURCHASED SERVICES	.00	583.44	5,000.00	4,416.56	11.7
570-50-6400	INSURANCE	.00	6,213.86	38,390.00	32,176.14	16.2
570-50-6503	DUES & SUBSCRIPTIONS	.00	4,330.00	20,000.00	15,670.00	21.7
570-50-6710	ADMIN OVERHEAD-GF	.00	21,083.10	154,269.00	133,185.90	13.7
570-50-6711	ADMIN OVERHEAD-IT SVCS	.00	6,761.58	.00	(6,761.58)	.0
	TOTAL VEHICLE & EQUIP MAINT	31,916.97	233,137.24	1,131,893.00	898,755.76	20.6
	TOTAL FUND EXPENDITURES	31,916.97	233,137.24	1,131,893.00	898,755.76	20.6
	NET REVENUE OVER EXPENDITURES	(31,916.97)	(172,858.09)	(2.00)	172,856.09	(86429

City of Bethel - Public Works Department

Utilities Activity Report

FY26 - July 2025 thru June 2026

Public Works Director - William Arnold

	City Sub Water Treatment Plant										Bethel Heights Water Treatment Plant									
	Water				Chemical Usage					Fuel	Water					Chemical Usage				Fuel
	Plant Production (Gallons)	Hauled Water (Gallons)	Piped Water (Gallons)	Backwash Usage (Gallons)	Calcium Hypochlorite (lbs)	Polymer (mL)	Potassium Permanganate (lbs)	Disodium Phosphate (lbs)	Sodium Fluoride (lbs)	Fuel Delivered (gal)	Plant Production (Gallons)	Hauled Water (Gallons)	Piped Water (Gallons)	School Water (Gallons)	Backwash Usage (Gallons)	Calcium Hypochlorite (lbs)	Polymer (mL)	Potassium Permanganate (lbs)	Sodium Fluoride (lbs)	Fuel Delivered (gal)
July	6,663,774	1,799,000	2,132,200	315,000	400	7,200	200	57	50	1,900	4,118,653	407,568	3,597,939	3,800	151,000	300	4,590	160	0	0
August	7,167,385	2,153,000	2,102,590	341,000	500	9,000	280	64	50	1,100	3,377,961	222,374	3,503,488	200	136,000	400	3,987	150	0	0
September	7,205,979	2,022,000	2,309,360	339,000	400	8,280	280	57	50	1,600	3,492,142	199,132	2,516,608	400	120,000	500	3,870	80	0	0
October	7,559,843	2,164,000	2,333,320	375,000	500	8,370	200	57	150	2,100	4,354,057	216,512	3,647,056	500	136,000	738	4,680	140	0	0
November	7,840,449	1,812,000	2,748,710	375,000	600	8,190	280	50	50	2,532	5,023,688	277,762	4,237,913	0	136,000	900	4,770	118	0	0
December	1,797,089	382,000	652,250	85,000	100	1,980	40	14	0	750	1,538,695	130	1,370,120	0	64,000	100	2,160	80	0	1,382
January	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
April	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fiscal Year to Date Totals	38,234,519	10,332,000	12,278,430	1,830,000	2,500	43,020	1,280	300	350	9,982	21,905,196	1,323,478	18,873,124	4,900	743,000	2,938	24,057	728	0	1,382

Bethel Heights WTP	
City Sub WTP	
Sewer Lagoon	
Piped Sewer	
Piped Water	
Other	

Prepared by - WTC Coordinator

CITY OF BETHEL

City Manager's Office

DATE ISSUED: November 18, 2025
ATTENTION: City of Bethel Governing Body
SUBJECT: Marijuana License Retail Store #30563 Good Vibes, Owned by Alexander Wasierksi and Brian Glasheen JR

On November 14, 2025 the Alcohol and Marijuana Control Office provided notice of a Marijuana License Retail Store renewal for license number 30563, operating as Good Vibes. Good Vibes is owned by Alexander Wasierksi and Brian Glasheen JR, and is located at 323 Chief Eddie Hoffman Highway, Bethel. The City has until January 13, 2026 to protest the renewal.

In accordance with Bethel Municipal Code 5.10.020, the application was submitted for review as follows:

1. To the planning director or their designee is to determine if the applicant has complied with the conditional use provisions of the Bethel Municipal Code;

2. To the finance director or their designee is to determine whether the licensee or license transferee is delinquent in paying to the city any tax, assessment, business license fee, or fee or charge for utility service for the business and/or affiliate (as defined in 3 AAC 304.990) that operates or will operate under the liquor license;

3. Public Safety is to determine whether, in their opinion, there have been excessive calls for service, excessive numbers of convictions or arrests for unlawful activity at the license location, police or ambulance reports, reports of unlawful activity at the license location, or police, fire or ambulance dispatches to the license location.

After a review of the required items, Administration does not find the business to be out of compliance with planning requirements, business licensing, sales tax, or other fees or charges, and has not an excessive number of police for fire related calls to the location. The Administration has not found cause to protest the issuance of the renewal under BMC 5.10.020.

Sincerely,

Lori Strickler
City Manager

CC:
Alexander Wasierski awasierski@gmail.com
Brian Galsheen asbpg22@gmail.com

Public Notice

Application for Marijuana Establishment License

License Number: 30563
License Status: Active-Operating
License Type: Retail Marijuana Store
Doing Business As: Good Vibes Bethel
Business License Number: 2136975
Email Address: asbpg2@gmail.com
Latitude, Longitude: 60.790000, -161.771000
Physical Address: 323 Chief Eddie Hoffman Hwy
Bethel, AK 99559
UNITED STATES

Licensee #1

Type: Entity
Alaska Entity Number: 10163025
Alaska Entity Name: Good Vibes LLC
Phone Number: 907-545-1144
Email Address: asbpg2@gmail.com
Mailing Address: 1853 Buccaneer Pl
Anchorage, AK 99501
UNITED STATES

Entity Official #1

Type: Individual
Name: Alexander Wasierski
Phone Number: 907-545-3499
Email Address: awasierski@gmail.com
Mailing Address: PO BOX 573
Bethel, AK 99559
UNITED STATES

Entity Official #2

Type: Individual
Name: Brian Glasheen JR
Phone Number: 907-545-1144
Email Address: asbpg2@gmail.com
Mailing Address: 1853 Buccaneer Pl
Anchorage, AK 99501
UNITED STATES

Note: *No affiliates entered for this license.*

Interested persons may object to the application by submitting a written statement of reasons for the objection to their local government, the applicant, and the Alcohol & Marijuana Control Office (AMCO) not later than 30 days after the director has determined the application to be complete and has given written notice to the local government. Once an application is determined to be complete, the objection deadline and application information will be posted on AMCO's website at https://www.commerce.alaska.gov/web/amco. Objections should be sent to AMCO at marijuana.licensing@alaska.gov or to 550 W 7th Ave, Suite 1600, Anchorage, AK 99501.

POSTING DATE_____

Anchorage, AK 99501
marijuana.licensing@alaska.gov
https://www.commerce.alaska.gov/web/amco
Phone: 907.269.0350

Alaska Marijuana Control Board

Form MJ-20: 2025-2026 Renewal Application Certifications

Why is this form needed?

This renewal application certifications form is required for all marijuana establishment license renewal applications. Each person signing an application for a marijuana establishment license must declare that he/she has read and is familiar with AS 17.38 and 3 AAC 306. A person other than a licensee may not have direct or indirect financial interest (as defined in 3 AAC 306.015(e)(1)) in the business for which a marijuana establishment license is issued, per 3 AAC 306.015(a).

This form must be completed and submitted to AMCO's Anchorage office by each licensee (as defined in 3 AAC 306.020(b)(2)) before any license renewal application will be considered complete.

RECEIVED
AUG 15 2025
ALCOHOL MARIJUANA CONTROL OFFICE
STATE OF ALASKA

Section 1 – Establishment Information

Enter information for the licensed establishment, as identified on the license application.

Licensee:	Good Vibes LLC	**License Number:**	30563		
License Type:	Retail				
Doing Business As:	Good Vibes Bethel				
Premises Address:	323 Chief Eddie Hoffman HWY				
City:	Bethel	**State:**	AK	**ZIP:**	99559

Section 2 – Individual Information

Enter information for the individual licensee who is completing this form.

Name:	Brian Glasheen
Title:	Co Owner

Section 3 – Violations & Charges

Read each line below, and then sign your initials in the box to the right of any applicable statements:	Initials
I certify that I have **not** been convicted of any criminal charge in the previous two calendar years.	BPG
I certify that I have **not** committed any civil violation of AS 04, AS 17.38, or 3 AAC 306 in the previous two calendar years.	BPG
I certify that a notice of violation has **not** been issued for this license between July 1, 2024, and June 30, 2025.	BPG

Sign your initials to the following statement only if you are unable to certify one or more of the above statements:	Initials
I have attached a written explanation for why I cannot certify one or more of the above statements, which includes the type of violation or offense, as required under 3 AAC 306.035(b).	

Form MJ-20: 2025-2026 Renewal Application Certifications

Section 5 – Certifications

Read each line below, and then sign your initials in the box to the right of each statement: Initials

I certify that no person other than a licensee listed on my marijuana establishment license renewal application has a direct or indirect financial interest, as defined in 3 AAC 306.015(e)(1), in the business for which the marijuana establishment license has been issued. BPG

I certify that I meet the residency requirement under AS 43.23 or I have submitted a residency exception affidavit (MJ-20a) along with this application. BPG

I certify that this establishment complies with any applicable health, fire, safety, or tax statute, ordinance, regulation, or other law in the state. BPG

I certify that the license is operated in accordance with the operating plan currently approved by the Marijuana Control Board. BPG

I certify that I am operating in compliance with the Alaska Department of Labor and Workforce Development's laws and requirements pertaining to employees. BPG

I certify that I have not violated any restrictions pertaining to this particular license type, and that this license has not been operated in violation of a condition or restriction imposed by the Marijuana Control Board. BPG

Initial this box if you are submitting an original fingerprint card and the applicable fees to AMCO for AMCO to obtain criminal justice information and a national criminal history record required by AS 17.38.200 and 3 AAC 306.035(d). If I have multiple marijuana licenses being renewed, I understand one fingerprint card and fee will suffice for all marijuana licenses being renewed. [ ]

If multiple licenses are held, list all license numbers below:

[ ]

I hereby certify that I am the person herein named and subscribing to this application and that I have read the complete application, and I know the full content thereof. I declare that all of the information contained herein, and evidence or other documents submitted are true and correct. I understand that any falsification or misrepresentation of any item or response in this application, or any attachment, or documents to support this application, is sufficient grounds for denying or revoking a license/permit. I further understand that it is a Class A misdemeanor under Alaska Statute 11.56.210 to falsify an application and commit the crime of unsworn falsification. BPG

Brian Glasheen

Printed name of licensee

Signature of licensee

AUG 1 [illegible]

CSHOL MARIJUANA CONTROL OFFICE

STATE OF ALASKA

Alcohol and Marijuana Control Office
550 W 7th Avenue, Suite 1600
Anchorage, AK 99501
marijuana.licensing@alaska.gov
https://www.commerce.alaska.gov/web/amco
Phone: 907.269.0350

Alaska Marijuana Control Board

Form MJ-20: 2025-2026 Renewal Application Certifications

Why is this form needed?

This renewal application certifications form is required for all marijuana establishment license renewal applications. Each person signing an application for a marijuana establishment license must declare that he/she has read and is familiar with AS 17.38 and 3 AAC 306. A person other than a licensee may not have direct or indirect financial interest (as defined in 3 AAC 306.015(e)(1)) in the business for which a marijuana establishment license is issued, per 3 AAC 306.015(a).

RECEIVED
AUG 15 2025
ALCOHOL MARIJUANA CONTROL OFFICE
STATE OF ALASKA

This form must be completed and submitted to AMCO's Anchorage office by each licensee (as defined in 3 AAC 306.020(b)(2)) before any license renewal application will be considered complete.

Section 1 – Establishment Information

Enter information for the licensed establishment, as identified on the license application.

Licensee:	Good Vibes LLC	**License Number:**	30563		
License Type:	Retail				
Doing Business As:	Good Vibes Bethel				
Premises Address:	323 Chief Eddie Hoffman HWY				
City:	Bethel	**State:**	AK	**ZIP:**	99559

Section 2 – Individual Information

Enter information for the individual licensee who is completing this form.

Name:	Alex Wasierski
Title:	Co Owner

Section 3 – Violations & Charges

Read each line below, and then sign your initials in the box to the right of any applicable statements:	Initials
I certify that I have **not** been convicted of any criminal charge in the previous two calendar years.	AW
I certify that I have **not** committed any civil violation of AS 04, AS 17.38, or 3 AAC 306 in the previous two calendar years.	AW
I certify that a notice of violation has **not** been issued for this license between July 1, 2024, and June 30, 2025.	AW

Sign your initials to the following statement only if you are unable to certify one or more of the above statements:	Initials
I have attached a written explanation for why I cannot certify one or more of the above statements, which includes the type of violation or offense, as required under 3 AAC 306.035(b).	

Form MJ-20: 2025-2026 Renewal Application Certifications

Section 5 – Certifications

Read each line below, and then sign your initials in the box to the right of each statement: Initials

I certify that no person other than a licensee listed on my marijuana establishment license renewal application has a direct or indirect financial interest, as defined in 3 AAC 306.015(e)(1), in the business for which the marijuana establishment license has been issued. AW

I certify that I meet the residency requirement under AS 43.23 or I have submitted a residency exception affidavit (MJ-20a) along with this application. AW

I certify that this establishment complies with any applicable health, fire, safety, or tax statute, ordinance, regulation, or other law in the state. AW

I certify that the license is operated in accordance with the operating plan currently approved by the Marijuana Control Board. AW

I certify that I am operating in compliance with the Alaska Department of Labor and Workforce Development's laws and requirements pertaining to employees. AW

I certify that I have not violated any restrictions pertaining to this particular license type, and that this license has not been operated in violation of a condition or restriction imposed by the Marijuana Control Board. AW

Initial this box if you are submitting an original fingerprint card and the applicable fees to AMCO for AMCO to obtain criminal justice information and a national criminal history record required by AS 17.38.200 and 3 AAC 306.035(d). If I have multiple marijuana licenses being renewed, I understand one fingerprint card and fee will suffice for all marijuana licenses being renewed. ☐

If multiple licenses are held, list all license numbers below:

I hereby certify that I am the person herein named and subscribing to this application and that I have read the complete application, and I know the full content thereof. I declare that all of the information contained herein, and evidence or other documents submitted are true and correct. I understand that any falsification or misrepresentation of any item or response in this application, or any attachment, or documents to support this application, is sufficient grounds for denying or revoking a license/permit. I further understand that it is a Class A misdemeanor under Alaska Statute 11.56.210 to falsify an application and commit the crime of unsworn falsification. AW

Alex Wasierski
Printed name of licensee

Alex Wasierski Digitally signed by Alex Wasierski Date: 2025.08.14 18:25:48 -08'00'
Signature of licensee

RECEIVED
AUG 15 2025
ALCOHOL & MARIJUANA CONTROL OFFICE
STATE OF ALASKA

THE STATE of ALASKA
GOVERNOR MIKE DUNLEAVY

Department of Commerce, Community, and Economic Development

ALCOHOL & MARIJUANA CONTROL OFFICE
550 West 7th Avenue, Suite 1600
Anchorage, AK 99501
Main: 907.269.0350

November 14, 2025

Licensee: Good Vibes LLC
DBA: Good Vibes Bethel
VIA email: asbpg2@gmail.com
Local Government: Bethel
Via Email: lstrickler@cityofbethel.net; cityclerk@cityofbethel.net
Community Council:
Via Email:

BCC: amco.admin@alaska.gov

Re: Retail Marijuana Store License Combined Renewal Notice

License Number:	30563
License Type:	Retail Marijuana Store
Licensee:	Good Vibes LLC
Doing Business As:	Good Vibes Bethel
Physical Address:	323 Chief Eddie Hoffman Hwy Bethel, AK 99559
Designated Licensee:	Brian Glasheen JR
Phone Number:	907-545-1144
Email Address:	asbpg2@gmail.com

☒ **License Renewal Application** ☐ **Endorsement Renewal Application**

Dear Licensee:

After reviewing your renewal documents, AMCO staff has deemed the application complete for the purposes of 3 AAC 306.035(c).

Your application will now be sent electronically, in its entirety, to your local government, your community council (if your proposed premises is in Anchorage or certain locations in the Mat-Su Borough), and to any non-profit agencies who have requested notification of applications. The local government has 60 days to protest your application per 3 AAC 306.060.

At the May 15, 2017 Marijuana Control Board meeting, the board delegated to AMCO Director the authority to approve renewal applications. However, the board is required to consider this application

independently if you have been issued any notices of violation for this license, if your local government protests this application, or if a public objection to this application is received within 30 days of this notice under 3 AAC 306.065.

If AMCO staff determines that your application requires independent board consideration for any reason, you will be sent an email notification regarding your mandatory board appearance. Upon final approval, your 2025/2026 license will be provided to you during your annual inspection. If our office determines that an inspection is not necessary, the license will be mailed to you at the mailing address on file for your establishment.

Please feel free to contact us through the marijuana.licensing@alaska.gov email address if you have any questions.

Dear Local Government:

AMCO has received a complete renewal application and/or endorsement renewal application for a marijuana establishment within your jurisdiction. This notice is required under 3 AAC 306.035(c)(2). Application documents will be sent to you separately via ZendTo.

To protest the approval of this application pursuant to 3 AAC 306.060, you must furnish the director **and** the applicant with a clear and concise written statement of reasons for the protest within 60 days of the date of this notice, and provide AMCO proof of service of the protest upon the applicant.

3 AAC 306.060 states that the board will uphold a local government protest and deny an application for a marijuana establishment license unless the board finds that a protest by a local government is arbitrary, capricious, and unreasonable. If the protest is a "conditional protest" as defined in 3 AAC 306.060(d)(2) and the application otherwise meets all the criteria set forth by the regulations, the Marijuana Control Board may approve the license renewal, but require the applicant to show to the board's satisfaction that the requirements of the local government have been met before the director issues the license.

At the May 15, 2017, Marijuana Control Board meeting, the board delegated to AMCO Director the authority to approve renewal applications with no protests, objections, or notices of violation. However, if a timely protest or objection is filed for this application, or if any notices of violation have been issued for this license, the board will consider the application. In those situations, a temporary license will be issued pending board consideration.

If you have any questions, please email amco.localgovernmentonly@alaska.gov.

Sincerely,

Kevin Richard, Director
907-269-0350

City of Bethel, Alaska

November 5 - December 6, 2025

Public Safety & Emergency Response

Transit

- A transit bus was involved in a motor vehicle accident. Police and Medics responded; no passengers required medical care.
- Officers determined the City driver was not at fault.
- The driver completed all required post-incident drug and alcohol testing and will remain off-route until results are received. This may cause temporary transit delays.

Fire Department

- Engine No. 5 was temporarily taken out of service due to a jump-start attempt that caused equipment issues. The Vehicle & Equipment Division resolved the issue, and the engine has been returned to service.
- Personnel have been reminded to contact V&E for all mechanical concerns.

Emergency Response & Evacuees

- The City continues coordination with FEMA, the State, and local partners regarding Typhoon Halong evacuees.
- 296 evacuees remain in Bethel and are housed with 61 host households.
- A Thanksgiving community potluck for evacuees, host families, and volunteers was held at the Cultural Center in partnership with AVCP and KuC Library.
- Work continues on reimbursement documentation, utility support planning, and rental-assistance program development.

Police Department Community Engagement

- The Police Department continues robust community outreach, including:
- December craft fairs at the Cultural Center
- Coffee & Cocoa outreach event with AST participation
- “Shop With a Cop” holiday giving program, which has significant private-donation support
- Additional youth and community events occurring throughout December

citymanager@cityofbethel.net
907-543-1373

Police also supported recent school athletics events and continue multiagency coordination on missing-person cases.

2. Facilities, Utilities & Public Works

YK Fitness Center

- One boiler temporarily failed and was repaired.
- A three-phase power breaker issue required coordination with AVEC, and power has been restored.

Leveling Project (City Hall & Courthouse)

- City Hall leveling is nearing completion. Additional finish work, skirting, and gutter improvements will be needed in 2026 to maintain pad integrity.
- Courthouse leveling begins next.

Public Works Shop – Garage Door

- Warranty issues identified with a garage door installed earlier this year.
- The contractor has been notified and will inspect the installation. Should warranty obligations not be met, the vendor will be removed from the City's qualified list.

Abandoned & Junk Vehicle Program

- Since the ordinance update, 61 abandoned vehicles have been collected. Most remain staged for disposal.
- Staff are developing revised procedures and additional public education on updating vehicle registrations after sales.

Dust Control Report

- A draft dust-control report has been received and is under internal review.

3. Grants, Loans & Capital Funding

State Revolving Loan Fund (SRF)

The City received **exceptionally strong** results this quarter:

- $687,491 in new loan forgiveness awards
- Total forgiveness since October 2024 now stands at $5,575,000, significantly reducing long-term utility financial burdens.

Project-Specific Funding Updates

Bethel Heights Water Treatment Plant PER

- Request: $100,000
- Loan Forgiveness: $75,000
- Purpose: Evaluate pad/foundation conditions and assess energy-efficiency improvements.

Hauled Utility Operations Center

- Request: $30,000,000
- Loan Forgiveness: $612,491
- Funds will initiate early design work toward eventual replacement of the Public Works building.

Water Distribution Center Design

- Needed: $1.9M
- Current: $713,000
- Staff are pursuing additional funding and coordinating with VSW and DOWL to reduce design cost.

Other Grants

- Submission completed for a $200,000 trail connection grant (City Subdivision to Hospital).
- Received a $200,000 Alaska Community Foundation grant for flexible disaster-related community support—primarily addressing utility assistance for host households and rental aid for evacuees.
- Additional updates are available in the Grants Manager's monthly report.

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4. Capital Projects

YK Fitness Center Renovation

- Substantial completion achieved on October 26.
- Project remains on schedule; details included in the attached timeline.

Animal Control Facility

- Updated designs are under review with further revisions expected by February.
- Staff are working aggressively to reduce total project cost before materials need to be ordered for the summer barge.

Blue Sky Subdivision

- Final plat is nearly complete, pending signatures.
- Required open-space dedication has been secured following extensive coordination with the subdivider.

Pinky's Park Pedestrian Bridge

- A structural engineer task order is being developed after discovery of damaged piles.
- Staff are also pursuing grant funding for repairs.

Water & Sewer Expansion – Martina Oscar Subdivision

- Property owner outreach is nearly complete. Further engineering review is underway due to sewer-flow constraints and easement concerns.

SCADA Modernization

- Project scoping underway for remote monitoring upgrades at Bethel Heights and City Subdivision plants, with a target completion by 2027.

5. Finance & Administration

Finance

- FEMA reimbursement documentation remains a major workload as the City continues storm-related accounting and record-tracking.
- FEMA confirmed it will reimburse costs, not lost revenue, for utility and facility access.
- Additional training for finance staff is scheduled for December to advance proficiency in Caselle modules.

Ambulance Billing

- EMS billing delays were identified, and meetings with the third-party vendor have resumed to bring accounts current.
- Medicaid revalidation issues caused a lapse in reimbursement; corrective documentation has now been submitted.

Bids & Procurement

- Q2 Lift Station bid review is underway; only one bidder came in within the grant budget. Contract approval anticipated December 16.
- Classification & compensation study RFP closes December 11.
- Administration is currently performing Purchasing Agent duties during the vacancy.

citymanager@cityofbethel.net
907-543-1373

IT Security

- Increase in spoofed emails posing as City staff/officials.
- IT vendor is investigating; no compromise of internal systems identified.

6. Community Partnerships & Events

- Collaboration with Bethel Community Services Foundation to distribute food boxes to evacuee families.
- Coordination with AC, Q2, ONC, and others for the Police Department's community toy drive.
- Support provided for SWAAG's proposed America 250 youth/elder art project, with a City letter of support being prepared.
- City-hosted tree-lighting preparations are underway.

7. Personnel & Staffing

- Leadership transitions continue following recent department-head separations.
- Workload distribution is being adjusted until key positions are filled; recruitment is ongoing.
- One Finance Director applicant has submitted from Anchorage.
- Fire Department is hosting an EMT II class this month using in-house volunteer instructor resources.

8. Additional Updates

- River update report from BSAR has been received.
- Evacuee rental-assistance form and policy development are in progress.
- Bag donation shipment for evacuees is en route.

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907-543-1373

MEMORANDUM

DATE: December 1, 2025

TO: Lori Strickler, Acting City Manager

FROM: John Sargent, Grant Manager

SUBJECT: Grant Manager's Report for December 9, 2025 Bethel City Council Meeting

Grant Applications Submitted

Recreational Trails Grant

I prepared and submitted a Recreational Trails Grant to request $200,000 (maximum) to pay part of the cost of constructing the City Sub-YK Trail. The trail is a half-mile trail going from the City Subdivision snowmachine trail north of KUC dorms to the corner of the YKHC Primary Care Center parking lot. The gravel trail is expected to cost $674,958, which includes geotextile fabric, gravel, labor, installation of five pilings, some wooden boardwalk sections, and culverts.

Grant Applications in Preparation

Public Assistance

Met with FEMA group to discuss process for city to be reimbursed for expenditures related to the Typhoon Halong disaster. I am working with all department heads to see the nature and amounts of expenditures that city occurred to help evacuees and recover intracity costs. Only employee overtime is eligible for reimbursement.

EPA Grant for Removal of Derelict Vessels

The City is working on a Memorandum of Understanding with Joe Dale for the use of his property on the Kuskokwim River that would be conducive to cutting up one or more of the barges removed from Steamboat Slough and shipping the pieces downriver by barge. The City is close to being approved by EPA to start spending some of the funding prior to full approval once EPA reviews and approves the City's environmental review form response.

Alaska Community Transit Operations Grant FY 2027

The Alaska Community Transit Operations Grant for next year is due December 19, 2025. The City is planning to maintain its current operation schedule and personnel.

Transportation Alternatives Program

This grant is now open year-round for submissions. I will prepare an application for the trail project selected by the City Manager.

Grant Administration

Safety Action Plan

DOWL's transportation planners held a meeting with City administrators to move forward on preparing a Safety Action Plan that meets the federal Department of Transportation's requirements and will help the City be able to use the plan as a basis for requesting additional capital grant funds. Examples of likely recommendations are brighter streetlights, additional streetlights, and improved pedestrian pathways.

Alaska Council on the Arts

Lori and I met with Reyne Athanas to discuss her idea for a grant from the Alaska Council on the Arts. Reyne is preparing grant application to request funds to purchase disposable cameras to give to kids and encourage other photo submissions of pictures showcasing America on its 250th birthday. Reyne will turn it into a giant art exhibit. City will participate by supplying a judge or two, advertising, and general promotion.

Current Grants

See list on following pages.

City of Bethel Current Grants - November 2025

#	Grant	Amount	Expiration
1	**Coronavirus Capital Project (CCP) Fund**	$ 9,000,000	12/31/2026
	City of Bethel spent $3,336,771 of the grant funds thus far and has a balance of $5,663,229 left to spend. The grantor is using the new DCRA Grant Portal website to manage this grant.		
2	**Denali Commission Grant**	$ 500,000	9/30/2026
	Design and construction of Bethel Multiuse Community Center (gym, computer facilities).		
3	**CSP - DHSS FY 2025**	$ 242,311	6/30/2026
	City submitted a new grant budget to accommodate for the State's one-time grant reduction from $323,081 to $242,311 for FY 2026. The State also increased the City's match requirement, but the in-kind expenditures used to operate the Dispatch Center are more than enough to cover the match.		
4	**23SHSP-GY23 – Virtual Simulator & Fencing**	$ 268,000	9/30/2025
	Final Report for this grant in process.		
5	**Designated Legislative Grant** > **Dust Control**	$ 1,200,000	6/30/2029
	City of Bethel purchased one hydroseeder and hydroseed supplies. They were delivered.		
6	**State and Local Cybersecurity Grant Program (SLCGP)**	$ 75,000	12/31/2025
	The City of Bethel plans to hire a consultant to conduct a cybersecurity review of the City's IT network, equipment, software, and physical layout. The City plans to use recommendations in the plan as grant requests in a succeeding year.		
7	**VSW Capital Improvement Project Grant**	$ 13,860,000	
	DOWL completed the Design Analysis Report, the document done prior to the 35% design. The City was awarded $4,060,392 in additional funds to cover upcoming year expenses.		
8	**Last Frontier Housing Initiative**	$ 5,000,000	12/31/2026
	Ted Stinson with UrbanKNKT, LLC completed the low-income housing project. Kuqo Construction is finishing up sthe professional housing units they are constructing in City Center.		
9	**State Homeland Security Program Grant - SFY 25**	$ 9,000	9/30/2026
	This grant will cover the cost of paying a trainer to come to Bethel to teach ICS-300, an Incident Command System course for first responders and municipal administrators who may play a role in a major emergency situation.		
10	**Safe Streets 4 All Grant**	$ 52,800	11/8/2026
	The City of Bethel signed the grant agreement. City met with DOWL transportation planners to lay out a plan for development of safety action plan.		

11	**Justice Assistance Grant (JAG)**	$ 11,116	3/31/2026
	The City asked for an extension on this grant in order to complete the project with funds from a federal earmark for the same purpose. Senator Murkowski's office announced that the City's request for $70,000 was approved for this camera/card reader purchase. No JAG funds have been spent to date.		
12	**Energy Efficiency and Conservation Block Grant (EEBG)**	$ 75,220	9/30/2026
	Solar panel installation on YK Fitness Center. Project likely to begin once UIC begins construction of Bethel Community Center (gymnasium). Parks and Rec. Director assumed role of Project Manager for this grant.		
13	**Rasmuson Foundation Grant**	$ 250,000	1/31/2026
	This grant will cover part of the cost of constructing a new animal shelter in Bethel, once construction initiated.		
14	**Community Transit Operating Grant**	$ 184,131	6/30/2025
	Transit Manager Evon Fox manages the daily operation of the transit system, handles all purchases, and completes monthly billing summaries and quarterly reports. FY 26 grant began July 1, 2025 and will run until June 30, 2026.		
15	**QFC#2 Lift Station Improvements - SRF Loan /100% forgiven**	$ 975,000	TBD
	Required environmental review form and SHPO letter.		
16	**Bethel Heights Water Treatment Plant Automation - SRF Loan**	$ 1,418,000	TBD
	100% forgiven. Required environmental review form and SHPO letter.		
17	**City Subdivision Water Treatment Plant Automation - SRF Loan**	$ 1,369,000	TBD
	100% forgiven. Required environmental review form and SHPO letter.		
18	**Purchase of One Sewer Haul Truck - SRF loan /100% forgiven**	$ 315,009	TBD
	Loan agreement signed. Truck being ordered.		

Total $ 34,804,587

Kuskokwim Consortium Library

City Activity Report
July 1-October 30, 2025

KCL's mission is to improve the quality of life for all members of the community by meeting the cultural, recreational and informational needs of the University of Alaska's Kuskokwim Campus and the community of Bethel.

Some of our targeted outreach initiatives to improve the quality of life for all people include:

- Sponsoring the Dolly Parton Imagination Library through a partnership with Bethel Community Services Foundation.
- Literacy, research and educational outreach to organizations that serve youth/college students.
- One-on-one support with technology and forms.
- Outreach to the Bethel Housing Coalition, Bethel Winter House, and Food Bank to improve access to resources for marginalized members of the community, and sponsoring Project Homeless Connect events.

The library sponsors many programs and events throughout the year that connect the community to each other and provide informational, recreational and educational opportunities for the community. Here is a recap of our fiscal year so far.

Program updates:

Library Jesuit Volunteer: We did not have a JV from August until mid-October, and as a result were short staffed. We closed the library on Mondays temporarily to accommodate our staffing levels. Now that we are fully staffed again, we are open 41 hours a week and have adjusted our hours to better accommodate the community. Our new hours are:

Monday: 11-5
Tuesday: 11-7
Wednesday: 11-7
Thursday: 11-7
Friday: 12-6
Saturday: 11-4

Library/ Cultural Center security update:

Library staff met with the cultural center manager and SWAAG staff who lease the space for the gift shop. Now that it is getting colder we have seen a significant increase in the number of unhoused community members congregating in the library, hallways and bathrooms. This population has increased quite a bit in the last couple of years, and we struggle to serve the needs of this population while also equally serving the rest of the community. We have received quite a

few complaints from parents and community members who do not feel safe entering the building with so many people congregating in the entrances and hallways. To reduce this, we are no longer going to allow congregating in the hallways or eating in the building unless food is provided as part of an event. The library Alaska and Children's rooms will be reserved for kids and quiet study or people working on a laptop to ensure that there is a space for people to work. The library does not have enough seating to accommodate this entire population, but we cannot allow laying down on the floor in the library or hallway because it makes the space unwelcoming to everyone else, so this may mean that there will be times where people have to leave if there isn't room in the library.

The only solution to this issue is for Winter House to have daytime hours so that there is an option other than the library for people who just need a place to stay warm. Building staff contacted the Winter House Executive Director to ask them to put together a budget for what it will take to have day hours even if just for part of the winter. We would like to request that the city support this effort financially because it impacts the entire community. When that budget proposal is ready for council to review, we will ask community members who have complained to us to come and speak in People to be Heard about the importance of a daytime warming space for unhoused community members. We have a very small physical space in the library that does not reflect the demand on our services, and we are doing our best to make the most of the situation and serve the entire community as equally as we can with the resources at our disposal.

Statistics:

- Active Library Card holders: 3,843

Programs

37 total programs with 2034 in total attendance.

- **0-5:** 13 programs with 155 total attendance.
    - Weekly Toddler Time is a partnership with the VFW and YK Fitness Center
- **6-11:** 3 school visits with 39 total in attendance.
    - Due to restricted hours and staff, most programs moved to community/family programming. We are starting an afterschool adventures program every Tuesday from 4:30 to 6 p.m. now that we have our Jesuit Volunteer.
- **12-18:** 1 program with 19 in total attendance. We are partnering with TWC's TAAV organization to help bring teens into the library and we are doing outreach to schools to help gauge teen activities.
- **19+:** 4 programs with 66 in total attendance.
- **Family/Community:** 16 programs with 1755 in total attendance. It should be noted that these last 4 months include some of our most attended events/programs.

Program Highlights from July through October:

July:

- 5 Toddler Times were held at the cultural center, Pinky's Park, and at the Fitness Center.
- 5 day Artapalooza all ages activity with artist Jimmy Riordan.
- We co-hosted a Bethel Community Pride Celebration at the cultural center on June 11 with multiple community organizations. We had a book display, pizza, crafts and activities.

August

- 5 Toddler Times at the Fitness Center, Pinky's Park, and cultural center.
- We held our annual End of Summer Reading celebration which was a blast! We had a ton of great prizes for kids who read over the summer, a ton of games and participation from community partners, cake walks, a bounce house and a trampoline!
- We partnered with AVCP to screen the new David Attenborough documentary "Oceans" with a Native Foods potluck and discussion after the film.

September:

- We slow down with programming in September after a busy summer with programming.
- We partnered with Cooperative Extension to provide two days of CE workshops. We did a canning soup workshop, provided drop in pressure gauge testing and gardening Q&A, tested and inspected the library canning equipment, and did a family jam making workshop.

October:

- We held four Toddler Times at the library and fitness center.
- For Banned Books Week we screened the new documentary "The Librarians" about current book banning efforts happening across the country.
- We did a banned books table at Saturday Market and sold library hoodies to raise money for the library.
- We partnered with TWC to do a Domestic Violence Awareness Month activity and screening of "How to support a friend experiencing domestic violence" film, with pizza.
- We partner with the Bethel Actors Guild and Southwest Alaska Arts Group to screen "The Rocky Horror Picture Show" as an adult Halloween activity.
- We held our annual Trunk or Treat on Halloween at the cultural center with a lot of support from community partners including the Fire Department and Police Department.

Ongoing and upcoming projects:

- We are continuing to work on removing outdated books that haven't been checked out in 5 years from the non-fiction collection. We have a grant from the Rasmuson Foundation to update with more current materials.

- We started our monthly call-in radio show “Bethel Book Club” on KYUK in July to promote reading. We have had a blast with this!
- We are partnering with MagiKids to host a monthly card game program for children. They are providing materials for Magic the Gathering.
- We are in the planning stages of projects to digitize the Tundra Drums newspaper and the BRHS yearbooks.
- Circulation Projects:
    - Inventory of the collection (on hold until the nonfiction project is complete.)
    - Collection clarification project; updating material to match records and be more user friendly.
    - Billing Users. We began billing users for lost and damaged items but due to a backlog of not having done this for several years, we will be sending out massive bill notices to all users with an outstanding bill.

Community Parks & Recreation Report – November 2025
By: Dept. Director, Shane Iverson

YKFC Transition

- Catching up on finances, including expense reporting and corporate billing.
- Updated our status with American Red Cross as a training facility, including our new roster of instructors.

Programming & Services

- Continued shower and rec assistance for typhoon evacuees, in partnership with YK Lifesavers.
- Added a new intensive-needs GJE swim class, bi-weekly.
- We have resumed Red Cross level swim lessons including:
    - Preschool 1 & 2: 10 students
    - Youth 1-4: 8 students
    - Adult swim: 1 student
- Group Fitness: Cycling resumed.
- Group Fitness Survey received 76 responses. Check out the results below. We'll use this for future programming.
- Lifeguard training was cancelled: no participants.
- Reflective tape distribution in partnership with Winter house, and distribution plans at the school.

Dog Park

- Administration determined that a dog park is already an approved use of Riverview Park. No conditional use permit will be required. Next step: draft proposed ordinance for Council.

Facilities

- Spa is running as of Nov. 10 after new pump installation.
- We have maintained consistent Rec Swim hours all 6 days per week. BB season will present new schedule challenges.
- Spa UV light is not functioning. We have contacted professional assistance.

November Specials

- PFD Annual Membership Sale

Upcoming

- New morning fitness class based off survey results: 6:15AM
- BLS, Basic Life Support, (CPR, AED, Airway) training for non-lifeguard staff.
- Special Events: Tree Lighting Celebration,
- GJE to Begin weekly Rec Swim Dec 2025 – May 2025

PORT OF BETHEL

Post Office Box 1388
Bethel, Alaska 99559
Voice: 907-543-2310
Fax: 907-543-2311

To: Lori Strickler, City Manager

From: Edward Flores, Port Director

Subject: November 2025 Managers Report

- **Small Boat Harbor**
  With the Small Boat Harbor being closed. There has been little to no activity in the harbor besides clean up of the parking area for better snow removal in the off season. We are down to 9 vehicles in the harbor, we are tagging them to purchase a parking permit. The armour rock has been moved in front of the Harbor Park to allow access to the river from the City road.

- **City Dock/Beach 1/Petro Port**
  City Dock and Beach 1 have been quite as of late. We have one full time crew on the dock doing repairs to their boat. With freight being stored that will be removed over the winter time we are keeping the dock clear of snow usually on a weekly basis, or more if needed by weather. Driving paths are maintained between the boats.

- **Port Office**
  The port office is running well. We have no issues with building. Building Maintenance continues to do their morning checks on the building, with no problems. The Port Commission did not meet this last month due to no quorum. Our next scheduled meeting will be on December 15, 2025 at 7 p.m. we encourage the public to attend if they would like to know more about the Port.

- **Admin / misc.**
  Storage should be completed by the second week of the month, and billed out after it is all calculated. The last month we were able to move roughly a dozen boats from the small boat harbor across town to a fenced yard down by the petro port. These boats we believe that we have had the longest. And will be tracking down how long we have had them. Boats are being put on the pipes for the winter season. USACE has reached out to me about the letter we sent, we are working out a meeting time to talk about the project. This is the first interaction for this project. We are expecting it to be lengthy.

rector

William Arnold, Public Works

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warnold@cityofbethel.net

MEMORANDUM
DATE: 11.30.2025
TO: City Manager
FROM: Bill Arnold, Public Works Director
SUBJECT: Manager's Report – Public Works Department

Programs/Divisions

Hauled Utilities: Hauled Utilities will finish the month with all scheduled services and extra calls completed. Three drivers assisted utility maintenance with their tie in project. We have been tasked multiple times with assisting pipe utilities with residential lift stations. Currently we have 13 drivers. Staffing is impacted by PTO's and callouts and the rotation of the temporary drivers.

Utilities Maintenance: Replaced 5 grinder pumps. Drilled hole and attached valve to mainline behind jail. Team installed new pump at highway lift station. Read water meters utilizing digital information transfers. Flushed 11 Separate cleanouts on sewer line. Conducted 30 callouts for various repairs and adjustments to lift stations and control panels.

Property Maintenance:

Pool BuildingB36A5:B37A5:B36A5A5:B49	
3-Nov	**Brought tools for pump change**
4-Nov	**Work on pump**
5-Nov	**Finish up pump**
5-Nov	**Pick up and drop off old pump**

7-Nov	**Check heat to spa**
10-Nov	**work on accuator**
12-Nov	**clean and lube accuator**
13-Nov	**Trouble shoot #2 boiler**
22-Nov	**Boiler #1 off**
27-Nov	**Left door on Ramp entrance found open during morning rounds**
28-Nov	**power issue at the pool, boiler off & all heating units locked up NO HEAT!!**
29-Nov	**opened up heat for pool water heat.**
29-Nov	**air up pressure vessel to 12.5 lbs**
Chemical Storage Building	
26-Nov	**Turn on exterior lights**
Public Works Building	
6-Nov	**Work on south side door**
7-Nov	**Finish working on south side door**
10-Nov	**shovel snow**
13-Nov	**work on fire suppression system**
25-Nov	**grab step ladder from shop**
26-Nov	**uncrate compressor for fire supression system**
27-Nov	**turn down boiler temps to 170***
City Hall	
3-Nov	**shovel snow**
4-Nov	**Helped levelers**
6-Nov	**Move file cabnet for finance**
6-Nov	**shovel snow**
10-Nov	**shovel snow**
18-Nov	**drop off salt and a shovel to back deck**
24-Nov	**Fix ceiling tile**
24-Nov	**Look at AC unit**
25-Nov	**fix bathroom hinges**

25-Nov	**check mounted TVs in council chambers**
25-Nov	**check outside outlets**
26-Nov	**Fixed door latch for Kevins storage room**
Fire Department	
3-Nov	**fix cord cap**
Police Department	
4-Nov	Help Jon with lift station
10-Nov	shovel snow
21-Nov	Work on PD Shop boiler
25-Nov	work on PD shop boiler
26-Nov	Fix PD shop boiler
Utilities Maintenance	
17-Nov	Help Utility Maintenance heli coils
18-Nov	Help Utility Maintenance heli coils
19-Nov	Help Utility Maintenance heli coils
25-Nov	pick up cut off saw for Northern Contractors
20-Nov	Help Utility Maintenance heli coils
Bethel Heights Water Plant	
17-Nov	spread salt around building
City Sub Water Treatment Plant	
5-Nov	Check day tank
10-Nov	check exterior lights in front of building
Courthouse Building	
3-Nov	shovel snow
4-Nov	Lower flags
7-Nov	Work on actuator
7-Nov	shovel snow
10-Nov	shovel snow
13-Nov	adjust temps
14-Nov	put heater in front closet

17-Nov	ordered accuator valve body
18-Nov	filled salt(trash can)
21-Nov	Raise Flags
21-Nov	Work on actuator HU7
24-Nov	Shovel snow
25-Nov	Turned on heater for elevator shaft
27-Nov	Homeless at front of building charging their phone, told them to vacate the courthouse
30-Nov	Pump up boiler pressure
Transit Bus Building	
3-Nov	check garage door
24-Nov	Take pictures of garage door
25-Nov	measure broken spring for Alaska #1 Door
27-Nov	turn off bay unit heaters
29-Nov	turn on bay unit heaters
Port Office Building	
30-Nov	reset tekmar
Highway Lift Station	
10-Nov	pump up boilers
12-Nov	air up pressure vessel
Teen Center	
5-Nov	Check water to building
5-Nov	Check water to building
14-Nov	picked up insulation
21-Nov	Clean and replace nozzle on boiler
Dog Pound	
7-Nov	Prime boiler
10-Nov	work on boiler
14-Nov	call-out no heat
17-Nov	check fuel pump pressure
21-Nov	Work on water
21-Nov	Work on Boiler
29-Nov	Call-out No Heat
LandFill	
3-Nov	remove plug and reseal with tape on water tank
5-Nov	Look at water heater
5-Nov	Order a new water heater

21-Nov	Fix electrodes for heater in Recycle Building
24-Nov	Take pictures of garage door
25-Nov	measure broken spring for Alaska #1 Door
Play Parks in General	
x10 Parks	
Cemetery Airport	
4-Nov	Lower flags
7-Nov	Help[Jim get plywood from shed
13-Nov	purchase and drop off 6 foot ladder
21-Nov	Raise Flags
Cemetery City Sub	
4-Nov	Lower flags
21-Nov	Raise Flasgs
All City Buildings	
1-Nov	Building checks
2-Nov	Building checks
3-Nov	Building checks
4-Nov	Building checks
5-Nov	Building checks
6-Nov	Building checks
7-Nov	Building checks
8-Nov	Building checks
9-Nov	Building checks
10-Nov	Building checks
11-Nov	Building checks
12-Nov	Building checks
13-Nov	Building checks
14-Nov	Building checks
15-Nov	Building checks
16-Nov	Building checks
17-Nov	Building checks
18-Nov	Building checks
19-Nov	Building checks
20-Nov	Building checks
21-Nov	Building checks
22-Nov	Building checks

23-Nov	Building checks
24-Nov	Building checks
25-Nov	Building checks
26-Nov	Building checks
27-Nov	Building checks
28-Nov	Building checks
29-Nov	Building checks
30-Nov	Building checks

Road Maintenance: Scrape sand Scrape sand business as usual.

Vehicles and Equipment: As usual fixing, repairing and servicing vehicles as needed vehicles and equipment.

Transit System:
With 4 weeks for the month Transit was busy as usual with ridership. The following are the numbers for October; 830 Elders, 8 Youth, 109 Adults, 75 Disabled, and 1,026 Pass riders. 67 Day and 16 Month Passes were purchased making the total fares for the month to $981.00.
TS 1 logged 2,303 miles and 311.469 gallons of fuel.
TS 2 was utilized by U.S. Army Air Guard for the disaster transport from 21 OCT through 24 NOV 25 and logged 1,687 miles.

Landfill & Hauled Refuse:
Hauled refuse brought 74 loads of trash to the landfill in November. The landfill received 4 loads of trash from misc. city trucks, 136 loads of trash from private citizens, and 969 cubic yards of trash from commercial accounts.
The landfill received 15 units with freon that had to be removed before disposing of them. The landfill also received a dump truck for disposal.
Between Saturday November 8th and Sunday November 9th somebody ran into the entrance gate at the landfill on November 24th the pickup at the landfill was broken into with various tools and equipment stole out of it, both incidents have been reported to the police.

The Landfill is still seeking a landfill technician with a CDL license.

Staffing Issues/Concerns/Training:

CITY OF BETHEL

Post Office Box 1388
Bethel, Alaska 99559
Phone: 907-543-2047

DATE: November 30, 2025

TO: City Manager
FROM: Human Resources
SUBJECT: Monthly Manager Report

The following addresses significant projects that were in addition to general personnel action-based activities during the week (hiring, terminations, benefits review, employee support, etc):

Recruitment and Hiring

The City received 42 applications during the month of November.

Of the total, the City received 5 applications for General Laborer. The seasonal position was an effort to assist evacuees with temporary work assisting the City in preparing for winter. The City did not hire any of the candidates and the announcement was removed from the web site.

Following City Council's approval of the budget amendment, new positions were refined and posted. The Support Services Manager and Administrative Lieutenant positions have been filled internally. The Deputy Directors – Police and Fire are posted and interviews will take place near the end of the year. The additional Dispatcher position remains open, with qualified candidates currently being vetted to fill the vacancy.

Policies, Training and Handbook

Required annual training on HR topics will continue through this month. The Handbook update is pending City Manager review. Once approved, the document will be provided to all City employees, who will be required to acknowledge receipt and understanding.

Workplace Safety, Injuries and OSHA Notifications

Two workplace injuries were reported during the month. Neither required immediate OSHA notification. In addition, one claim remains outstanding (no claim number or determination) and another claim was controverted due to the employee's failure to respond to requests for more information.

Ongoing and Future Projects

- Updating classification and compensation data. RFP submission window closes on December 11, 2025
- Review of current CBA and preparation for 2026 negotiations

City of Bethel

Finance Department

Manager's Report for November 2025

Date: 12/8/2025

To: Lori Strickler, City Manager

From: Cynthia Sharp, Deputy Finance Director

Subject: Management Report:

Current Events within the Finance Department

Utility Billing and Front desk: Anjelika, our new front desk clerk, is doing a great job. She has become very proficient at the job in a very short time.

Sales tax has been busy getting all the businesses up to date and current with their filings, sending out notices to all the businesses that have expiring Sales Tax Certificates.

FY24 Audit is in process. This will be finished in January 2026. We will start the FY25 audit as soon as this is done.

I am in the process of getting the GL updated.

Payroll: Payroll is busy with end of Calendar year adjustments to prepare W-2's.

Accounts Payable: Jocelyn is learning very quickly and doing a great job.

Open positions:

Finance Director

Finance Committee

. The Finance Committee met on 11/19/2025

Reviewed Ordinance Amending BMC Code 13.08, Sewer Services, Delinquent Accounts and Ordinance 25-xx Bundling Sales tax transactions.

MONTHLY REPORT
November 2025

POLICE

Personnel:

Current Staffing			
Position	**Allocated**	**Staffed**	**Vacant**
Community Safety Patrol	**2**	**2**	**0**
Community Service Officer	**2**	**1**	**1**
Evidence and Record Custodian	**1**	**1**	**0**
Administrative Assistant/Taxi Inspector	**1**	**1**	**0**
Dispatcher	**6**	**5**	**1**
Dispatch Supervisor	**1**	**1**	**0**
Command Personnel	**2**	**1**	**1**
School Resource Officer	**1**	**0**	**1**
Peace Officers	**17**	**17**	**0**
Support Services Manager	**1**	**0**	**1**

Police Officer vacant positions are the school resource officer, and 2 officers are in the background process for hiring.

3 Sergeant vacancies were filled with promotions of the following:
Robert Saulers
David James
William Charles

One dispatcher has been hired, and one is in background to begin training in December.

2 personnel are attending the Police Academy in Fairbanks with graduation at the end of January 2026.

4 personnel are attending the reciprocal academy in Sitka in November 28 through December 13th.

Hired 2 CSO's One beginning In November and one in December/January.

Operations:

CITY OF BETHEL
POLICE/FIRE
DEPARTMENT OF PUBLIC SAFETY

	October 2025	November 2025	Difference	Year to Date
Calls	**1170**	**884**	**-286**	**11225**
Assault	**42**	**29**	**-13**	**533**
Intoxicated Pedestrian Calls	**198**	**165**	**-33**	**1955**
Driving Under Influence Calls	**14**	**5**	**-9**	**151**
Domestic Violence Calls	**17**	**12**	**-5**	**141**
Animal Calls	**19**	**15**	**-4**	**267**
Animal Bite Reports	**2**	**0**	**-2**	**11**
Sexual Crime Reports	**4**	**2**	**-2**	**65**
Death Investigation Reports	**1**	**0**	**-1**	**6**
Traffic Accidents	**11**	**24**	**+13**	**124**

Assignments:

Deputy Chief/Acting Chief Jeff Kirkham was appointed as the Director of Public Safety.

Officer Dylan Floyd-Bates on FMLA

PSD Pam Hare on FLMA

Community Outreach:

Police representatives along with Chief Kirkham attended Saturday Market.

Police personnel assisted the VFW Auxiliary with their turkey distribution for Thanksgiving.

Chief Kirkham attended "Coffee with KYUK" introducing himself and events the department was actively participating in.

VFW provided funds to assist with Bethel Police Shop with a COP program and Patrol Santa program. Donation boxes were distributed for community toy collections.

Donations for toy drive obtained from AVCP Housing Authority and Q2.

Attended High School Wrestling Tournament with welcome of wrestlers to Bethel.

KYUK Chief interview about community projects and strategic planning.

Follow up meetings with Rose Dominic to discuss law enforcement curriculum for Bethel Police Department personnel attending cultural training.

VETERANS OF FOREIGN WARS
ROBERT V LINDSEY
POST # 10041
BETHEL ALASKA

November Calls

Total calls 151
Fire Calls: 18
EMS Calls: 140

Most fire calls were lockouts both car and house and false alarms made up most fire calls.

One Notable Fire Call

On 11-14-2025 at 05:07 AM, Firefighters responded to the report of visible smoke and flames with no confirmed location. Firefighters arrived at a single story abandoned residential property, observed smoke and flames on arrival. Defensive fire suppression was initiated, and additional fire personnel were requested. The fire was extinguished; no injuries or victims were noted. Complete salvage and overhaul was performed. The area was marked with caution tape, and the public is advised not to enter the area. Engine 5 returned to service.

Notable EMS Calls

On 11-05-2025 at 07:40 PM, Medics and Rescue personnel responded to the report of a person that had fallen through the ice on the river. Ice water rescue was initiated. Patient was assessed, treated for hypothermia, and transported to the hospital.
On 11-04-2025 at 11:10 AM, Medics responded to the report of a person not breathing. Medical Direction was contacted and advised of DNR/Advanced Directives as per the patient's wishes. The patient was transported to the morgue.
Sobering Center calls: 3

Winter House calls: 3

Staffing

Career Staffing. 10 out of 10 positions

Volunteering staffing. 35 volunteers

Training: Every Tuesday the department has training at 6 p.m. Additional training including EMT-2 class that is wrapping up the week of the 1st of December.

City of Bethel

December 1, 2025

FROM: Planning Director
TO: Lori Strickler, City Manager
SUBJ: Planning Director's November 2025 Report

November 2025 Events

- **Planning Commission:** I notified the Commission that I would not be present due to a family commitment. Nuisance properties were the only agenda items for discussion.

- **YK Fitness Center Gym Expansion:** The project is on hold until December 2025 or January 2026 when pole drilling will commence.

- **Database Tracking Table:**

Residential Site Plan Permits	Received this Month 0	Total Received for Year 40	Total Approved for Year 40
Commercial Site Plan Permits	**0**	**11**	**11**
Conditional Use Permits	**0**	**3**	**2** **1 Withdrawn**
Variances	**0**	**0**	**0**
Zoning Amendments	**0**	**1**	**1**
Plats	**1 Replat**	**4**	**4**

Summary Statement: The nuisance property spreadsheet is a dynamic document that is continuously updated.

- **Abandoned and/or Junk Vehicles:** On November 14, 2025, a Team Meeting was held to discuss the process and procedures going forward with the removal of junk vehicles. With respect to the 410 Owl Street property, all the junk vehicles dumped there were not by the property owner. Planning sent a certified letter to the property owner in Billings, Montana, with a release form allowing the City to access the property to remove the vehicles. Photos were also provided, and the owner was told that he would bear the cost of removal. Copies of the letter and enclosures were provided to the City Manager and City Attorney.

- **Vacancies:** Fully staffed.

Other Events:

1. **AC Store:** Illegal parking continues to be a major traffic problem. Signs have been posted in the No Parking area, but some individuals continue to ignore the signs. One of the entrances has been blocked off and a Bethel resident called Planning because they are worried about a fire hazard. Pauline called the State Fire Marshall and he requested photos and will send them to the Investigation Department.

2. **BNC:** Pauline and I met with Ana Hoffman on November 24, 2025, to discuss a proposed plan for building condominiums. She is hoping to fast-track this project at the next BNC Board Meeting. The intended site is zoned PLI so a Conditional Use Permit will be needed.

Large Projects:

1. **Ptarmigan Street Encroachments:** The Middlebrook building encroaching on the City's ROW has been moved. The septic tank belonging to the building will be moved after Spring thaw. KYKD Radio's septic tank and arm attachment will also need to be moved out of the ROW in the Spring.

2. **Ptarmigan Street Culvert Replacement:** Project slated for completion in 2026.

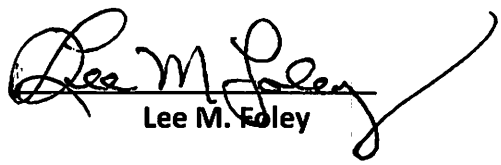
3. **City of Bethel Professional Housing Project:** No recent photos.

4. **Hazard Mitigation Plan:** The City Team met on October 12, 2025, to review the LHMP spreadsheet data. Hazards to be mitigated were discussed fully and the updated information was provided to AECOM who is coordinating and preparing the update for the City. It is anticipated that the Plan will be ready for internal review in January 2026 followed by a public review.

5. **Map Highlighting All City-Owned Properties:** This Planning project is ongoing.

6. **Nuisance Abatement:** Properties at 1119 Naun Raq, 455 Ridgecrest Drive, and 410 Owl Street have been identified for submission to the Planning Commission recommending they be sent to the City Manager for consideration as properties for a future Abatement Hearing.

7. **Blue Sky Replat:** The replat has been updated to dedicate all utility and drainage easements and Tract H. All open spaces within the subdivision are also noted. Planning notified the surveyor to have his client remit the $200.00 fee and Planning will submit the application.



Lee M. Foley

City of Bethel, Alaska

City Clerk's Office

Upcoming Meetings

December 16, (3rd Tuesday) Regular City Council Meeting 6:30 pm
January 13, 2026 Regular City Council Meeting 6:30 pm
January 27, 2026 Regular City Council Meeting 6:30 pm

Note: Due to the holiday season, there is only one Regular City Council meeting scheduled in December.

City Clerk's Office

- Arranging Council travel to Anchorage for the Alaska Municipal League Annual Conference and Newly Elected Official training.
- City Clerk was on PTO from November 14-22, 2025, December 5, 2025.
- City Clerk will be on PTO December 24-26, and December 31-January 2nd.
- City Clerk attended the Alaska Association of Municipal Clerks Conference in Anchorage from December 7-9, 2025. The Clerk took part in an Election Presentation.
- KYUK is producing 6 PSA Videos to promote City Programs.
- On November 14, 2025, the Clerk's Office received notice of a retail marijuana store license renewal application for Good Vibes LLC, located at 323 Chief Eddie Hoffman Highway, Bethel, AK 99559. In accordance with BMC 5.10, the application documents along with the City Manager's review statement will be provided to the City Council at the December 16, 2025 Regular City Council Meeting. If a council member wishes to protest the renewal, my office must provide the applicant with notice of opportunity to defend, at least seven days before the council's consideration of the protest. The City Council will have until January 12, 2025, to submit a protest of the license.
-City Clerk attended a records training online hosted by Division of Community and Regional Affairs.

Task	Period Total	Year to Date Total
Passport Appointments	2	119
Burial Permits/Reservations	-	45
Notary Services	1	35
Meeting Minutes Drafted	1	28
Resolutions Drafted	-	8
Ordinances Drafted	-	3
AM/IM/Proclamation Drafted	2	23

Committee/Commission Vacancies	**Regular**	**Alternate**
Community Parks and Recreation Committee	full	2
Planning Commission	full	1

cityclerk@cityofbethel.net
907-543-1384

Port Commission	1	2
Public Safety and Transportation Commission	1	2
Community Action Grant Technical Review Board	1	2
Public Works Committee	3	2
Finance Committee	1	2
Ethics Board	4	1

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