



CITY OF NORTH POLE  
Regular Meeting  
March 7, 2022  
North Pole Council Chambers  
125 Snowman Lane, North Pole, Alaska  
[www.northpolealaska.com](http://www.northpolealaska.com)

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Monday, March 7, 2022  
Committee of the Whole: 6:30 PM  
Regular City Council Meeting: 7:00 PM

**MAYOR**

Michael Welch  
907-488-8584

**CITY CLERK**

Melissa Dionne  
907-488-8583

**COUNCIL MEMBERS**

Santa Claus – Mayor Pro Tem	907-388-3836
DeJohn Cromer – Deputy Mayor Pro Tem	907-347-2808
Aino Welch – Alt. Deputy Mayor Pro Tem	907-488-5834
David Skipps	907-750-5106
Anton Keller	907-987-2548
Jeffrey Jacobson	907-460-7733

1. Call to Order/Roll Call
2. Pledge of Allegiance
3. Invocation
4. Approval of Agenda
5. Approval of the Minutes from 02/22/2022
6. Communications from the Mayor
  - Oath of Office for Councilman Jeffery J Jacobson.
7. Council Members Questions of the Mayor
8. Communications from Department Heads, Borough Representative, and the City Clerk
9. Ongoing Projects Report
10. Citizens Comments (Limited to five (5) minutes per Citizen)
11. **Old Business:**

- a. Ordinance 22-04, An Ordinance of the City of North Pole to Fund Preliminary Investigations and Design for the Replacement of Steel Water Mains
- b. Ordinance 22-05, An Ordinance of the City of North Pole to Fund Updating the North Pole Utility Water and Sewer Standards of Construction
- c. Ordinance 22-06, An Ordinance of the City of North Pole to Fund Preliminary Assessment and Design for the Remodel of the Old Water Treatment Plant as Office Space for the City Services Departments

#### **12. New Business:**

- a. Ordinance 22-07, An Ordinance of the City of North Pole to Amend the 2022 Operating Budget to Award the 2022 Snow Hauling Bid.
- b. Request to Purchase a 2022 Wheeled Coach Ambulance from Rocky Mountain Emergency Vehicles.
- c. Resolution 22-08, A Resolution of the City of North Pole in Support of Alaska Industrial Development Export Authority (AIDEA) to Identify Lands for Development.

#### **13. Council Comments**

#### **14. Adjournment**

#### How to Offer Public Testimony at Council Meetings

**Written testimony** is encouraged. You may submit your comments by calling the Clerk's Office at 907-488-8583 or by sending an email to [MDionne@northpolealaska.org](mailto:MDionne@northpolealaska.org) prior to 1:00 p.m. the day of the meeting. Please indicate which agenda item you are providing written testimony for. Examples: Ordinance or Resolution number, agenda item#, or description of subject.

To sign-up for **telephonic testimony** call the Clerk's Office at 907-488-8583 or email [MDionne@northpolealaska.org](mailto:MDionne@northpolealaska.org) prior to 1:00 p.m. the day of the meeting. Please indicate that you wished to be called, for what item you will provide testimony on, and what number you can be reached at.

All NPCC meetings are held virtually. If you would like to attend the meeting, please contact the Clerk's Office at 907-488-8583 or email at [MDionne@northpolealaska.org](mailto:MDionne@northpolealaska.org) for the link.

Inquiries concerning ADA compliance or accommodations should be directed to the City Clerk.



Committee of the Whole – 6:30 P.M.  
Regular City Council Meeting – 7:00 P.M.

A regular meeting of the North Pole City Council was held on Monday, February 22, 2022, via Zoom.

**CALL TO ORDER/ROLL CALL**

Mayor Welch called the regular City Council meeting of Monday, February 22, 2022, to order at 7:00 p.m.

**Present:**

Michael Welch – Mayor  
Santa Claus - Mayor Pro Tem  
DeJohn Cromer - Deputy Mayor Pro Tem  
Aino Welch – Alternate Deputy Mayor Pro Tem  
Anton Keller  
David Skippis

**PLEDGE OF ALLEGIANCE TO THE U.S. FLAG**

Led by Melissa Dionne

**INVOCATION**

Given by Ms. Welch

**APPROVAL OF AGENDA**

Mr. Claus *moved to* approve the agenda of February 22, 2022

Seconded *by* Ms. Welch

Mr. Claus *moved to* amend the agenda of February 22, 2022 to consent the following items:

**Old Business:**

- a. Ordinance 22-01, An Ordinance of the City of North Pole, Alaska, Amending the Travel Reimbursement and Per Diem for City Employees and Council
- b. Ordinance 22-02, An Ordinance of the City of North Pole, Alaska, to Amend Title 15, Building and Construction
- c. Ordinance 22-03, An Ordinance of the City of North Pole, Alaska, to Purchase Loaders for the Utility and Public Works Dept. and a Skid Steer for the Public Works Dept.

**New Business:**

- a. Ordinance 22-04, An Ordinance of the City of North Pole to Fund Preliminary Investigations and Design for the Replacement of Steel Water Mains

- b. Ordinance 22-05, An Ordinance of the City of North Pole to Fund Updating the North Pole Utility Water and Sewer Standards of Construction
- c. Ordinance 22-06, An Ordinance of the City of North Pole to Fund Preliminary Assessment and Design for the Remodel of the Old Water Treatment Plant as Office Space for the City Services Departments
- d. NFPD Request to Purchase Radios

Seconded *by* Ms. Welch

### On the amendments

#### DISCUSSION

None

#### PASSED

Yes: 7 – A. Welch, Claus, Keller, Cromer, Skipps, Welch

No: 0

### On the agenda as amended

#### DISCUSSION

None

#### PASSED

Yes: 7 – A. Welch, Claus, Keller, Cromer, Skipps, Welch

No: 0

### APPROVAL OF MINUTES

Mr. Claus *moved* to approve the minutes from the 2/7/22 meeting

Seconded *by* Mr. Skipps

#### DISCUSSION

None

#### PASSED

Yes: 7 – A. Welch, Claus, Keller, Cromer, Skipps, Welch

No: 0

### COMMUNICATIONS FROM THE MAYOR

- The Mayor read the proclamation for Vincent Hooper, the February NP High School Student of the Month.
- Mayor Welch said that he has had a busy last 2 weeks. On Saturday, 2/19, we interviewed 4 applicants for the Director of City Services position. The interview team consisted of the Mayor, Bill Butler, Brent Sheets (as a technical advisor), Aino Welch and the City Clerk, Melissa Dionne. Mr. Sheets and Mr. Butler sent him great feed back after the interviews. On Presidents Day, the Mayor and the City Clerk, Melissa Dionne, met to interview 2 applicants for the HR position for the city. He said that it is going to be a very tough decision, as both applicants were strong. The number one applicant for the Director of City Services position and both HR applicants were forwarded to the police detective to begin their background checks.

- Before the Mayor was out with COVID he presented to the emergency operations center what he could regarding the city's issues with the excessive snow and ice. They came back to him with more questions, and he said that he doesn't think that the State and FEMA are going to come back any significant amount of money to help the city deal with the situation. According to the weather forecasters we are set to get more than the normal amount of snow in March and April then normal as well. The probability of flooding occurring within the city is very likely because of all of this. The city is currently taking bids on the snow removal and those sealed bids will be opened on Friday by Mr. Butler.
- The Mayor shared that he had a scary incident going to the CEDS conference at the Westmark earlier today and ran off the road and ended up in a snowdrift. He thanked Chief Heineken for sending Cpt. McGilvery to get him out.
- He has half an hour late due to that, but he did make it to the Comprehensive Economic Development Survey conference that the borough is putting on. He took part this morning with energy ideas and this afternoon with tourism. He will be there tomorrow as well.
- He has been in touch with AIDA, they would like the mayor to support them with a city resolution supporting their plan to come in a put in water and sewer for the future housing expansions in the city.
- The Mayor recognized the City Clerk, Melissa Dionne's passing of her probationary period.

### COUNCIL MEMBER QUESTIONS OF THE MAYOR

- No Questions

### COMMUNICATIONS FROM DEPARTMENT HEADS, BOROUGH REPRESENTATIVE AND THE CITY CLERK

#### Police Department, Chief Dutra

- Chief Dutra was out tonight and Lt. Lindhag filled in for him.
- Officer Dykeman just came back from the 3 week re-cert academy in Sitka. He is a lateral hire from out of the state and Lt. Lindhag said that the training went well.
- They have a few officers that will be attending trainings over the next couple of months. Because of COVID there have been many more training opportunities online making it much easier for Officers to attend and saves a lot of money on travel.
- The department is still working on filling the 2 open positions. They have a few laterals from out state interested in the positions and they are working on finishing up some testing and the required paperwork.
- There was no hot water in the new addition again today and the repair workers will be back to work on that so that hopefully they can solve the problem soon. On a good note, the sewer is not backing up anymore, hopefully that has been fixed.
- Lt. Lindhag warned everyone to please be careful on the roads. They have seen a lot of people driving much too fast for the road conditions. He reminded everyone to drive defensively and be safe.

The Mayor said that he talked to the State DOT twice today about getting sand down on the roads in the NP area. And that they said they would be working on that later in the week. He told Lt. Lindhag that when our new HR person gets all trained that it is anticipated that they will be doing a lot of recruitment and outreach for all the city departments.

### Fire Department, Chief Heineken

- North Pole Fire Department is happy to announce Demetrios Rasis has accepted the open firefighter position. Demetri comes to us from Chena Goldstream Fire and Rescue, he is a new paramedic and will be a welcomed addition to our staff.
- The top two candidates for the Operations/Training position will be interviewed this Thursday February 24<sup>th</sup>. Both candidates are highly qualified, we anticipate making a formal job offer early next week.
- As the interior continues to receive regular snow fall the fire department would like to remind everyone snow loads on buildings may become dangerous. If you suspect a building is compromised, we recommend evacuating until snow loads can be removed and the building evaluated and determined to be safe.
- The road conditions around North Pole and Fairbanks areas are in constant change due to the weather. Some areas have had ice and snow removed, while other areas are still more hazardous for travel. Please drive safely and be prepared for changing road conditions.

Mayor Welch asked the Chief to share the information that he had with the Design Alaska designs for the future expansion of the fire station.

- Chief Heineken said that he would love to share the concept and plans with the Council. The design is broken into phases, so that as funding become available the expansion can be done a piece at a time. The Chief said the entire dollar amount is about \$10 million if we started the build now. The longer that we wait to start the project, the more the prices are going to go up.

Mayor Welch asked the Chief to forward those designs to the clerk so that they could be forwarded to the Council.

### Director of City Services, Bill Butler

- Mr. Butler apologized for not have something sent to the Council ahead of time, he was hoping that things would slow down a little and they just have not.

### Building Department

- There has been quite a lot of activity for so early. Petro Star is doing some upgrades for the incoming F35's.
- We have received 6 residential plans for a plan review.
- As far as the Stepping Stones/Eagle Estates development agreement the plan reviewer gave comments and all the comments were responded to and accepted. All the signatures have been gotten and the Bond has been approved. They are ready to go as soon as the ground thaws. The development includes wastewater and that is a revenue that the city needs.

### Public Works

- Has been just keeping up with the snow, keeping the sidewalks clear. Just today we had another 6 inches.
- The invitation to bid for the snow hauling from the city will be looked at on Friday. Since the bid was put out it has snowed twice, so there is more snow now out there. They had 6 active contractors that asked for the bid packet. He reminded the Council that if the weather warms up fast this year it is going to be a bad situation for the city. The contractors are going to start uncovering the major culverts in the city to get them as prepared as they can for the snow as it starts melting.

### Utility

- About 10 days ago the heat exchanger for the pumping unit on the jet back truck failed. They couldn't use

if for the routine dump of wastewater down the manholes to keep them open. They ordered the new part and it arrived, but they needed to get it installed.

#### Moose Creek

- The major things are just the tweaks to the system. Testing is being done and worked out.
- The remaining action close out report is the one thing that still needs to be done, it is a very detailed report because it was a contaminated site.
- There are about a dozen houses that could still be connected but they did not meet the timeline and requirements. Some of the houses didn't have permanent heat or power. He feels about 6 of these houses will come on board in the spring.
- They still need to finish the resurfacing of the roads and must haul away soil still.

The Mayor asked Mr. Butler if he was available later this week to show the person identified for Mr. Butler's replacement around the City and introduce him to the crews.

The Council members offered well wishes to Mr. Butler in his retirement and thanked him for his service to the city.

#### Finance, Tricia Fogarty

- Ms. Fogarty is just back from her vacation, today was her first day back.
- She thanked Michelle Peede for all her hard work while she was out and for working with Mr. Butler on the fiscal notes for his ordonnances tonight.
- Ms. Fogarty told the Council that she sent financials out to everyone for the meeting tonight. They are through December, and she warned them that the numbers will be changing still as we continue to close out the last year. The sales tax numbers are off by about \$80,000, she just got those numbers in. She said the city had quite a few more revenues then were anticipated.
- FY 21 will be cut off soon and they will begin working on the audit.

The Mayor asked what the additional revenues were from.

- Ms. Fogarty said that the income from alcohol tax was up, the tobacco tax when down quiet a bit. Online sales tax was a new thing for the city. They are a few months behind in getting that money to us. Already we have taken in over \$150,000 more then anticipated.

Mayor Welch asked Ms. Fogarty to talk about how the city is set collateral wise and asked her to explain that to the Council.

- Ms. Fogarty responded that we tell the bank how much we anticipate that we will have in our accounts, and that right now we are over collateralized because the Moose Creek project has fluctuated so much. She said that it does not cost the city any more or any less for the collateralization. It is something that the bank pays a third party to cover our money over the FDIC limit. She said that right now we have about 4 million in our account.

Ms. Welch asked Ms. Fogarty why we had so much in our account with the bank over putting it with AML.

- Ms. Fogarty responded that we are earning a lot more interest with the bank right now. IN the beginning AML was the better deal, but since COVID hit the bank is giving us a better deal.

Mr. Keller asked about sales taxes and if the City had had people requesting refunds on the sales taxes.

- Ms. Fogarty said that yes, we have. The sales taxes are collected by the State. She said that the form is pretty simple, but since the City has an \$11 cap on sales tax she doesn't know how motivated people are to do the paperwork. Unfortunately, people who live outside the City but have PO boxes at the post office are being charged sales taxes, and that is something that we have to deal with.

Ms. Welch asked if we were being sent the money from these companies that are charging the taxes.

- Ms. Fogarty said its tough. We really don't know. The State of Alaska is the one who collects the taxes so we really don't know.

#### Borough Representative

- Ms. Welch said that there was a borough meeting and there was a lot of public comments. There were many people who spoke against having the mining trucks on the roads in the borough. They did not take any action on it at that meeting.
- She said as far as NP goes the ordinance giving builders tax abatements for new construction in the borough did go through many amendments, but it was passed.
- There is another borough meeting later this week.

#### City Clerk's Office, Melissa Dionne

- Ms. Dionne gave an update on the trainings that she has been working on. She is doing an upcoming Ethics training and a Mastering the Media class.
- She reminded the Council that she will be on vacation until the next Council meeting. Ms. Fogarty will be working on the agenda in her absence and that Melanie Swanson will be sending out the packet and getting it up on the website.
- She gave a recap on the interviews that took place this weekend. She said that she was very excited about the HR applicants and feels that they are both strong candidates.

Mr. Cromer asked about his city laptop and asked that we send him an email/text

#### ON GOING PROJECTS

- The introduced former mayor Jeff Jacobson to the Council. His resume and letter of intent were included in the council packet.

#### APPROVAL OF JEFF JACOBSON TO THE VACANT COUNCIL SEAT

Mr. Claus *moved* to approve Jeff Jacobson to the NPCC by unanimous consent

Seconded by Ms. Welch

#### DISCUSSION

None

**PASSED**

Yes: 7 – A. Welch, Claus, Keller, Cromer, Skipps, Welch

**CITIZENS COMMENTS – (Limited to Five (5) minutes per Citizen)**

- None

**NEW BUSINESS**

- None

**COUNCIL COMMENTS**

- Mr. Keller welcomed Mr. Jacobson aboard to the Council. He said that he is looking forward to how the Council is coming together to help the citizens of the city.
- Mr. Claus thanked Mr. Keller for removing the abandoned hospital bed that was in the road by the transfer site.
- Mr. Cromer welcomed Mr. Jacobson as well and said he was looking forward to working with him.
- Mr. Skipps also welcomed Mr. Jacobson and wished Mr. Butler a happy retirement.
- Ms. Welch said that she was looking forward to working with Mr. Jacobson and values his experience and thanked him for stepping up. She also wished Mr. Butler well wishes.
- Mayor Welch reminded the Council that Mr. Butler loves chocolate if they were thinking of a present for Mr. Butler. He did say it was a thought to name a new pump station in honor of Mr. Butler. In regard to where we are at with the chamber here in City Hall he will be calling about the arrival of the new carpet for the chambers and the offices. The air situation is good and so are the air filters so now we are just waiting for the baseboards to be installed. We got bids from moving companies a few months ago to help with the furniture movement while the carpet is being installed. The Mayor feels like by the first meeting in April we should be back in chambers, depending on the COVID situation. We also need to talk about the 4th of July parade and BBQ.

Ms. Welch *moved* to adjourn

Seconded by Mr. Claus

The regular meeting of Tuesday, February 22, 2022 adjourned at 8:22 p.m.

These minutes passed and approved by a duly constituted quorum of the North Pole City Council on Monday, February 22, 2022.

**ATTEST:**

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Melissa Dionne, City Clerk

125 Snowman Lane  
North Pole, Alaska 99705  
(907) 488-8593  
(907) 488-3002 (fax)  
bill.butler@northpolealaska.org

City of North Pole  
Director of City Services

# Memo

To: North Pole City Council  
From: Bill Butler  
Date: February 17, 2022  
Subject: Funding to conduct a thorough investigation of the area served by aging steel water mains, develop 35% design documents for the replacement of the steel water mains, and provide a cost estimate to replace the steel water mains.

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The water mains in the core of the City were installed in the early 1970s and largely consist of 10-gauge steel piping that is about 1/8" thick walls. There are approximately 21,000 feet of this pipe. The exterior of the mains are coated with a jacket of insulation and the interior of the mains are coated with a tar-like material to inhibit corrosion. These mains are approximately 50 years old and many are deteriorating rapidly. (See attached picture from a section of salvaged pipe.). The concern is that as pipe deterioration continues the probability of minor and catastrophic failures increase. Should there be a catastrophic failure in winter, entire neighborhoods could lose water and fire protection services for months.

A compounding problem is customer water service is delivered via pit orifices that protrude into the water mains. These pit orifices prevent using a slip lining approach to "repair" the pipe. Replacing the steel water mains will also be disruptive to the residents in the affected neighborhoods—roads will be excavate and water service provided by temporary means. The wholesale excavations will also require significant expense to replace the roads that must be excavated to install new water mains and new customer service lines.

The initial phase of the project will include the following:

## **Investigations**

Stantec will conduct a thorough records review of existing water mains and other buried utilities. The neighborhoods served by the steel water mains will need to be thoroughly surveyed to generate a topographic survey of the water main locations, roads, existing improvements such as drainage, pavements, driveways, etc., and visible utility features such as valve boxes, manholes, etc. Surveying is also necessary to identify property lines to the extent needed for construction. In conjunction with surveying the neighborhoods, Shannon and Wilson Inc., will develop a geotechnical report for the

project area. The report will provide a general review of soil conditions, water table, and dewatering expectations, and recommendations for trench excavations, backfill, and restoration of roadways.

### **35% Concept Design, Design Report**

Once the survey is complete, Stantec will prepare a design report detailing the findings, existing conditions, and recommendations for the project. The report will include concept drawings at approximately 35% level of completion illustrating the proposed locations for the new water mains, points of connection, and potential conflicts. The design report will include discussion of construction phasing and / or temporary water requirements necessary to maintain service to the adjacent properties. An important product of the 35% design includes a construction cost estimate. The 35% conceptual design and cost estimate are essential documents for obtaining external funding.

This first phase of the project will cost the following:

- Investigations----- \$144,883.80
- 35% design and design report (including cost estimate) -----\$85,156.00
- Total ----- \$230,039.80

A copy of Stantec's entire engineering and design proposal is attached. Stantec has agreed that dividing the project into phases is logical and agreed to perform the Investigations and 35% design as part of Phase 1.

**CITY OF NORTH POLE  
ORDINANCE 22-04  
AN ORDINANCE OF THE CITY OF NORTH POLE, ALASKA TO FUND  
PRELIMINARY INVESTIGATIONS AND DESIGN FOR THE  
REPLACEMENT OF STEEL WATER MAINS**

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**WHEREAS**, changes to practices and policies is a continually changing requirement; and,

**WHEREAS**, the City of North Pole budget should be amended to conform to the requirements of the City; and,

**WHEREAS**, adjustment in the budget are necessary to remain compliant with Council approved authorizations and budget management rules, and

**WHEREAS**, fiscal notes are the method prescribed by the code to amend a budget; and,

**WHEREAS**, fiscal notes have been reviewed by the Accountant and Mayor for accuracy and will be recorded as amendments to the budget upon approval,

**NOW, THEREFORE, BE IT ORDAINED** by the Council of the City of North Pole that it approves changes as listed in the attached fiscal note to pay for services to be provided by Stantec Consulting totaling \$230,039.80 for the preliminary investigations and 35% design documents for the replacement of steel water mains.

**Section 1.** This ordinance is of a general nature and shall not be codified.

**Section.** Effective date.

This ordinance shall become effective immediately upon passage.

**PASSED AND ADVANCED** by a duly constituted quorum of the North Pole City Council this 7<sup>th</sup> day of March 2021.

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Michael W. Welch, Mayor

ATTEST:

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Melissa Dionne, North Pole City Clerk

PASSED/FAILED

Yes:

No:

Absent:



# City of North Pole, Alaska

## Fiscal Note Year:

Accompanying Ordinance/Resolution: 22-04

Originator/sponsor: William Butler

Date: February 17, 2022

Does the Ordinance or Resolution have a fiscal impact? ☒ YES ☐ NO

FUND	Account Description	Account #	Debit	Credit
Water Reserve	Transfer out to Water Fund	51-10-9-999	230,000	
Water Fund	Transfer in from Water Fund	41-39-9990		230,000
Water Fund	Transfer in	41-39-9990	230,000	
Water Fund	Professional Services	41-10-2-235		230,000

**Summary:** Approximately 21,000 feet of steel water mains installed in the 1970 in the core of the City are corroding and beginning to fail. Before there is a catastrophic failure of the water mains they need to be replaced. This project will begin the initial steps in designing and engineering the replacement of the mains and will generate a cost estimate for the replacement of the mains.

Prepared by: William Butler Date: 2/17/2022

Signature William Butler

Financial approval: Michelle Peede Date: 2/17/2022

Signature Michelle Peede

**NOTE:** Fiscal notes attached to an ordinance are considered amendments to the budget and do not require an additional approval for insertion into the budget document.



Sample of a steel water main salvaged by the Utility Department after the repair of a leak in the main.

February 4, 2022

**Attention: Bill Butler**  
Director of City Services  
City of North Pole  
125 Snowman Lane  
North Pole, AK 99705

**Project: City of North Pole - Replace Steel Water Mains**  
**Subject: Professional Services Proposal**

Dear Mr. Butler,

Stantec Consulting Services Inc. (Stantec) is pleased to provide the City of North Pole (CONP, City) this proposal to provide professional services for the subject project. Our understanding of the project and our proposal is as follows:

## Background

The "Downtown" portion of the North Pole public water system generally bounded between Holiday Road and Davis Boulevard (west – east), and 8<sup>th</sup> Avenue and Park Way (south – north) was constructed between 1971-1974 using 6-inch diameter, light weight, 10-gauge steel piping (about 1/8" thick). The piping was largely protected from corrosion by the external insulation and jacket, but is now nearly 50 years old, and in poor condition. Pipe condition was examined during the 2014 Water System improvement project. The pipe was found to be suffering from internal and external corrosion that had perforated some of the pipe segments. The earlier 2005 Utility Analysis reported that up to 40% of the City's water production was unaccounted for (i.e., lost or leaking), and suggested that most of the water loss was likely occurring in the Downtown area.

The City is concerned about system reliability, and potential for wholesale failure of the compromised water mains. The City seeks to replace the end-of-life piping with new water mains constructed in accordance with current CONP standards and current best practices.

## Scope

The overall objective of the project is to remove and replace approximately 21,500 linear feet of steel water main with new pipe. This is an approximate quantity and will be refined during design. The attached figure indicates the general locations of the pipe to be replaced. Only the steel water mains are to be replaced; other pipe in the project area is newer and not included. Also, the 2014 Water System project previously replaced small segments of the steel pipe; that prior construction will be retained to the extent possible.

To facilitate construction in and adjacent to City streets and residences, the new piping will most likely be ductile iron pipe (DIP), however high-density polyethylene (HDPE) will be considered where feasible.

Existing pipe ranges in size from 4 to 8-inch diameter. The new water mains will likely all be standardized on 8-inch diameter; however, the City will be consulted in the event that capacity or fire protection upgrades are warranted.

Water services are currently of the "pitorifice" type, no longer allowed under the CONP's water service standards. The City will be consulted as to whether pitorifice water services will be retained, or if the project will require upgrade to the service connections (typically, installation of a circulating pump adjacent the water meters).

Reference: City of North Pole - Replace Steel Water Mains

To complete this work, Stantec proposes the following tasks:

### Investigations

Following confirmation of the project requirements, Stantec will review record drawings, GIS maps, and other available information provided by CONP, and as can be obtained from Fairbanks North Star Borough (FNSB) and the local utility companies.

Stantec will establish survey control and perform topographic survey of the water main locations and adjacent roads. Survey will be focused on existing improvements such as drainage, pavements, driveways, etc., and visible utility features such as valve boxes, manholes, etc. The survey will be combined with FNSB GIS data, including orthophotos, and utility company maps where available to form the basis (the "background") for the project drawings.

Stantec will not be performing or surveying underground utility locates. Survey will be sufficient to indicate property lines to the extent needed for construction (approx. plus or minus 1-foot), but Stantec is not performing property, boundary, or easement surveys.

Once the survey is complete, the project team will complete a visual examination of the project area and finalize the topographic maps.

Shannon and Wilson Inc (S&W), under subcontract to Stantec, will develop a geotechnical report for the project area. The report will provide a general review of soil conditions, water table, and dewatering expectations, and recommendations for trench excavations, backfill, and restoration of roadways. S&W will base the report on their prior work and knowledge of the project area; no new or additional soil borings or explorations will be performed.

### 35% Concept Design, Design Report

Once the survey is complete, Stantec will prepare a design report detailing the findings, existing conditions, and recommendations for the project. The report will include concept drawings at approximately 35% level of completion illustrating the proposed locations for the new water mains, points of connection, and potential conflicts.

The purpose of the design report is to identify and resolve project constraints and questions, including those items listed in the scope section above. The design report also forms the basis for the engineering narrative required for the ADEC permit application.

The design report will include discussion of construction phasing and / or temporary water requirements necessary to maintain service to the adjacent properties.

An estimate of probable construction cost (cost estimate) will be provided with this submittal.

Subsequent submittals do not include design reports. Stantec will only revise the design report if necessary to document design changes for the ADEC permit application.

Following submittal of the 35% report and drawings, CONP will review the project, return comments, and / or schedule a review conference with Stantec. The review conference will be held electronically via MS Teams or similar.

After agreement on a design concept, Stantec will proceed with the 65% design development as directed by CONP.

Reference: City of North Pole - Replace Steel Water Mains

### 65%, 95%, 100% Final Design & ADEC Permit

Stantec will prepare construction plans, specifications, and cost estimates for the project. A total of three submittals will be provided at approximately 65%, 95% and 100% (final) levels of design completion.

Drawings will include general construction requirements, layout plans, survey control, water main plan and profile drawings, trench sections, typical and special details, and restoration requirements.

Specifications will be CSI format, consistent with CONP construction standards, and current best practices as Stantec may recommend.

The 65% specification will only include the technical specifications (Div. 1 – 50). 95% and final submittals will include Div. 0, CONP procurement boilerplate, bid schedules, and EJCDC construction contract general conditions and special provisions.

Construction cost estimates will be provided with each submittal. Note: the cost estimate will be a line-item estimate matching the bid schedule; it will not be a CSI format estimate by spec section. Estimates will include typical estimating and design contingencies, and may include allowances for inflation, however CONP agrees that Stantec has no control over inflation, the construction marketplace at the time of bidding, or fluctuation in material and labor costs.

Following each submittal, CONP will review the project, return comments, and / or schedule a review conference to be held electronically via MS Teams or similar.

Each project submittal will address review comments from the previous phase.

The 100% project submittal will address review comments received on the prior submittals. Stantec professional engineers will then sign and stamp the drawings. Final drawings will be sufficient to permit, bid, and construct the project.

### ADEC Permitting

Stantec will prepare the ADEC Approval to Construct application for the project, consisting of a set of stamped project drawings, the design report, and a set of the ADEC application checklists. Specific schedule for permit applications will depend on CONP's intended construction schedule. Typically, Stantec submits permit applications after completing the 95% submittal, but we can submit at the 65% level if warranted by project schedule or funding needs.

Stantec has included payment of the ADEC permit fee in our budget.

Actual schedule for approval of permits will be subject to ADEC's workload at time application is made and Stantec cannot guarantee timely approval by the review agency.

Reference: City of North Pole - Replace Steel Water Mains

## Construction Support Services (T&M)

Construction support services includes the following sub-tasks:

- **Bidding and Procurement Support**

Stantec will provide Submittal Exchange share point with electronic plans room for solicitation of project bids and management of the construction files.

CONP will be responsible for all advertisement, City mandated legal notices, and solicitation of bids. (Stantec will assist with direct notification of previously pre-qualified bidders known to the City and Stantec).

Stantec will attend the pre-proposal conference, as well as provide responses to proposer's questions through issuance of addendums during the bid period.

CONP will receive and open bids; Stantec will review, evaluate, and provide recommendations to the city as may be needed.

- **Administrative Support**

Stantec will review submittals, shop drawings, requests for information (RFI), design clarification or variation requests (DCVR), change requests, pay requests, and other project correspondence, preparing responses as required. Stantec will maintain project files and logs on behalf of CONP. This will be done electronically using the Submittal Exchange share point service. CONP will receive a complete copy of the project files, electronically, after construction.

- **Meetings**

Stantec staff will participate in various meetings throughout the construction, to include the pre-construction conference and weekly progress meetings. Weekly meetings will be jointly planned and conducted in conjunction and cooperation with the construction contractor. The agenda will include updates on progress, schedule, materials procurement, and other topics germane to schedule performance. Stantec staff in Fairbanks will likely attend in person, while Anchorage staff will attend via teleconference or MS Teams, with limited in person attendance.

- **Construction Inspections**

Stantec will provide staff during construction to administer the terms of CONP's construction contract ("contract administration, CA"), and as necessary to verify compliance with project documents for ADEC purposes. We are estimating a construction duration of 9 to 12 months, with most of the physical work occurring over 5 to 6 months. The budget provides for one full time inspector during a 6-month period, with some supervisor and project management oversight.

Inspection staff will maintain daily project records and reports, provided to CONP on a weekly basis. Reports will be cataloged via Submittal Exchange and include photo and written documentation of Contractor's efforts and progress, including review of project successes, defects, and corrective actions. The staff will attend and assist with facilitating weekly construction meetings with the Contractor, and perform substantial and final inspections, and commissioning and start up support. The staff will observe and witness compliance inspections, such as water main flushing, pressure testing,

Reference: City of North Pole - Replace Steel Water Mains

and disinfection; and will review construction Record Drawings submitted by the Contractor for completeness and accuracy prior to transposing to CAD and certifying them for submission to ADEC.

Stantec will not provide materials testing; this has been assigned to the Construction Contractor as part of the construction quality control requirements; however, Stantec will provide quality assurance (QA), verifying that the Contractor is performing the required tests, and that results comply with project requirements. The CONP does have the authority and ability to perform independent materials testing if so desired; Stantec can provide this service on an as-needed basis as time and materials (T&M), or the CONP may have this service provided independently.

- **Public Involvement**

Stantec will support limited public involvement support during construction. We envision this consisting of incidental contact with property owners during construction, and related interactions with the public, primarily on the job site. Stantec will not be the primary point of contact for the public; this will be the responsibility of the Construction contractor.

- **Easement and ROW Support**

Stantec is not providing easement or ROW support services at this time. Should these services be necessary during design or construction, Stantec will advise CONP, and negotiate an appropriate scope and budget amendment.

- **Record Drawings**

Stantec will prepare the project Record Drawings from the construction Contractor's "redline as-builts" and survey notes. Stantec will review the Contractor's submitted redlines for accuracy and completeness and transfer the information onto Record Drawings. These drawings will need to be certified by the Contractor and the Stantec engineer(s) for purposes of ADEC compliance and permit requirements. This task assumes modification of the original construction drawings based solely on contractor provided information and inspectors' observations. Record Drawings are not based on an "as-built" survey, and ADEC does not require one.

- **ADEC Approval to Operate**

Following construction of project elements as defined in the ADEC Approval to Construct, Stantec will develop and submit the requests for Interim and then final Approval to Operate. Given the need to maintain water service to existing customers, the interim approval requests are expected to occur in phases. We anticipate approximately 8 Interim and one Final request for approval.

## Assumptions and/or Exclusions

Items not specifically included in the scope outlined herein are not part of the Stantec proposal. Where either Stantec or CONP identify additional work that may benefit the project, the work can be provided by amendment at current standard rates as CONP directs. The following clarifications are specifically noted:

- Stantec is not performing any soils explorations or hazardous materials investigations. We are not providing any contaminated sites permitting. However, Stantec will review the ADEC contaminated sites database and identify any nearby sites on the project drawings.
- Submittals will be electronic only, in PDF format, unless otherwise noted. Final record drawings will be provided in AutoCAD and PDF format via OneDrive or similar sharepoint.

**Reference:** City of North Pole - Replace Steel Water Mains

- Design review meetings will be held via teleconference or video meeting.
- Submittals beyond those listed here in will require a budget amendment.
- Stantec is not providing stormwater SWPPP, contaminated site, traffic control, safety, or temporary water plans. These will be the responsibility of the construction contractor.
- Stantec will not be designing or providing temporary or permanent water services for this project. Temporary services if needed will be the responsibility of the Contractor. Water service modifications, if necessary, will be in accordance with current CONP standards.
- Stantec will be administering CONP's construction contract. We will not be managing the Contractor or their forces.
- While Stantec can and will direct the Contractor as to compliance with the Contract, including identifying and requiring correction of defective work, Stantec has no authority to direct Contract changes that result in schedule or cost impact. This authority is reserved to the CONP. Stantec will prepare change orders as requested by the City.
- Stantec is not responsible for job site safety. While our staff will conduct our operations in accordance with Stantec Safe Work Practices, the Contractor is solely responsible for job site safety. Stantec may identify unsafe practices and hazards readily observable in the Contractor's operations, to include stop work notices if warranted, but Stantec is not responsible for Contractor's failure to provide a safe work site.
- Other miscellaneous items of work not specifically included in the tasks outlined herein are not part of our proposal. Where either Stantec or CONP identifies additional work that may be beneficial to the project, it can be provided by amendment at contract rates as CONP directs.
- Construction is expected to be initiated starting on about March 1, 2023, with most physical construction completed by October 30, 2023, and final cleanup and restoration in spring of 2024. Extension of the construction period or duration may require amendment of contract scope and fees.

## Schedule

Project schedule has not been developed at this time. For a project of this magnitude a 6-to-9-month duration is typical. Stantec will work with the City to establish an appropriate schedule upon execution of the professional services agreement. The schedule can be updated as work progresses if necessary.

A specific consideration is the topographic survey. This is best done in late April or during May once snowmelt has occurred.

As we are all aware, these are unprecedented times as a result of the COVID-19 pandemic. The situation is fluid and the Stantec proposal is based on what we understand as of today. Plans and schedules will be further discussed with the project manager to help mitigate the impact of this evolving situation on the CONP project.

Reference: City of North Pole - Replace Steel Water Mains

## Fee

Investigations, design, and permitting tasks will be performed on a lump sum basis. Construction support services will be time and materials (T&M) basis.

### Fee Summary:

Investigations	\$	144,883.80
35% Concept Design, Design Report	\$	85,156.00
65% Design	\$	111,042.00
95% Design	\$	93,192.00
100% Design	\$	35,910.00
Permitting	\$	26,220.00
Construction Support Services (T&M)	\$	412,786.00
<b>Totals</b>	<b>\$</b>	<b>909,189.80</b>

A detailed breakdown of the fee is attached. All work will be performed in accordance with terms of a Professional Services Agreement to be mutually agreed upon and executed by Stantec and CONP, as dated \_\_\_\_\_ TBD \_\_\_\_\_. The project will be invoiced monthly on a percent complete basis. T&M services will be invoiced at the standard Stantec rates in effect at the time services are performed.

## Closure

We appreciate this opportunity to assist CONP with your water main replacement project, and we look forward to working with you for its successful completion.

I will be the project manager and point of contact for this project. My contact information is provided below. As a Senior Principal, I have authority to bind the firm in this matter. If you have any questions or would like to discuss the scope of work or fee, please contact either me at my phone number below, or Stephanie Scheevel at (907) 343-5235, stephanie.scheevel@stantec.com.

Thank you,

**Stantec Consulting Services Inc.**



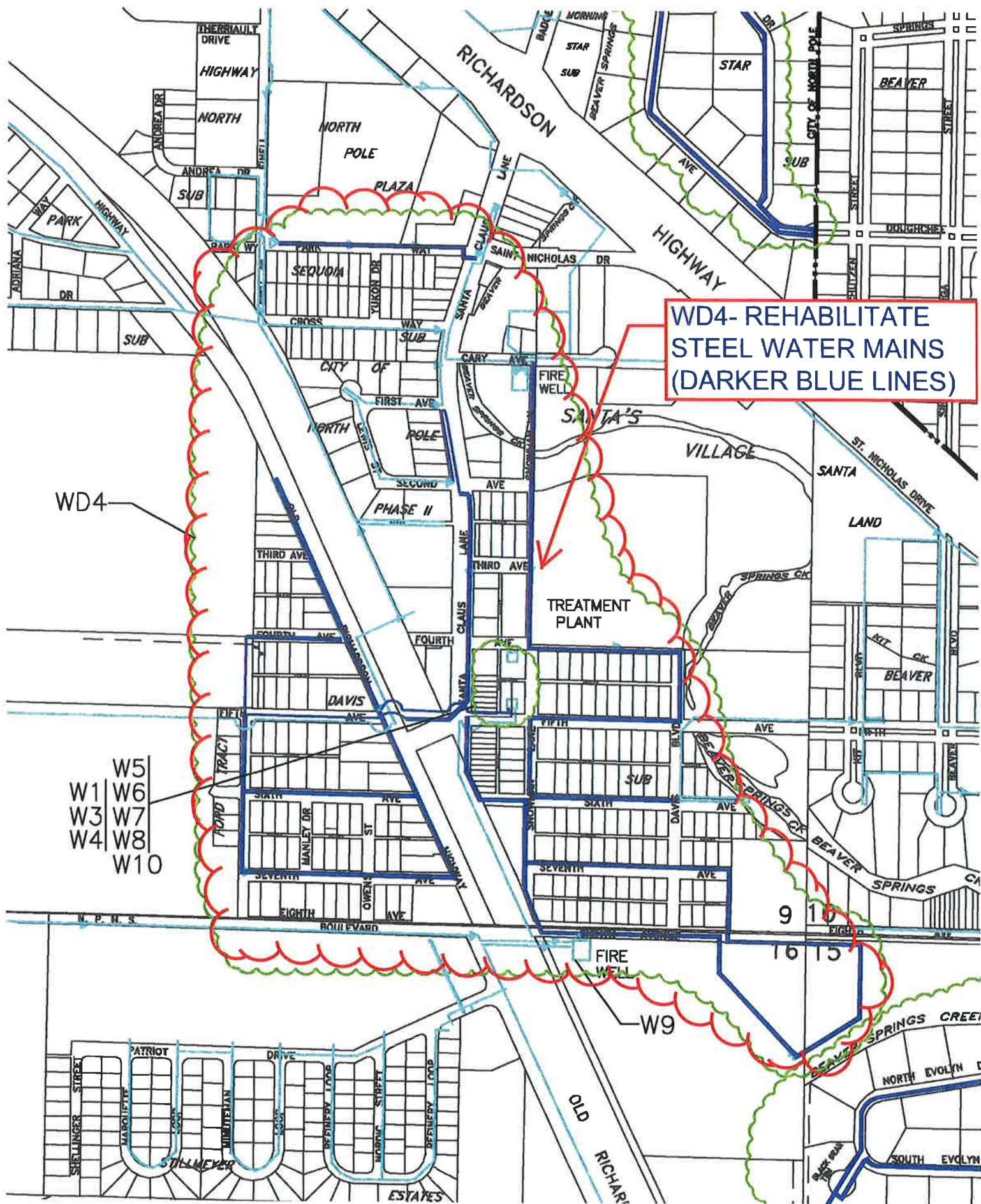
**Dean E. Syta** PE  
Senior Principal  
Phone: 907-229-2985  
Fax: 907-258-4653  
dean.syta@stantec.com

Attachment: Fee Proposal Worksheet, Exhibits

c. file

DES [https://stantec-my.sharepoint.com/personal/dean\\_syta\\_stantec\\_com/documents/desktop/north pole water/water system/conp replace steel water mains sow 02042022 dsyta.docx](https://stantec-my.sharepoint.com/personal/dean_syta_stantec_com/documents/desktop/north%20pole%20water/water%20system/conp%20replace%20steel%20water%20mains%20sow%2002042022%20dsyta.docx)

Design with community in mind



Untitled Map

Write a description for your map.

Legend

- Feature 1
- McDonald's
- North Pole
- North Pole
- North Pole Atrhouse
- Safeway





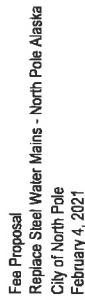
725 East Fireweed Lane, Suite 200  
Anchorage, AK 99503  
Fee Estimate  
Prepared by: Dean Syta

Replace Steel Water Mains - North Pole Alaska  
City of North Pole  
February 4, 2021

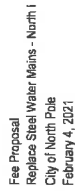
Price Per Task Summary						
Task	Task Name	Labor	Subcontracts	Expenses	Total	Notes
1	Investigations	\$ 41,742.00	\$ -	\$ 834.80	\$ 144,883.80	
2	35% Concept Design	\$ 84,856.00	\$ -	\$ 300.00	\$ 85,156.00	
3	65% Design	\$ 110,742.00	\$ -	\$ 300.00	\$ 111,042.00	
4	95% Design	\$ 92,992.00	\$ -	\$ 200.00	\$ 93,192.00	
5	Final Design	\$ 35,710.00	\$ -	\$ 200.00	\$ 35,910.00	
6	Permitting	\$ 19,820.00	\$ -	\$ 6,400.00	\$ 26,220.00	
7	Construction Support	\$ 391,686.00	\$ -	\$ 21,100.00	\$ 412,786.00	
		\$ 777,548.00	\$ 162,307.00	\$ 29,334.80	\$ 969,189.80	

Notes/Assumptions

- 1 See proposal letter dated February 4, 2022.
- 2 Budget assumes survey and design in 2022, and construction start in 2023. If project start is delayed till later years, fees will be subject to adjustment and negotiation.



OTHER DIRECT COSTS (000s)					
Item No.	Item (s)	Qty.	Unit	Unit Price	Total Price
1	Printing Allowance	1	LS	\$300.00	\$300.00
2	Air Travel	0	ea	\$350.00	\$0.00
3	Lodging and Per Diem	0	days	\$250.00	\$0.00
4	Rental Car	0	days	\$200.00	\$0.00
5	Mileage	60	miles	\$0.58	\$34.80
6	FNSB GIS Fees	1	LS	\$500.00	\$500.00
				Excavator Subtotal	\$834.80



TASK TOTALS			
Item No.	Item (d)	Unit Price	Total Price
1	Direct Labor Cost		\$54,858.00
2	Subcontract Expenses		\$0.00
3	Other Direct Costs (ODCC)		\$300.00
4			
5			
Total Cost			\$55,158.00

SUBCONTRACT EXPENSES			
Item No.	Item (d)	Unit Price	Total Price
1			\$0.00
2			\$0.00
3			\$0.00
4			\$0.00
5			\$0.00
Travel Subtotal			\$0.00

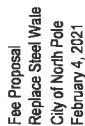
OTHER DIRECT COSTS (ODCC)			
Item No.	Item (b)	Unit Price	Total Price
1	Printing Allowance	LS	\$300.00
2			\$0.00
3			\$0.00
4			\$0.00
5			\$0.00
Expenses Subtotal			\$300.00



Fee Proposal  
Replace Steel Water Mains - North Pole Alaska  
City of North Pole  
February 4, 2021

Task 3: 65% Design		Summary																
Subtask #	Sub-Task Name	Line Hours	Line Cost	Project Manager / PIC	Senior Civil Eng / ITR	Senior Civil Eng	Civil Eng.	Civil Eng / CAD	Civil Eng / CAD	CAD	0	0	Admin	Admin	0	0	0	0
				Dean Syle	Stephanie B	Dillon Mitchell	Julie Alford	Mechanad	Peter	Hansrajvar	Hidango							

TASK TOTALS				SUBCONTRACT EXPENSES										OTHER DIRECT COSTS (ODCs)									
				Item No.	Item (s)	Qty.	Unit	Unit Price	Total Price	Item No.	Item (s)	Qty.	Unit	Unit Price	Total Price	Item No.	Item (s)	Qty.	Unit	Unit Price	Total Price		
Direct Labor Cost				1					\$0.00	1	Printing Allowance								LS	\$200.00	\$200.00		
Subcontract Expenses				2					\$0.00	2	Mileage								miles	\$0.58	\$0.00		
Other Direct Costs (ODCs)				3					\$0.00	3											\$0.00		
Total Cost				4					\$0.00	4											\$0.00		
				5					\$0.00	5											\$0.00		
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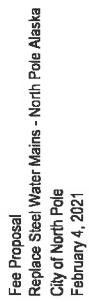


**Fee Proposal**  
**Replace Steel Wale**  
**City of North Pole**  
**February 4, 2021**

TASK TOTALS		SUBCONTRACT EXPENSES					
		Item No.	Item (\$)	Qty.	Unit	Unit Price	Total Price
Direct Labor Cost	\$92,992.00	1					\$0.00
Subcontractal Expenses	\$0.00	2					\$0.00
Other Direct Costs (ODCs)	\$200.00	3					\$0.00
		4					\$0.00
		5					\$0.00
<b>Total Cost</b>	<b>\$93,192.00</b>						
							<b>Travel Subtotal</b>
							\$0.00



TASK TOTALS			SUBCONTRACT EXPENSES					OTHER DIRECT COSTS (ODC's)				
	Item No.	Item (s)	Qty.	Unit	Unit Price	Total Price	Item No.	Item (s)	Qty.	Unit	Unit Price	Total Price
Direct Labor Cost	1					\$35,710.00	1	Printing Allowance	1	LS	\$200.00	\$200.00
Subcontract Expenses	2					\$0.00	2	Mileage		miles	\$0.55	\$0.00
	3					\$200.00	3					\$0.00
Other Direct Costs (ODC's)	4					\$0.00	4					\$0.00
Total Cost	5					\$35,910.00	5					\$0.00
											Expenses Subtotal	\$200.00

[illegible]



TASK TOTALS			SUBCONTRACT EXPENSES					OTHER DIRECT COSTS (000s)					
	Item No.	Item (s)	Qty.	Unit	Unit Price	Total Price		Item No.	Item (s)	Qty.	Unit	Unit Price	Total Price
Direct Labor Cost		\$391,636.00						1	Priming Allowance		ls	\$500.00	\$500.00
Subcontract Expenses		\$0.00						2	Air Travel	5	ea	\$350.00	\$1,750.00
Other Direct Costs (000s)		\$21,100.00						3	Logging and Per Diem	10	days	\$250.00	\$2,500.00
Total Cost		\$412,736.00						4	Rental Car	10	days	\$150.00	\$1,500.00
								5	Submittal Exchange Service	1	LS	\$14,850.00	\$14,850.00
												Expenses Subtotal	\$21,100.00



### Survey Fee Worksheet - Included With Task 1 Investigations

204700000  
North Pole Water Mains  
City of North Pole  
Feb 01, 2022

100

SUBCONTRACTORS				EXPENSES				COMMENTS
Firm	Amount	Sub-Task No.	Item (\$)	Quantity	Unit Price	Total Price		
			Lodging	0	0.00	0.00	TOTALS	
			Per Diem	30	200.00	6,000.00		
			Misc/Fuel	30	60.00	1,800.00		
				1	200.00	200.00		
				0	0.00	0.00		
				0	0.00	0.00		
						0.00		
						0.00		
						0.00		
						0.00		
Subtotal	\$0					\$0	Payment Method	
Markup	0%					\$0	Direct Cost or Fixed Price	
						\$8,000	IDCR (CPFF Only)	
							Total Indirect Cost (CPFF Only)	
							Total Subcontracts	
							Total Expenses	

\* Labor Rates shall be direct labor (base pay) only if Method of Payment is CPEE; otherwise, Labor Rates shall be total rates.  
**Example:** Base pay + benefits + overhead + profit

125 Snowman Lane  
North Pole, Alaska 99705  
(907) 488-8593  
(907) 488-3002 (fax)  
bill.butler@northpolealaska.org

City of North Pole  
Director of City Services

# Memo

To: North Pole City Council  
From: Bill Butler  
Date: February 17, 2022  
Subject: Funding to Update Water and Sewer Construction Standards

---

The City last updated its Water and Sewer Construction Standards in 2007. The Construction Standards are used by developers when they want to install water and sewer utility infrastructure that would be turned over to the City for ownership, operation and maintenance. As with any construction activity industry standards, best practices and materials change with innovations and experience. The North Pole Expansion demonstrated that HDPE pipe is a viable alternative to ductile iron pipe in many instances and depending upon market conditions it can be a more cost-effective alternative for developers and the City. Beginning in 2009, the Utility totally redesigned the controls used in sewer lift stations to take advantage of innovations in electronic controls and the availability of high-speed cellular communication networks. None of these modifications are part of the Construction Standards.

I requested Stantec Consulting submit a proposal for the update of the Construction standards based upon their performance updating the City of North Pole Service Line Requirements for Water and Wastewater--Commercial and Residential Structures. There was a need to update the Service Line Standards related to water services as part of the North Pole Water System Expansion. That effort cost \$47,600 and did not include any work on the sewer service line standards or Construction Standards. Stantec's proposal to update the Water and Sewer Construction Standards totals \$116,354.80. A copy of Stantec's proposal is attached.

**CITY OF NORTH POLE  
ORDINANCE 22-05  
AN ORDINANCE OF THE CITY OF NORTH POLE, ALASKA TO FUND  
UPDATING THE NORTH POLE UTILITY WATER AND SEWER  
STANDARDS OF CONSTRUCTION**

**WHEREAS**, changes to practices and policies is a continually changing requirement; and,

**WHEREAS**, the City of North Pole budget should be amended to conform to the requirements of the City; and,

**WHEREAS**, adjustment in the budget are necessary to remain compliant with Council approved authorizations and budget management rules, and

**WHEREAS**, fiscal notes are the method prescribed by the code to amend a budget; and,

**WHEREAS**, fiscal notes have been reviewed by the Accountant and Mayor for accuracy and will be recorded as amendments to the budget upon approval,

**NOW, THEREFORE, BE IT ORDAINED** by the Council of the City of North Pole that it approves changes as listed in the attached fiscal note to pay for services to be provided by Stantec Consulting totaling \$116,354.80 to update the Water and Sewer Standards of Construction.

**Section 1.** This ordinance is of a general nature and shall not be codified.

**Section.** Effective date.

This ordinance shall become effective immediately upon passage.

**PASSED AND ADVANCED** by a duly constituted quorum of the North Pole City Council this 7<sup>th</sup> day of March 2021.

ATTEST:

\_\_\_\_\_  
Michael W. Welch, Mayor

\_\_\_\_\_  
Melissa Dionne, North Pole City Clerk

PASSED/FAILED Yes: No: Absent:
-----------------------------------------



# City of North Pole, Alaska

**Fiscal Note Year:  
2022**

Accompanying Ordinance/Resolution: 22-05  
Originator/sponsor: William Butler  
Date: February 17, 2022

Does the Ordinance or Resolution have a fiscal impact? ☒ YES ☐ NO

FUND	Account Description	Account #	Debit	Credit
Water Reserve	Transfer out to Water Fund	51-10-9-999	58,200	
Sewer Reserve	Transfer out to Sewer Fund	52-12-9-999	58,200	
Water Fund	Transfer in from Water Reserves	41-39-9990		58,200
Sewer Fund	Transfer in from Sewer Reserves	42-39-9990		58,200
Water Fund	Transfer in	41-39-9990	58,200	
Water Fund	Professional Services	41-10-2-235		58,200
Sewer Fund	Transfer in	42-39-9990	58,200	
Sewer Fund	Professional Services	42-12-2-235		58,200

**Summary:** The City last updated its Water and Sewer Construction Standards in 2007. As with any construction activity industry standards, best practices and materials change with innovations and experience. The North Pole Expansion demonstrated that HDPE pipe is a viable alternative to ductile iron pipe in many instances. Beginning in 2009, the Utility totally redesigned the controls used in sewer lift stations to take advantage of innovations in electronic controls and the availability of high-speed cellular communication networks. None of these modifications are part of the Construction Standards. To remain current, Construction Standards need to be updated.

Prepared by: William Butler Date: 2/17/2022

Signature William Butler

Financial approval: Michelle Peede Date: 2/17/2022

Signature Michelle Peede

**NOTE:** Fiscal notes attached to an ordinance are considered amendments to the budget and do not require an additional approval for insertion into the budget document.



**Stantec**

725 East Fireweed Lane Suite 200, Anchorage AK 99503-2245

February 15, 2022

File: 2073xxxx

**Attention: Bill Butler**

Director of City Services  
City of North Pole  
125 Snowman Lane  
North Pole, AK 99705

**Reference: North Pole Utility Construction Standards Update**

**Subject: Professional Services Proposal**

Dear Mr. Butler:

Water and wastewater utility construction is guided by the City of North Pole's (CONP, City) *Utility Standards of Construction*, last updated in 2007. The Standards are now 15 years old, and no longer current. Accordingly, CONP seeks to update the standards to reflect current industry best practices as presently implemented in the City.

Stantec Consulting Services Inc. (Stantec) is pleased to provide you with this scope and fee proposal to update the City's Standards. It is expected the water and wastewater construction standards will be of similar content and format as the *2018 Water and Wastewater Service Line Standards* Stantec prepared for the CONP.

This proposal includes review of the current standards, and update of the standard details, drawings, and specifications for the construction of water and sewer utility systems. The proposed scope of services includes:

### Review and Update Standards

Under this task, Stantec will review and update the 2007 Standards to reflect current utility operating practices, materials, and construction practices. As part of this task, Stantec will meet with CONP Operations staff in person and / or via video conference (MS Teams) to review current standards, the scope of work, and any particular concerns or ideas operators may have for the update. Developing the new standards is expected to be an interactive, iterative process.

The existing standard currently addresses the following items:

- Design Criteria
- Wastewater Systems
- Water Systems
- Surveying
- Traffic Control
- Trenching / Earthwork

Design with community in mind



February 15, 2022

Bill Butler

Page 2 of 4

## **Professional Services Proposal – North Pole Utility Construction Standards Update**

In addition, Stantec proposes adding the following sections:

- Environmental Controls – To include SWPPP, Dewatering, Contaminated Sites
- Restoration - to include protection of private and City property, restoration of pavement, concrete, drainages, lawns, etc.
- SCADA Systems - requirements for communications, interface, and compatibility with City SCADA systems.

The “3-part” format of the current Standard (general requirements, material requirements, and execution) and order will be largely maintained.

Provisions for high-density polyethylene (HDPE) piping will be added to the water utility provisions.

Wastewater standards will require substantial update, particularly regarding mainline lift stations, and controls.

We have assumed that MS Word files are not available for the existing standards. As such, we have included allowance for PDF to text conversion in the project budget.

### **Update Standards Drawings and Details**

Stantec will update the standard drawings and details to reflect current City practices. We envision the drawings will include:

Wastewater System – 4 to 5 sheets providing approximately 24 details for

- Trenching and Backfill
- Pipe Construction
- Manhole Details
- Mainline Lift station Details
- Control Panel Details

Water System – 3 to 4 sheets providing approximately 15 details for

- Trenching and Backfill
- Pipe construction
- Water system details
- Fire hydrant details

The drawings and details are presently 11x17 sheets. Stantec will evaluate feasibility of providing individual, letter-sized detail drawings, similar to the water and sewer service standards.



February 15, 2022

Bill Butler

Page 3 of 4

## **Professional Services Proposal – North Pole Utility Construction Standards Update**

We have assumed that CAD files are not available for the current standard drawings. Accordingly, this task will require a fair amount of effort. Stantec will adapt versions of our own standard details where appropriate to reduce level of effort, but in many cases, we will need to “re-draw” the City’s details.

Details and standard drawings will not be signed or stamped, as applicability and specific use are the responsibility of the end user.

### **ADEC Coordination**

Stantec will submit the draft standards and drawings to ADEC for review and comment. Note that ADEC does not generally review and approve construction standards, so the submission to ADEC is more of an informational, courtesy submission. However, if ADEC does provide review comments, they will be incorporated into the final standard update.

### **Submittals**

Stantec proposes the following progressive development and submittals:

- Draft – 85% complete
- Final Draft – 95% complete
- Final Standards – 100% complete

Each submittal will consist of the standards text document with the standard drawings. The text will be provided as PDF and MS Word, so City may work in “track changes” if desired.

Following each submittal, CONP will review the documents, return comments, and / or schedule a review conference to be held electronically via MS Teams or similar.

Each project submittal will address review comments from the previous phase.

### **Assumptions and/or Exclusions**

Items not specifically included in the scope outlined herein are not part of the Stantec proposal. Where either Stantec or CONP identify additional work that may benefit the project, the work can be provided by amendment at current standard rates as CONP directs. The following clarifications are specifically noted:

- Submittals will be electronic only, in PDF, MS Word, and AutoCAD formats.
- Design review meetings will be held via teleconference or video meeting.
- The Standards will identify basic requirements to obtain typically required permits, but Stantec is not providing comprehensive lists of agencies or permitting requirements in the Standards, as these are site and project specific.
- Stantec is not providing any design, cost estimating, or value engineering services.
- Submittals beyond those listed herein will require a budget amendment.



February 15, 2022

Bill Butler

Page 4 of 4

## **Professional Services Proposal – North Pole Utility Construction Standards Update**

### **Schedule**

A project schedule has not been developed at this time. For a project of this magnitude an approximate 3-month duration is typical, including City reviews. Stantec will work with the City to establish an appropriate schedule upon execution of the professional services agreement.

As we are all aware, these are unprecedented times because of the COVID-19 pandemic. The situation is fluid and the Stantec proposal is based on what we understand as of today. Plans and schedules will be further discussed with the project manager to help mitigate the impact of this evolving situation on the CONP project. The schedule will be finalized with CONP upon notice-to-proceed and updated as work progresses if necessary.

### **Fee**

The services described here will be provided to CONP in accordance with a Professional Services Agreement, using the Terms and Conditions previously negotiated and agreed to between Stantec and CONP (see attached). The total estimated fee for the proposed services is \$116,354.80 to be performed on lump sum basis. The project will be invoiced monthly on a percent complete basis.

A worksheet showing the development and assumptions inherent in this fee is attached.

### **Closure**

We appreciate this opportunity to propose on this work and look forward to working with you on the successful completion of this project. If you have any questions, or would like to discuss the scope of work, please contact me by phone or email. at my phone number below, or Stephanie Gould at (907) 343-5235, [stephanie.gould@stantec.com](mailto:stephanie.gould@stantec.com).

Thank you,

**Stantec Consulting Services Inc.**

A handwritten signature in blue ink, appearing to read "Dean Syta".

Dean Syta

Senior Principal

Phone: (907) 343-5260

[dean.syta@stantec.com](mailto:dean.syta@stantec.com)

Attachment: Fee Worksheet

c. File

DES br [https://stantec-my.sharepoint.com/personal/dean\\_syta\\_stantec\\_com/documents/desktop/north pole water/construction standards/conp\\_const\\_std\\_update\\_proposal\\_02152022.docx](https://stantec-my.sharepoint.com/personal/dean_syta_stantec_com/documents/desktop/north%20pole%20water/construction%20standards/conp_const_std_update_proposal_02152022.docx)

**Design with community in mind**



725 East Firweed Lane, Suite 200  
Anchorage, AK 99503  
Fee Estimate  
Prepared by: Dean Syta

Update CONP Construction Standards  
City of North Pole  
February 15, 2021

Price Per Task Summary						
Task	Task Name	Labor	Subcontracts	Expenses	Total	Notes
1	Drift Standards	\$ 62,550.00	\$ -	\$ 334.80	\$ 62,884.80	
2	Final Draft Standards	\$ 32,356.00	\$ -	\$ 200.00	\$ 32,556.00	
3	Final Standards	\$ 15,280.00	\$ -	\$ 200.00	\$ 15,480.00	
4	ADEC Submittal	\$ 3,884.00	\$ -	\$ 1,550.00	\$ 5,434.00	
5						
6						
7						
		\$ 114,070.00	\$ -	\$ 2,284.80	\$ 116,354.80	

Notes/Assumptions

- 1 See proposal letter dated February 15, 2022.



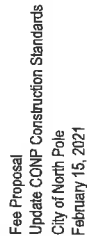
Fee Proposal  
Update CONP Construction Standards  
City of North Pole  
February 15, 2021

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TASK TOTALS		SUBCONTRACT EXPENSES					
		Item No.	Item (\$)	Qty.	Unit	Unit Price	Total Price
Direct Labor Cost	\$15,280.00	1					\$0.00
Subcontract Expenses	\$0.00	2					\$0.00
Other Direct Costs (ODCs)	\$200.00	3					\$0.00
		4					\$0.00
		5					\$0.00
<b>Total Cost</b>	<b>\$15,480.00</b>						
						<b>Travel Subtotal</b>	<b>\$0.00</b>



TASK TOTALS					
Direct Labor Cost	\$3,894.00				
Subcontract Expenses	\$0.00				
Other Direct Costs (ODCs)	\$1,550.00				
<b>Total Cost</b>	<b>\$5,434.00</b>				

SUBCONTRACT EXPENSES						
Item No.	Item (s)	Qty.	Unit	Unit Price	Total Price	
1	\$0.00					
2	\$0.00					
3	\$0.00					
4	\$0.00					
5	\$0.00					
					<b>Total Subcontract</b>	<b>\$0.00</b>

OTHER DIRECT COSTS (ODCs)						
Item No.	Item (s)	Qty.	Unit	Unit Price	Total Price	
1	Printing Allowance	1	LS	\$50.00	\$50.00	
2	Mileage		miles	\$0.38	\$0.00	
3	ADEC Plan Review Fee (Est)	1	LS	\$1,500.00	\$1,500.00	
4					\$0.00	
5					\$0.00	
					<b>Total Other Direct Costs</b>	<b>\$1,550.00</b>

125 Snowman Lane  
North Pole, Alaska 99705  
(907) 488-8593  
(907) 488-3002 (fax)  
bill.butler@northpolealaska.org

City of North Pole  
Director of City Services

# Memo

To: North Pole City Council  
From: Bill Butler  
Date: February 16, 2022  
Subject: Funding for design study for remodeling of the Old Water Treatment Plant

There is a need for more office space to house Administrative and City Services' staff at City Hall. The hiring effort is underway for a human resources position responsible to the Mayor. There is potentially a need for additional staff in the Finance Department. The Utility Clerk's assignment was originally 50 percent Utility Department, 10 percent Building Department and 40% allocated for the Finance Department. With the North Pole Water System Expansion and the Moose Creek Expansion, the Utility Department shifted the Utility Clerk position to 90 percent Utility Department and 10 percent Building Department. There is not sufficient space in City Hall to house current and future staff.

Remodel of the Old Water Treatment Plant (OWTP) can remove the Director of City Services and Utility Clerk from City Hall for the projected growth in staffing that is anticipated at City Hall. The OWTP was built in the early 1970 and was occupied until 2014 and it has since been vacant. Proposed remodel cost of the OWTP would be shared as follows: 25% Water; 25% Sewer; 25% Public Works; and 25% Building Departments. The 2020 plan to remodel the OWTP floundered on uncertainties related to environmental hazards and insufficiently designed plans. Releasing a bid in 2020 to remodel the OWTP provided valuable information on the range of costs for the construction that ranged from approximately \$750,000 to \$1 million. Another lesson learned from the earlier remodel attempt was the remodel needed to be designed by a professional architect and managed by a professional engineering firm.

I requested Respec (formerly PDC) to submit a proposal for the design and construction management of the OWTP remodel. (See attached proposal.) Respec subdivided the work into 7 phases. I recommend and Respec has agreed to initially only conduct Respec's Phases 1, 2 & 3. These phase would conduct a more thorough assessment of the existing facility, particularly focusing on safety and hazmat issues and would generate a 65% design of the project. This initial work will provide the City with sound information to make the decision to proceed or not to proceed with the remodel and the documentation to seek external funding.

**CITY OF NORTH POLE  
ORDINANCE 22-06**

**AN ORDINANCE OF THE CITY OF NORTH POLE, ALASKA TO FUND  
PRELIMINARY ASSESSMENT AND DESIGN FOR THE REMODEL OF  
THE OLD WATER TREATMENT PLANT AS OFFICE SPACE FOR CITY  
SERVICES DEPARTMENTS**

**WHEREAS**, changes to practices and policies is a continually changing requirement; and,

**WHEREAS**, the City of North Pole budget should be amended to conform to the requirements of the City; and,

**WHEREAS**, adjustment in the budget are necessary to remain compliant with Council approved authorizations and budget management rules, and

**WHEREAS**, fiscal notes are the method prescribed by the code to amend a budget; and,

**WHEREAS**, fiscal notes have been reviewed by the Accountant and Mayor for accuracy and will be recorded as amendments to the budget upon approval,

**NOW, THEREFORE, BE IT ORDAINED** by the Council of the City of North Pole that it approves changes as listed in the attached fiscal note to pay for services to be provided by Respec totaling \$111,010.60 for the preliminary assessment and design for the remodel of the Old Water Treatment Plant as office space to City Services departments.

**Section 1.** This ordinance is of a general nature and shall not be codified.

**Section.** Effective date.

This ordinance shall become effective immediately upon passage.

**PASSED AND ADVANCED** by a duly constituted quorum of the North Pole City Council this 7<sup>th</sup> day of March 2021.

Michael W. Welch, Mayor

ATTEST:

Melissa Dionne, North Pole City Clerk

PASSED/FAILED

Yes:

No:

Absent:



# City of North Pole, Alaska

**Fiscal Note Year:  
2022**

Accompanying Ordinance/Resolution:  
Originator/sponsor: William Butler  
Date: February 17, 2022

Ordinance 22-06

**Does the Ordinance or Resolution have a fiscal impact?** ☒ YES ☐ NO

FUND	Account Description	Account #	Debit	Credit
Water Reserve	Transfer Out to Water Fund	51-10-9-999	28,000	
Sewer Reserve	Transfer Out to Sewer Fund	52-12-9-999	28,000	
Water Fund	Transfer In from Water Reserve	41-39-9990		28,000
Sewer Fund	Transfer In from Sewer Reserve	42-39-9990		28,000
Water Fund	Transfer In	41-39-9990	28,000	
Water Fund	Professional Services	41-10-2-235		28,000
Sewer Fund	Transfer In	42-39-9990	28,000	
Sewer Fund	Professional Services	42-12-2-235		28,000
General Fund	Transfer out	01-51-9-9990		28,000
Building Fund	Transfer in from General Fund	04-39-9998	28,000	
Building Fund	Professional Services	04-10-2-2350		28,000
Building Fund	Transfer out	04-10-9-9990	28,000	
General Fund	Professional Services	01-58-2-2350		28,000
General Fund	Transfer out	01-58-9-9990	28,000	

**Summary:** Funding is the initial work for the design for the remodel of the Old Water Treatment Plant to provide office space for City Services staff and the free up space at City Hall. The funding for the work will come from the four unit associated with City Services—Water, Sewer, Public Work and Building.

Prepared by: William Butler Date: 2/17/2022

Signature William Butler

Financial approval: Michelle Peede Date: 2/17/2022

Signature Michelle Peede

**NOTE:** Fiscal notes attached to an ordinance are considered amendments to the budget and do not require an additional approval for insertion into the budget document.



# **STATEMENT OF SERVICES**

**CITY OF NORTH POLE**

**OLD WATER TREATMENT PLANT OFFICE RENOVATION**





- 1) This would eliminate need for ramp and provide additional floor space.
- d. Remove employee access entrance/exit.
- e. Move Copier room to back half of building and use this space for a different function.
  - 1) This room has windows, review if it is possible to move walls and arrange to make space large enough for an office, conference room, etc.
- f. Move Mechanical room to the north or west wall so the air intake is away from parked cars.
- g. Move landing and stair access from front half of building to back half of building to the east side of the building.
- h. Arrange to use the landing for the access moved to the east side in the back half of the building to also serve for the exterior access door.
  - 1) This would also allow for the exterior door for the lower floor to be removed and minimize the challenges with the door being below grade and drainage issues.
- i. The door below grade as currently arranged may need an exterior ramp for ADA access, this would require further Code study to confirm.

### 1.3. HAZMAT

- 1. Shannon & Wilson Inc will be a subcontractor to RESPEC to perform the Hazmat services. See attached for additional information.

### 1.4. COST ESTIMATE

- 1. Estimations Inc will be a subcontractor to RESPEC to perform the Cost Estimate services. See attached for additional information.

### 1.5. SURVEY

- 1. Existing control, survey and utility data will be researched and used to the extent possible.
- 2. Field survey will include interior building finish floor elevations.
- 3. Underground utility locates are specifically excluded.
- 4. The survey deliverables include an AutoCAD Civil3D model space drawing with surface model and a signed one-sheet drawing depicting existing site conditions, 1-foot contours, and survey control.

### 1.6. CIVIL

- 1. Site plans
- 2. Parking & signage
- 3. Develop grading & drainage solution
- 4. ADA access design
- 5. Coordinate with the City for water and sanitary sewer services and IGU for natural gas service



- / Attend review meeting with Client to discuss comments.
- / Develop and submit review comment responses.

### **2.3. 65% DESIGN DEVELOPMENT**

- / Perform site visit to further assess existing conditions.
- / Perform survey and develop topo. Existing utility information will be pulled in from previous surveys, but current grading conditions will need to be verified.
- / Coordinate with design team.
- / Coordinate with utilities.
- / Conduct analysis.
- / Establish design criteria.
- / Develop calculations.
- / Develop design drawings.
- / Develop technical specifications.
- / Develop contract document and Division 1 specification index
- / Conduct QC of drawings.
- / Review cost estimate provided by Estimations to verify quantities match design intent.
- / Submit drawings, specifications, and cost estimate.
- / Attend review meeting with Client to discuss comments.
- / Develop and submit review comment responses.

### **2.4. 95% CONSTRUCTION DOCUMENTS**

- / Update the design based on comments received from 65% design.
- / Continue to coordinate with design team.
- / Continue to coordinate with utilities.
- / Update analysis.
- / Update calculations.
- / Further develop design drawings and provide additional detail as needed.
- / Further develop technical specifications.
- / Develop front end contract documents.
- / Develop Division 1 specifications.
- / Conduct QC of drawings.
- / Submit drawings and specifications.
- / Attend review meeting.
- / Develop and submit review comment responses.



### 3. ASSUMPTIONS

1. The Pre-Design/Planning phase and the Life Safety Code Review and Hazmat Evaluation phase are related and are required to be performed concurrently.
  - a. If the pre-design/planning phase is not approved by the Client the design will move forward with no changes to the floor plan included in the City of North Pole Old Water Treatment Building drawings dated July 14, 2020.
2. The code evaluation and preliminary analysis does not require a 100% analysis and widespread structural upgrade.
3. Design direction for the roof type(s) will be selected prior to 65% design development phase.
4. The Survey Task may begin prior to the schedule for the other 65% Design Development Tasks to allow for the information to be available for the development of the 65% site design.
5. Meetings will typically be conducted remotely via Microsoft Teams or other similar communication software.
6. The Bidding Phase Services and Construction Administration services will be administered using email correspondence, Submittal Exchange will not be used.
7. Special inspections are visual for framing, concrete, and anchors. All material testing delegated to contractor.
8. Scope of work excludes fire protection.
9. The scope of work excludes narratives.
10. The scope of work excludes conformed drawings.
11. The total price does not include additional labor and expenses from the schedule being delayed by the Client.

### 4. CLIENT RESPONSIBILITIES

1. Access to all portions of the existing facility for performing the site visits.
2. The Client shall arrange for the on-site investigation to be conducted during normal business hours (8:00 am - 5:00 pm).

### 5. SCHEDULE

The schedule for the project is as follows, or to be determined (TBD) pending coordination with the OWNER:

- |                                              |               |
|----------------------------------------------|---------------|
| 1. Notice to Proceed:                        | March 4, 2022 |
| 2. Pre-Design/Planning (5-weeks):            | April 8, 2022 |
| 3. Life safety Code Review (5-weeks):        | April 8, 2022 |
| 4. Hazmat Evaluation:                        | April 8, 2022 |
| 5. 65% Design Development, Survey (4-weeks): | TBD           |



Phase	Project Management	Civil	Structural	Mechanical	Electrical	Survey	ODCs	CEDR	Shannon & Wilson	Estimations	Subconsultant Total	Subconsultant Markup	Total
1 #200 - Pre-Design/Planning	\$1,575.00	\$300.00	\$700.00	\$360.00	\$320.00	\$0.00	\$0.00	\$2,185.00	\$0.00	\$0.00	\$2,185.00	\$218.50	\$5,658.50
2 #400 - Life Safety Code Review and Ha	\$9,750.00	\$1,020.00	\$3,820.00	\$1,440.00	\$1,280.00	\$0.00	\$0.00	\$400.00	\$12,470.00	\$0.00	\$12,870.00	\$1,287.00	\$31,467.00
3 #420 - Design Development (65%)	\$9,770.00	\$9,195.00	\$11,570.00	\$10,280.00	\$10,975.00	\$5,695.00	\$398.00	\$5,145.00	\$6,680.00	\$3,666.00	\$15,511.00	\$1,551.10	\$73,945.10
4 #430 - Pre-Final Design (95%)	\$11,355.00	\$7,510.00	\$8,200.00	\$7,405.00	\$9,530.00	\$0.00	\$0.00	\$4,645.00	\$2,680.00	\$0.00	\$7,325.00	\$732.50	\$52,057.50
5 #440 - Construction Documents (100%)	\$5,600.00	\$2,970.00	\$3,460.00	\$3,055.00	\$3,020.00	\$0.00	\$0.00	\$1,180.00	\$1,720.00	\$0.00	\$2,900.00	\$290.00	\$21,295.00
6 #490 - Bid Phase Services	\$3,830.00	\$1,655.00	\$1,825.00	\$1,620.00	\$1,775.00	\$0.00	\$0.00	\$1,340.00	\$2,680.00	\$0.00	\$4,020.00	\$402.00	\$15,127.00
7 #900 - Construction Administration	\$35,550.00	\$9,490.00	\$9,720.00	\$9,290.00	\$9,400.00	\$0.00	\$800.00	\$8,860.00	\$2,680.00	\$0.00	\$11,540.00	\$1,154.00	\$86,944.00
Subtotal	\$76,430.00	\$32,140.00	\$39,295.00	\$33,450.00	\$36,300.00	\$5,695.00	\$1,198.00	\$23,755.00	\$28,910.00	\$3,686.00	\$56,351.00	\$5,635.10	\$286,494.10
Total													\$286,494.10

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Phase	6										
#490 - Bid Phase Services	Principal	Senior Eng	Lead Eng	Project Eng	Staff Eng	EIT	Senior BIM Tech	Senior Eng Tech	Lead Eng Tech	Staff Eng Tech	Tech Editor
Billing Rate	\$225.00	\$185.00	\$175.00	\$150.00	\$135.00	\$105.00	\$135.00	\$125.00	\$110.00	\$95.00	\$115.00
Prebid Meeting	3										
Mgmt/Coord/Corrspnd	4										
Fire Marshall Review Comment Resolution	1										
Bidder Review Comment Resolution	4										
Prepare Addenda	4										
Hourly Subtotal	16	0	0	0	0	0	0	0	0	0	2
Phase Cost	\$3,600.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$230.00
Hourly Subtotal											
Cost											

Phase	7										
#900 - Construction Administration	Principal	Senior Eng	Lead Eng	Project Eng	Staff Eng	EIT	Senior BIM Tech	Senior Eng Tech	Lead Eng Tech	Staff Eng Tech	Tech Editor
Billing Rate	\$225.00	\$185.00	\$175.00	\$150.00	\$135.00	\$105.00	\$135.00	\$125.00	\$110.00	\$95.00	\$115.00
Preconstruction Meeting	4										
Mgmt/Coord/Corrspnd	40										
Construction Meetings (18)	36										
Submittal Reviews	20										
Payment Application Reviews	10										
Design Clarifications	20										
Special Inspections	4										
Rough In Observations	4										
Above Ceiling Observations	4										
Substantial Completion Site Observations	4										
Final Site Observations	4										
As-Built Drawings Review	4										
Record Drawings	4										
Hourly Subtotal	158	0	0	0	0	0	0	0	0	0	0
Phase Cost	\$35,550.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Hourly Subtotal											
Cost											

Project Management Hours	316	0	0	0	0	0	0	27	0	0	17
Project Management Cost	\$71,100.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,375.00	\$0.00	\$0.00	\$1,955.00
Hourly Subtotal											
Cost											

Page 7

22y02m10d\_INF Fee Proposal - NP Old WTP Office Renovation.xls

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Page 13

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Phase	3												
#420 - Design Development (65%)	Principal Mech Eng	Senior Mech Eng	Lead Mech Eng	Project Mech Eng	Staff Mech Eng	Mech. EIT	Senior BIM Tech	Senior Eng Tech	Lead Eng Tech	Staff Eng Tech	Tech Editor	Hourly Subtotal	Cost
	\$250.00	\$180.00	\$165.00	\$165.00	\$155.00	\$130.00	\$135.00	\$125.00	\$110.00	\$95.00	\$115.00		
	Site Visit	3				3						6	\$930.00
	Coord/Corrspnd, Team	3				3						6	\$930.00
	Specifications	2				6					4	12	\$1,600.00
	Drawings	2				12			16			30	\$3,680.00
	Calculations	1				6						7	\$960.00
	QC											2	\$500.00
	Review Cost Estimate	1				2						3	\$440.00
	Review Meeting	2										2	\$360.00
Review Comment Resolution		2				4						6	\$880.00
												0	\$0.00
												0	\$0.00
Hourly Subtotal	2	16	0	0	0	36	0	0	16	0	4	74	
Post	\$500.00	\$2,880.00	\$0.00	\$0.00	\$0.00	\$4,680.00	\$0.00	\$0.00	\$1,760.00	\$0.00	\$460.00		\$10,280.00



Phase		6											
	Principal Mech Eng	Senior Mech Eng	Lead Mech Eng	Project Mech Eng	Staff Mech Eng	Mech. EIT	Senior BIM Tech	Senior Eng Tech	Lead Eng Tech	Staff Eng Tech	Tech Editor	Hourly Subtotal	Cost
#490 - Bid Phase Services													
Billing Rate	\$250.00	\$180.00	\$165.00	\$165.00	\$155.00	\$130.00	\$135.00	\$125.00	\$110.00	\$95.00	\$115.00		
Fire Marshall Review Comment Resolution		2										2	\$360.00
Bidder Review Comment Resolution		2										2	\$360.00
Prepare Addenda		1				3			3			7	\$900.00
												0	\$0.00
Hourly Subtotal	0	5	0	0	0	3	0	0	3	0	0	11	
Cost	\$0.00	\$900.00	\$0.00	\$0.00	\$0.00	\$390.00	\$0.00	\$0.00	\$330.00	\$0.00	\$0.00		\$1,620.00

Phase		7											
	Principal Mech Eng	Senior Mech Eng	Lead Mech Eng	Project Mech Eng	Staff Mech Eng	Mech. EIT	Senior BIM Tech	Senior Eng Tech	Lead Eng Tech	Staff Eng Tech	Tech Editor	Hourly Subtotal	Cost
Billing Rate	\$250.00	\$180.00	\$165.00	\$165.00	\$155.00	\$130.00	\$135.00	\$125.00	\$110.00	\$95.00	\$115.00		
Construction Meetings (8)		8										8	\$1,440.00
		4				4						8	\$1,240.00
Payment Application Reviews		3										3	\$540.00
	Design Clarifications	6				6			2			14	\$2,080.00
	Rough In Observations	1				4						5	\$700.00
Above Ceiling Observations		1				4						5	\$700.00
	Substantial Completion Site	1				4						5	\$700.00
	Observations	1				3						4	\$570.00
	Final Site Observations					4			4			10	\$1,320.00
	Record Drawings		2									0	\$0.00
	0	27	0	0	0	29	0	0	6	0	0	62	
Hourly Subtotal	\$0.00	\$4,860.00	\$0.00	\$0.00	\$0.00	\$3,770.00	\$0.00	\$0.00	\$660.00	\$0.00	\$0.00		\$9,290.00
Cost													

	5	75	0	0	97	0	47	0	8	224
Mechanical Hours										
Mechanical Cost	\$1,250.00	\$13,500.00	\$0.00	\$0.00	\$12,610.00	\$0.00	\$5,170.00	\$0.00	\$920.00	\$32,530.00

[illegible]

22y02m10d\_INF Fee Proposal - NP Old WTP Office Renovation.xlsx

CEDR Design Development  
**North Pole Office Renovation**

Job number  
 PROPOSAL 151

Task	Architect	Project Mgr/Designer	Drafter	Code Specialist	Admin Assist.	Totals
Investigative Services						
Concepts	0.5	4	8	2	0.5	
	125	720	960	320	60	2185
Life Safety Hazmat	0	1	0	1	0.5	
		180		160	60	400
65%Design Development	0.5	16	16	1	0.5	
	125	2880	1920	160	60	5145
95% CD's	0.5	12	16	2	1	
	125	2160	1920	320	120	4645
100% Cons. Docs.	0	1	6	1	1	
		180	720	160	120	1180
Bidding	0	4	2	2	0.5	
		720	240	320	60	1340
Construction AdminServices	2	30	20	2	2	
	500	5400	2400	320	240	8860
						23755
Total Hours	3.5	68	68	11	6	
Labor Rate	250	180	120	160	120	
Total Labor Billing	875	12240	8160	1760	720	23755

## Hazardous Materials Evaluation

- Perform a site visit to observe and document hazardous building materials present at the facility, such as asbestos, lead, mold, mercury-containing thermostat switches, illuminated exit signs, and fluorescent lighting fixtures. We assume the site visit can be accomplished over the course of one 8-hour day. We assume the assessment can be performed during normal work hours, and that you will coordinate with current building users for our access to the work area. Our proposal does not include repairs at the sample locations.
- Collect up to 50 samples of building materials from the subject structure for analysis for asbestos by polarized-light microscopy (PLM) by Environmental Protection Agency (EPA) Method 600 (calibrated visual estimate).
- Reanalyze up to 5 samples of building materials for asbestos by PLM (400 point-count).
- Collect up to 10 samples of paint from the subject structure for analysis for lead in paint by EPA Method SW846-7000B.
- Re-analyze up to 5 samples of paint by toxicity characteristic leaching procedure (TCLP) lead analysis to determine whether the paint may be considered a hazardous waste.
- Submit the asbestos and lead samples to EMSL Laboratory in San Leandro, California for analytical testing.
- We will not collect samples of building materials with mold. If we observe mold at the facility, we will document its location and physical appearance, and take photographs.
- Prepare a brief data report including a description of the materials sampled, a summary of results of analysis, and sample locations.
- Prepare a conceptual plan for hazardous materials abatement/management, which will help guide the 65% design specification development.
- Prepare a hazardous materials abatement cost estimate. The cost estimate will include a brief narrative and a line-item spreadsheet listing of the primary cost elements.

We will request a 96-hour analytical turnaround time for these samples. Asbestos sampling will be performed by an Asbestos Hazard Emergency Response Act (AHERA)-certified building inspector.

## 65% Design (Bid Specifications)

We will prepare bid specifications for the handling and disposal of hazardous materials observed in the structure. We plan to prepare up to three specifications using the

subcontract and may request revisions, which we will discuss with you prior to our signing the document.

We understand the design-phase tasks will be billed on a lump sum basis and the bidding and construction administration assistance tasks will be billed on a time-and-expense basis. Please refer to the attached estimates of probable cost for our estimated fees.

We have attached to this proposal a document titled "*Important Information about Your Geotechnical/Environmental Proposal*," which explains the limitations on our services. Please read it carefully so that you understand what our services can and cannot do for you.

If this proposal meets with your approval, please provide a purchase order, which will constitute your authorization for us to proceed with this scope of services. The estimated fee for this work is firm for 60 days from the date of this proposal. Should authorization to begin be received after 60 days, we will review our estimated fee to determine if any price changes have occurred that would affect the estimated cost of the project.

We look forward to the opportunity to work with you on this project and appreciate your confidence in our firm. If you have any questions or comments, or wish to revise the scope of our services, please contact me at (907) 479-0600 or [chris.darrah@shanwil.com](mailto:chris.darrah@shanwil.com).

Sincerely,

SHANNON & WILSON



Christopher Darrah, CPG, CPESC  
AHERA Building Inspector/Project Designer  
Vice President

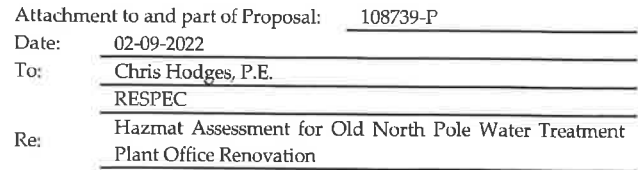
Enc. Estimate of Probable Cost (three sheets)  
Standard General Terms and Conditions  
*Important Information about Your Geotechnical/Environmental Proposal*



Project No: 108739-P  
Project Name: North Pole Old WTP Hazmat  
Date: February 9, 2022  
Client: RESPEC  
By: cbd

**ESTIMATE OF PROBABLE COST**

	Rate	Quantity	Subtotal	Total
<b>Bidding and Advertising Assistance</b>				
AHERA Project Designer	\$240 /hr	8 hr	\$1,920	
Staff support	\$95 /hr	8 hrs	\$760	
			Subtotal	\$2,680
			<b>TOTAL</b>	<b>\$2,680</b>



## ARTICLE 1-SERVICES OF SHANNON & WILSON

If Shannon & Wilson's scope of work is increased or decreased by Client, Shannon & Wilson's compensation and schedule shall be equitably adjusted.

If Shannon & Wilson's schedule is increased or decreased by Client, Shannon & Wilson's compensation shall be equitably adjusted.

Fees for Shannon & Wilson's services are based on the actual time expended on the project, including travel, by our personnel and will be computed by multiplying the actual number of hours worked times the following rates. These rates are for the 2021 calendar year. At the end of each calendar year, our rates will be adjusted for the next calendar year.

## Expert Testimony

Hourly rates will be doubled for time spent actually providing expert testimony in court or depositions.

Expenses other than salary costs that are directly attributable to our professional services will be invoiced at our cost plus 15%. Examples include, but are not limited to, expenses for out-of-town travel and living, information processing equipment, instrumentation and field equipment rental, special fees and permits, premiums for additional or special insurance where required, telecommunication charges, local mileage and parking, use of rental vehicles, taxi, reproduction, local and out-of-town delivery service, express mail, photographs, laboratory equipment fees, shipping charges, and supplies.

If Client disputes Shannon & Wilson's invoice, only the disputed portion(s) may be withheld from payment, and the undisputed portion(s) shall be paid.

has no control over the cost of labor, materials, equipment, or services furnished by others, the contractor's actual or proposed construction methods or methods of determining prices, competitive bidding, or market conditions, Shannon & Wilson cannot and does not guarantee that proposals, bids, or actual construction cost will not vary from opinions of the components of probable construction cost prepared by Shannon & Wilson. If Client or any contractor wishes greater assurance as to probable construction cost, Client or contractor shall employ an independent cost estimator.

#### **Review of Contractor's Shop Drawings and Submittals**

If review of a contractor's shop drawings and submittals are included in Shannon & Wilson's Proposal, Shannon & Wilson shall review and take appropriate action on the contractor's submittals, such as shop drawings, product data, samples, and other data that the contractor is required to submit, but solely for the limited purpose of checking for general overall conformance with Shannon & Wilson's design concept. This review shall not include a review of the accuracy or completeness of details, such as quantities; dimensions; weights or gauges; fabrication processes; construction means, methods, sequences, or procedures; coordination of the Work with other trades; or construction safety precautions; all of which are the sole responsibility of the contractor. Shannon & Wilson's review shall be conducted with reasonable promptness while allowing sufficient time, in Shannon & Wilson's judgment, to permit adequate review. Review of a specific item shall not be construed to mean that Shannon & Wilson has reviewed the entire assembly of which the item is a component. Shannon & Wilson shall not be responsible for any deviations by the contractor in the shop drawings and submittals from the construction documents that are not brought to the attention of Shannon & Wilson by the contractor in writing.

#### **Construction Observation**

If construction observation is included in Shannon & Wilson's Proposal, Shannon & Wilson shall visit the project site at intervals Shannon & Wilson deems appropriate, or as otherwise agreed to in writing by Client and Shannon & Wilson, in order to observe and keep Client generally informed of the progress and quality of the Work. Such visits and observations are not intended to be an exhaustive check or a detailed inspection of any contractor's work, but rather are to allow Shannon & Wilson, as a professional, to become generally familiar with the work in progress in order to determine, in general, whether the work is progressing in a manner indicating that the work, when fully completed, will be in accordance with Shannon & Wilson's general overall design concept. Shannon & Wilson's authority shall be limited to observing, making technical comments regarding general overall compliance with Shannon & Wilson's design concept, and rejecting any work that it becomes aware of that does not comply with Shannon & Wilson's general overall design concept. Shannon & Wilson's acceptance of any non-conforming work containing latent defects or failure to reject any non-conforming work not inspected by Shannon & Wilson shall not impose any liability on Shannon & Wilson or relieve any contractor from complying with their contract documents. All construction contractors shall be solely responsible for construction site safety, the quality of their work, and adherence to their contract documents. Shannon & Wilson shall have no authority to direct any contractor's actions or stop any contractor's work.

If Shannon & Wilson is not retained to provide construction observation of the implementation of its design recommendations, Client shall, only to the fullest extent permitted by law, waive any claims against Shannon & Wilson, and indemnify and hold Shannon & Wilson harmless from any claims, liability, or expenses (including reasonable attorneys' fees and costs) arising from the implementation of Shannon & Wilson's design recommendations, except to the extent of Shannon & Wilson's and its subcontractor's negligent or wrongful acts, errors, omissions, or breach of contract.

#### **No Responsibility for Site Safety**

Except for its own subcontractors and employees, Shannon & Wilson shall not supervise, direct, have control over, or authority to stop any contractor's work; have authority over or responsibility for the means, methods, techniques, sequences, or procedures of construction selected by any contractor; be responsible for safety precautions and programs incident to any contractor's work; or be responsible for any failure of any contractor to comply with laws and regulations applicable to the contractor; all of which are the sole responsibility of the construction contractors. This requirement shall apply continuously, regardless of time or place, and shall in no way be altered because a representative of Shannon & Wilson is present at the project site performing his/her duties. Notwithstanding anything to the contrary, Shannon & Wilson shall never be deemed to have assumed responsibility for the project's site safety by either contract or conduct. No act or direction by Shannon & Wilson shall be deemed the exercise of supervision or control of any contractor's employees or the direction of any contractor's performance. Any direction provided by Shannon & Wilson shall be deemed solely to ensure the contractor's general overall compliance with Shannon & Wilson's design concept.

#### **No Responsibility for Contractor's Performance**

Except for its own subcontractors and employees, Shannon & Wilson shall not be responsible for safety precautions, the quality of any contractor's work, or any contractor's failure to furnish or perform their work in accordance with their contract documents.

Except Shannon & Wilson's own employees and its subcontractors, Shannon & Wilson shall not be responsible for the acts or omissions of any contractor, subcontractor, or supplier, or other persons at the project site, or otherwise furnishing or performing any work, or for any decision based on interpretations or clarifications of Shannon & Wilson's design concept given without the consultation and concurrence of Shannon & Wilson.

#### **Approval of Contractor's Applications for Payment**

If approval of a contractor's applications for payment are included in Shannon & Wilson's Proposal, Shannon & Wilson shall review the amounts due the contractor and issue a recommendation about payment to Client. Shannon & Wilson's review and approval shall be limited to an evaluation of the general progress of the work and the information contained in the contractor's application for payment and a representation by Shannon & Wilson that to the best of Shannon & Wilson's knowledge, the contractor has performed work for which payment has been requested, subject to further testing and inspection upon substantial completion. The issuance of a recommendation for payment shall not be construed as a representation that Shannon & Wilson has made an exhaustive check or a detailed or continuous inspection check of the quality or quantity of the contractor's work; approved the contractors means, methods, sequences, procedures, or safety precautions; or that contractor's subcontractors, laborers, and suppliers have been paid.

### **ARTICLE 7-CONFIDENTIALITY AND USE OF DOCUMENTS**

#### **Confidentiality**

Shannon & Wilson agrees to keep confidential and to not disclose to any person or entity (other than Shannon & Wilson's employees and subcontractors) without the prior consent of Client, all information furnished to Shannon & Wilson by Client or learned by Shannon & Wilson as a result of its Work on the project; provided however, that these provisions shall not apply to information that is in the public domain through no fault of Shannon & Wilson, was previously known to Shannon & Wilson, or was independently acquired by Shannon & Wilson from third parties who were under no obligation to Client to keep said information confidential. This paragraph shall not be construed to in any way restrict Shannon & Wilson from making any disclosures required by law. Client agrees that Shannon & Wilson may use and publish Client's name and a general description of Shannon & Wilson's services with respect to the project in describing Shannon & Wilson's experience and qualifications to others.

#### **Disposal of Non-Hazardous Samples and Hazardous or Toxic Substances**

All substances on, in, or under the project site, or obtained from the project site as samples or as byproducts (e.g., drill cuttings and fluids) of the sampling process, are the project site owner's property. Shannon & Wilson shall preserve such samples for 45 calendar days after Shannon & Wilson's issuance to Client of the final instrument of service that relates to the data obtained from them. Shannon & Wilson shall dispose of all non-hazardous samples and sampling process byproducts in accordance with applicable law; provided however, any samples or sampling process byproducts that are, or are believed to be, affected by regulated contaminants, shall be packaged by Shannon & Wilson in accordance with applicable law, and turned over to Client or left on the project site. Shannon & Wilson shall not transport, store, treat, dispose of, or arrange for the transportation, storage, treatment, or disposal of, any substances known, believed, or suspected to be affected by regulated contaminants, nor shall Shannon & Wilson subcontract for such activities.

Shannon & Wilson shall, at Client's request (and for additional compensation, if not already included in Shannon & Wilson's Proposal), help Client or the project site owner identify appropriate alternatives for transportation, storage, treatment, or disposal of such substances, but Shannon & Wilson shall not make any independent determination about the selection of a transportation, storage, treatment, or disposal facility.

Client or the project site owner shall sign all manifests for the transportation, storage, treatment, or disposal of substances affected by regulated contaminants; provided however, notwithstanding any other provisions of this Agreement to the contrary if Client directs Shannon & Wilson, Shannon & Wilson's employees, or Shannon & Wilson's agents to sign such manifests and/or to hire for Client or the project site owner a contractor to transport, store, treat, or dispose of the contaminated substances, Shannon & Wilson shall do so only as Client's disclosed agent.

#### **Contaminated Equipment and Consumables**

Client shall reimburse Shannon & Wilson for the cost of decontaminating field or laboratory equipment that is contaminated by regulated materials encountered at the project site and for the cost of disposal and replacement of contaminated consumables. In some instances, the cost of decontamination may exceed the fair market value of the equipment, were it not contaminated, together with the cost of properly transporting and disposing of the equipment. In such instances, Shannon & Wilson will notify Client and give Client the option of paying for decontamination or purchasing the equipment at its fair market value immediately prior to contamination. If Client elects to purchase equipment, Client and Shannon & Wilson will enter into a specific agreement for that purpose. Any equipment that cannot be decontaminated shall be considered a consumable.

#### **Client's Liability for Hazardous or Toxic Materials**

Except to the extent caused by Shannon & Wilson's and its subcontractor's negligent or wrongful acts, errors, omissions, or breach of contract, and only to the maximum extent permitted by law, Client shall indemnify and hold harmless Shannon & Wilson, its subcontractors, and their partners, officers, directors, employees, and agents, from and against any and all actions (whether sounding in tort, contract (express or implied), warranty (express or implied), statutory liability, strict liability, or otherwise), claims (including, but not limited to, claims for bodily injury, death, property damage (including bodily injury, death, or property damage to Shannon & Wilson's own employees), or arising under CERCLA, MTCA, or similar federal, state, or local environmental laws), costs, damages (including without limitation, economic, non-economic, general, special, incidental, consequential), demands, expenses (including, but not limited to, reasonable attorneys' fees and costs of defense), fines, judgments, liens, liabilities, and penalties of any kind whatsoever, arising from the arrangement for and/or ownership, operation, generation, labeling, transportation, storage, disposal, treatment, release, or threatened release of any hazardous or toxic materials, as defined by CERCLA, MTCA, or similar federal, state, or local environmental laws, on and/or from the project site.

### **ARTICLE 10-ALLOCATION OF RISK**

#### **Indemnification of Client**

To the maximum extent permitted by law, Shannon & Wilson shall indemnify and hold harmless Client, its appointed and elected officials, partners, officers, directors, employees, and agents, from and against any and all actions (whether sounding in tort, contract (express or implied), warranty (express or implied), statutory liability, strict liability, or otherwise), claims (including, but not limited to, claims for bodily injury, death, property damage (including bodily injury, death, or property damage to Shannon & Wilson's own employees), or arising under CERCLA, MTCA, or similar federal, state, or local environmental laws), costs, damages (including without limitation, economic, non-economic, general, special, incidental, consequential), demands, expenses (including, but not limited to, reasonable attorneys' fees and costs of defense), fines, judgments, liens, liabilities, and penalties of any kind whatsoever; arising from the negligent or wrongful acts, errors, omissions, or breach of contract or warranty express or implied, by Shannon & Wilson or any of its subcontractors; but only to the extent of Shannon & Wilson's and its subcontractor's relative degree of fault. In furtherance of these obligations, and only with respect to Client, its appointed and elected officials, partners, officers, directors, employees, and agents, Shannon & Wilson waives any immunity it may have or limitation on the amount or type of damages imposed under any industrial insurance, workers' compensation, disability, employee benefit, or similar laws. Shannon & Wilson acknowledges that this waiver of immunity was mutually negotiated.

#### **Limitation of Shannon & Wilson's Liability**

##### **A. Total Liability Limited to Insurance Proceeds**

Notwithstanding any other provisions of this Agreement, and only to the maximum extent permitted by law, the total liability, in the aggregate, of Shannon & Wilson, its subcontractors, and their partners, officers, directors, employees, agents and, or any of them, to Client and/or anyone claiming by, through, or under Client, for any and all actions (whether sounding in tort, contract (express or implied), warranty (express or implied), statutory liability, strict liability, or otherwise), claims (including, but not limited to, claims for bodily injury, death, property damage (including bodily injury, death, or property damage to Shannon & Wilson's own employees), or arising under CERCLA, MTCA, or similar federal, state, or local environmental laws), costs, damages (including without limitation, economic, non-economic, general, special, incidental, consequential), demands, expenses (including, but not limited to, reasonable attorneys' fees and costs of defense), fines, judgments, liens, liabilities, and penalties of any kind whatsoever, arising out of, resulting from, or in any way related to the project or this Agreement, shall be limited to the insurance proceeds payable on behalf of or to Shannon & Wilson by any insurance policies applicable thereto. If you are unwilling or unable to limit our liability in this manner, we will negotiate this limitation and its associated impact on our approach, scope of work, schedule, and price, with you. You must notify us in writing before we commence our Work of your intention to negotiate this limitation and its associated impact on our approach, scope of work, schedule, and price. Absent your prior written notification to the contrary, we will proceed on the basis that our total liability is limited as set forth above.

##### **B. Professional Liability Limited to \$50,000 or 10% of Fee**

With respect to professional errors or omissions only, notwithstanding any other provisions of this Agreement, and only to the maximum extent permitted by law, the total liability, in the aggregate, of Shannon & Wilson, its subcontractors, and their partners, officers, directors, employees, agents, or any of them, to Client and/or anyone claiming by, through, or under Client, for any and all actions (whether sounding in tort, contract (express or implied), warranty (express or implied),

## Important Information About Your Geotechnical/Environmental Proposal

More construction problems are caused by site subsurface conditions than any other factor. The following suggestions and observations are offered to help you manage your risks.

### HAVE REALISTIC EXPECTATIONS.

If you have never before dealt with geotechnical or environmental issues, you should recognize that site exploration identifies actual subsurface conditions at those points where samples are taken, at the time they are taken. The data derived are extrapolated by the consultant, who then applies judgment to render an opinion about overall subsurface conditions; their reaction to construction activity; appropriate design of foundations, slopes, impoundments, and recovery wells; and other construction and/or remediation elements. Even under optimal circumstances, actual conditions may differ from those inferred to exist, because no consultant, no matter how qualified, and no subsurface program, no matter how comprehensive, can reveal what is hidden by earth, rock, and time.

### DEVELOP THE SUBSURFACE EXPLORATION PLAN WITH CARE.

The nature of subsurface explorations—the types, quantities, and locations of procedures used—in large measure determines the effectiveness of the geotechnical/environmental report and the design based upon it. The more comprehensive a subsurface exploration and testing program, the more information it provides to the consultant, helping to reduce the risk of unanticipated conditions and the attendant risk of costly delays and disputes. Even the cost of subsurface construction may be lowered.

Developing a proper subsurface exploration plan is a basic element of geotechnical/environmental design that should be accomplished jointly by the consultant and the client (or designated professional representatives). This helps the parties involved recognize mutual concerns and makes the client aware of the technical options available. Clients who develop a subsurface exploration plan without the involvement and concurrence of a consultant may be required to assume responsibility and liability for the plan's adequacy.

### READ GENERAL CONDITIONS CAREFULLY.

Most consultants include standard general contract conditions in their proposals. One of the general conditions most commonly employed is to limit the consulting firm's liability. Known as a "risk allocation" or "limitation of liability," this approach helps prevent problems at the beginning and establishes a fair and reasonable framework for handling them should they arise.

Various other elements of general conditions delineate your consultant's responsibilities. These are used to help eliminate confusion and misunderstandings, thereby helping all parties recognize who is responsible for different tasks. In all cases, read your consultant's general conditions carefully and ask any questions you may have.

### HAVE YOUR CONSULTANT WORK WITH OTHER DESIGN PROFESSIONALS.

Costly problems can occur when other design professionals develop their plans based on misinterpretations of a consultant's report. To help avoid misinterpretations, retain your consultant to work with other project design professionals who are affected by the geotechnical/environmental report. This allows a consultant to explain report implications to design professionals affected by them, and to review their plans and specifications so that issues can be dealt with adequately. Although some other design professionals may be familiar with geotechnical/environmental concerns, none knows as much about them as a competent consultant.



February 7, 2022

Chris Hodges  
RESPEC  
1028 Aurora Drive  
Fairbanks, Alaska 99709

Re: North Pole Old Water Treatment Plant Office Renovation  
Fee Proposal

Chris,

We can provide you with cost estimating services for this project for the fee, outlined below. We have based our proposal on the SOW provided in your email on 01Feb22.

Our fee includes one estimate with a revision based on the design team and owner review comments.

Please allow two weeks for the estimate to be developed, for review by the design team.

This is a Fixed Fee for one estimate. Any change in scope and we reserve the opportunity to renegotiate.

Item	Rate	Admin \$99.00	Estimator \$84.00	Sr Estimator \$155.00	Fixed Fee Totals
65% Level Cost Estimate	1	\$99.00	12 \$1,008.00	12 \$1,860.00	25 \$2,967.00
Revisions based on review comments	1	\$99.00	0 \$0.00	4 \$620.00	5 \$719.00
Project Totals	2	\$198.00	12 \$1,008.00	16 \$2,480.00	30 \$3,686.00

Thank you for choosing Estimations for your cost estimating services.

Sincerely,

Jay Lavoie  
President

**ORDINANCE NO. 22-07**

**AN ORDINANCE OF THE CITY OF NORTH POLE AMENDING THE  
2022 OPERATING BUDGET TO AWARD THE 2022 SNOW  
HAULING BID**

**WHEREAS**, changes to the North Pole Municipal Code are a continually  
changing requirement; and

**WHEREAS**, the City of North Pole experienced a severe winter snowstorm in the  
last week of December 2021, which saw more than 2 feet of snow dropped on  
our community, which has resulted in a grand total of more than 90 inches of  
accumulation; and

**WHEREAS**, the combined efforts of the Public Works Department of the City of  
North Pole with the Alaska State Department of Transportation have moved as  
much snow from our primary and municipal roads, yet have no more room to  
displace the near record accumulation; and

**WHEREAS**, the 90-day outlook from the National Climatic Prediction Center for  
the months of March, April and May show a greater likelihood of more snow and  
warmer temperatures in our region, which will compound the problem into  
serious flooding this spring; and

**WHEREAS**, the Director of City Services calculated that there is 105,000 cubic  
yards of snow and ice that must be removed from our roads and low-lying  
neighborhoods to avoid serious flooding this spring, and thus sent out for a  
competitive bid that closed on February 25, 2022, at 2:00 p.m.; and

**WHEREAS**, of the 6 bids received, **HC Contractors** was the lowest bidder at **\$6.00** per cubic yard, which totals **\$630,000, which was not budgeted for in the 2022** budget for the City of North Pole (see attached fiscal note); and

**WHEREAS**, HC Contractor has serious concerns about warm weather will cause excessive snow melt and the softening of roadway shoulders, and that the equipment that needs to be used to complete this work is heavy equipment that could cause damage to soft shoulders, and without the use of this equipment it would be detrimental to their planned method – which is the safest process to the public and residences.

**NOW, THEREFORE, BE IT ORDAINED** by the Council of the City of North Pole:

**Section 1.** This ordinance is of a general and permanent nature and shall not be codified.

**Section 2.** The snow removal contract is awarded to HC Contractors in the amount of \$630,000 for the removal of 105,000 cubic tons of snow from the City of North Pole.

**Section 3. Effective Date.** This ordinance shall become effective at signing.

ADOPTED THE \_\_\_\_ DAY OF March 2022.

ATTEST:

\_\_\_\_\_  
Melissa Dionne  
City Clerk

\_\_\_\_\_  
Mayor: Michael W. Welch

PASSED

Yes:

No:

Absent:



**City of North Pole, Alaska**  
**Fiscal Note**  
**Year: 2022**  
**Ordinance: 22-07**

**Originator/Sponsor:** Mayor Welch

**Date:** March 7, 2022

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**Does the Ordinance or Resolution have a fiscal impact?** **Yes**

Fund- Dept. Title	Account Description	Account #	Debit	Credit
General Fund	Fund Balance	01-3-9000	630,000.00	
General Fund	Transfer In	01-39-9980		630,000.00
General Fund	Transfer In	01-39-9980	630,000.00	
General Fund	Snow Removal	01-58-2-2400		630000.00

**Prepared By:** Tricia Fogarty **Date:** March 7, 2022

**Finance Approval:** Tricia Fogarty **Date** March 7, 2022

Bid date: February 25, 2022

Time: 2:00 PM

Place: North Pole City Hall

**City of North Pole**

**Invitation to Bid**

**Snow Hauling 2022**

<b>RANKING (by cost)</b>	<b>COMPANY NAME</b>	<b>Bid Form/Cost Cubic Yard</b>	<b>AK Business License</b>	<b>Traffic Control</b>
1	HC Contractors	\$6.00/yard <sup>3</sup>	X	X
2	Hubbard Excavation	\$7.20/yard <sup>3</sup>	X	X
3	Hawks Enterprises	\$8.81/yard <sup>3</sup>	X	X
4	Great Northwest	\$9.00/yard <sup>3</sup>	X	X
5	Grouondhogs	\$10.22/yard <sup>3</sup>	X	X
6	Better Way	\$11.90/yard <sup>3</sup>	X	X

# Memo

To: North Pole City Council, Mayor Welch

From: Chad Heineken, Fire Chief

Date: 3/7/2022

Re: Request to Purchase, 2022 Wheeled Coach Ambulance

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North Pole Fire Department formally requests approval from City Council to purchase one (1) Wheeled Coach ambulance from Rocky Mountain Emergency Vehicles at a cost of \$237,051.

We have established a need to receive a new ambulance every 4 years due to current run volume and mileage. This 4 year cycle allows the fire department to retire the oldest ambulance in the fleet. We have received the attached price proposal from Rocky Mountain Emergency Vehicles with a price of \$237,051. To meet the City of North Pole procurement requirements we are using the Houston-Galveston Area Council (HGAC) cooperative purchasing contract.

The ambulance manufacturer is reporting a 12-14 month time period between placing the order and receiving the vehicle. Placing the order for this ambulance in March of 2022 will result in the new ambulance arriving in the spring of 2023. This time line coincides with the time period our first line ambulance reaches 4 years of age and will have over 100,000 miles. Funds available within the Fire Department Fleet Fund will be used for this purchase.

# QUOTATION

# Rocky Mountain Emergency Vehicles

City of North Pole Fire Department  
Chad Heineken

Wheeled Coach Ambulance  
John Barson  
3038 S Specialty Circle  
South Salt Lake, UT 84115  
801-200-3240  
John@rmevgroup.com

**QUOTE VALID UNTIL 3/15/2022**

**Quote No:** 10063-0011  
**WC MOD:** WC1153  
**INFO:** SPEC WC  
**T1 - 153:** WC-1153  
**EMS EQUIP:** EMS-LOOSE

WC Type 1 153" Mod  
WC-Wheeled Coach Boilerplate  
WC-Type 1 153 Module  
Factory Ship Loose - EMS Equipment

02/28/2022 16:43:32

Page 1

PART NO	DESCRIPTION	QTY
00-01-4001	Houston-Galveston Area Council (HGAC)	1
	<b>CERTIFICATIONS REQUIRED</b>	1
00-05-0050	This unit built in accordance with KKK-A-1822-F in effect on	1
00-05-0100	MD, This unit built in accordance with KKK-A-1822-F CN 10 Cabinet Requirements	1
	<b>FORD CHASSIS</b>	1
01-01-2324	WC, 2022 Ford F450, XLT 4X4, 84" C/A, 169"W/B, 7.3L GAS 16,500 GVWR 2022-6	1
01-02-0100	Domestic Chassis	1
	<b>ALTERNATORS</b>	1
01-03-1001	Alternator - Standard OEM	1
	<b>SUSPENSION</b>	1
01-07-7609	MD, Rear Suspension, Liquid Spring- 2017+ F450, 4x4	1
	<b>HIGH IDLE</b>	1
01-13-1675	High Idle Controls, OEM	1
	<b>FRONT END ALIGNMENT</b>	1
01-19-0003	WC, Wheeled Coach Stainless Grille Logo, with Red Reflective backing	1
01-19-1201	Grill Guard - Big Tex - Chrome	1
	<b>OUTSIDE REAR VIEW MIRRORS</b>	1
01-20-0104	Mirrors, OEM-STD	1
01-21-4600	MD, Cab Flooring, Black Rubber, F350/450, OEM	1
01-23-4000	Spare tire bracket - Mounted	1
	<b>WHEEL COVERS</b>	1
01-24-2113	MD, Wheel Covers, Phoenix, F450/550, Installed	1
	<b>BASE CONVERSION</b>	1
01-45-0210	WC, Conversion, Type 1, 153 Module, F450 4x4 22-1	1
	<b>MODULE BODIES:</b>	1
02-01-2122	MD, Interior Headroom, 72 Inches	1
02-01-3115	WC, Module, Type 1, 153" Body Length, Duraseam Doors,	1
02-01-3152	MD, Body Width 95" Standard	1
02-01-9566	MD, Aisle Space, 44-45", Type 1	1
	<b>STRUCTURAL FRAMING - RFP</b>	1
03-01-1501	MD, Type 1, General Body Construction Spec	1
03-01-1503	MD, Type 1, Vehicle Body Structure Spec	1
	<b>UNDERCOATING</b>	1
	<b>EXTERIOR MODULE CONSTRUCTION</b>	1
03-03-1044	MD, Stone Guard, Front, Diamond Plate, 28"	1
	<b>FUEL FILLS &amp; SPLASH PLATE</b>	1
03-03-8030	MD, Housing Fuel Fill, Cast Aluminum, Type 1	1
	<b>REAR KICKPLATE</b>	1
03-03-9068	WC, Rear Kick plate, Under-Ride Bumper, No Tag recess & (6) Truck lights	1
	<b>SUB-FLOOR SYSTEM</b>	1
03-04-0166	MD, Flooring, 3/4" Marine Grade Plywood, Type 1	1
	<b>MODULE ENTRANCE</b>	1
03-05-0200	MD, Module Access, CS Door standard location	1
	<b>MODULE DOORS, HANDLES &amp; HOLD OPENS</b>	1
03-06-0115	WC, Duraseam Hinged Doors with Hidden Jamb	1

PART NO	DESCRIPTION	QTY
03-06-0713	MD, Hold Open Rear Entry Doors, (2) 5.5" Cast Grabber	1
03-06-0817	MD, Hold Open - Gas Strut, Curb Side Entry Door, 35#	1
03-06-1027	WC, Patient Entry Door Handles, Trimark Black/Chrome Pull Handle w/"SafePass"	1
03-06-1047	WC, Rear Entry Door Trailing Latch, Side release Paddle	1
03-06-4201	MD, Electrical Feed to Required Doors, Spring Protector (per Door)	1
03-06-5002	MD, Entry Door LED Warning Lights, Red Whelen OS Series, Each	1
	<b>POWER DOOR LOCKS</b>	1
03-06-6131	Switch, Remote, Stealth, Cab doors only.	1
	<b>ENTRY DOOR INNER PANELS</b>	1
03-06-7335	WC, Entry Door Panels, Durasafe, S/S,w/ Chevrons & Red Reflective LOGO	1
03-07-1002	MD, Exterior Grab Handle, 1" x 13.5", Painted Aluminum, Each	1
	<b>SIDE DOOR STEP</b>	1
03-08-2149	MD, Step Well, With Removable Grate, and Drain	1
03-08-3056	MD, Light, Side Entry Step well, LED, Whelen #TOCACCCR, 2"	1
03-08-4113	MD, Step, Super Loop, Polished, Below Module Curbside Door	1
	<b>WINDOWS</b>	1
03-09-4109	MD, Window, Upper, CS/Slider, Rr/Fixed, Privacy Tint, PAN	1
03-09-4150	MD, Window, Mod, C/S Over S/B, Privacy Tint, 12" W 18"H	1
	<b>MODULE TO CHASSIS MOUNTING SYSTEM</b>	1
03-10-1210	MD, Module to chassis mounting system, Type I	1
	<b>CAB TO MODULE</b>	1
03-11-2502	MD, Bellows, Pass thru, Unigrip, F1 2008+,	1
	<b>REAR BUMPER AND REAR STEP CONSTRUCTION</b>	1
03-12-2503	MD, Rear Bumper w/ Skids & Flip Up, F1/C1, w/LED DOT lights	1
03-12-2550	MD, Coating, Polyurethane, Rear Bumper Supports	1
03-12-5620	MD, Tow Eyes, Black, Pair in Rear Kick plate	1
	<b>INSULATION</b>	1
03-13-3008	MD, Insulation, Severe Weather Package	1
	<b>RUB RAIL AND FENDER RINGS</b>	1
03-15-6650	WC, Rub Rails, Skirt Line, Extruded "C" channel (E-one Style)	1
03-15-6721	WC, Tape, Reflective, Red, For Extruded Skirt rails	1
03-15-8356	MD, Fender Flare, Bright Finish	1
	<b>SPLASH GUARDS AND RUNNING BOARDS</b>	1
03-16-1721	WC, Mud Flaps, Rear, w/ Wheeled Coach Logo	1
03-16-3605	MD, Running Boards, F450, w/Gator Grip	1
	<b>DRIP RAILS</b>	1
03-17-1020	MD, Drip Rail Trim Moldings Over Door Openings	1
	<b>CAB TO PATIENT AREA ACCESS</b>	1
03-19-2301	MD, Bulkhead, Unigrip, Type 1F/D, Pass Thru, w/ Sliding Lexan Window	1
	<b>LICENSE PLATE HOLDER</b>	1
	<b>EXTERIOR COMPARTMENT CONSTRUCTION</b>	1
04-01-0502	MD, Exterior Compartment, Std, Floor 2.5" Drop Down from Door Opening, Each	4
04-01-0504	MD, Exterior Compartment, Sweepout, Each	2
04-01-3017	MD, Door Sill Protector, Stainless, All Compts	1
04-01-5106	MD, Polyurethane Coating per compartment	6
	<b>EXTERIOR COMPARTMENT DOORS</b>	1
04-02-0506	WC, Compartment Comp Handle, Trimark, Oval Pull Handle, Black/Chrome	6
	<b>COMPARTMENT DOOR HOLD OPEN</b>	1
04-02-7751	MD, Hold Open, Gas Strut, Ext Compt, 60lb	1
04-02-7753	MD, Hold Open Gas Strut, Ext Compt, 30lb	4
04-02-7757	MD, Hold Open, Gas Strut, RF Compt, 30lb	1
	<b>COMPARTMENT LIGHTING</b>	1
04-03-1483	MD, Compartment Light, LED, Whelen #TOCACCCR, 2in, Each	7
	<b>COMPARTMENT #1 - STREETSIDE FWD</b>	1
04-06-0450	MD, Compartment #1, 3/4 High	1
04-06-0475	MD, With Dogleg for Stair chair in Compartment #1,	1
04-06-1939	MD, Compartment #1, Strap, Seat Belt style, Each	1
	<b>COMPARTMENT #2 - STREETSIDE FWD WHEELWELL</b>	1
04-07-2142	WC, Compartment #2, Std Aisle, Standard Configuration	1
04-07-2630	MD, Compartment #2, Shelf, Fixed, Electrical storage, w/ Divider	1
04-07-2636	MD, Compartment #2, Shelf, Adjustable, Additional, Each	1
04-07-9200	Add Dogleg in Comp #2 for Recessed Suction in Face of A/A	1
04-08-2100	MD, Compartment #3, NONE	1
	<b>COMPARTMENT #4 - STREETSIDE AFT</b>	1

PART NO	DESCRIPTION	QTY
04-09-3247	MD, Compartment #4, Mid Height	1
04-09-4550	MD, Compartment #4, Shelf, Adjustable, w/Aluminum Track, First Shelf	1
	<b>COMPARTMENT #6 - CURBSIDE AFT</b>	1
04-11-1097	MD, Compartment #6, Full Height	1
04-11-2090	MD, Compartment #6, First Divider, Vertical, 3/16" Thick, Recessed Adj Track	1
04-11-4534	MD, Compartment #6 Shelf, Fixed, Exterior, Each	1
04-11-4652	MD, Compartment #6, Equipment Strap, Seat Belt Style, Each	1
04-11-4662	MD, Compartment #6, Flatbar, 2", Backboard Retainer	1
	<b>COMPARTMENT #6.5 - CURBSIDE AFT WHEELWELL</b>	1
04-12-0135	WC, Compartment #6.5, Raised to Bottom of Squad Bench Lid	1
	<b>COMPARTMENT #8 - CURBSIDE UPPER FORWARD</b>	1
04-14-2120	MD, Compartment #8/8.5, Single Door	1
04-14-8010	MD, Compartment #8, Shelf, Adjustable, RF Cabt, First shelf w/Aluminum Track	1
04-14-8015	MD, Compartment #8, Shelf, Adjustable, Additional, for Aluminum Track, Each	1
	<b>INTERIOR TRIM AND FEATURES</b>	1
05-01-0105	MD, Interior Cabinets, Duralite Construction, Wood, CN10 compliant	1
	<b>INTERIOR ADJUSTABLE SHELVES</b>	1
05-02-0050	MD, Shelf, Interior, Wood, (1) adjustable, in Cabinet	4
05-02-0054	MD, Shelf Track, Cabinet, #HA24663, CN 10 Upgrade	4
	<b>HEADLINER</b>	1
05-06-2850	WC, Headliner, Flat, PVC, Hinged trough cover, Std	1
	<b>FLOORING</b>	1
05-07-0104	MD, Flooring, Lonspec Topseal, Magnetic Gray, SX112	1
05-07-9896	MD, Floor, Thresholds, Stainless Steel, Painted w/Black Poly-urea coating	1
	<b>Entry Door Grab Handles</b>	1
05-10-1533	MD, Entry Door Grab Handles (3), Custom "L" Shape, 1" Stainless Steel	1
	<b>Ceiling Grab Rail - Center</b>	1
05-10-1932	MD, Ceiling Grab Rail, Overhead, 84", 1" Diameter Stainless, Handicap Style	1
	<b>IV FLUID HANGERS</b>	1
05-11-0015	MD, IV Hook, Perko Snap Hook w/Velcro Strap, Each	2
	<b>ACTION WALL AREA #2</b>	1
05-13-3026	WC, Cabinet, A/A, Std Aisle, No Bio waste, w/ Recessed Suction, Rounded Corner	1
05-13-4310	MD, Tray, A/A, Std Aisle No Bio waste, Poured, Gray	1
05-13-4402	MD, AA Upper Cabinets, U2.5 Angled, U2, U1, 3/4H Comp #1	1
	<b>CABINET DOORS</b>	1
05-13-4494	MD, Doors, U1 Restocking Gray Poly carbonate Slider, CN 10 Compliant	1
05-13-4512	MD, Door, U2 Restocking Gray Poly carbonate Slider, CN 10 Compliant	1
05-13-4522	MD, Door, U2.5, Hinged Wood	1
	<b>Interior Streetside #3 - CPR Seat</b>	1
05-14-1532	MD, CPR side seat, Fixed Backrest	1
05-14-1534	MD, CPR, Lid, Hinged Flip Up	1
05-14-1547	MD, Cabinet U3.5	1
05-14-1577	MD, Cabinet C3.5, deleted For Telemetry Area	1
05-14-1587	MD, Cabinet L3.5, full height, std	1
05-14-4418	MD, "U" Barrier Bar, Padded, 1.5" SS, CPR Seat, Gunmetal	1
05-14-4552	MD, Telemetry Tray, Poured, Gray	1
	<b>CABINET DOORS</b>	1
05-14-4594	MD, Doors, U3.5 Restocking Gray Poly carbonate Slider, CN 10 Compliant	1
05-14-4652	MD, Doors, L3.5, Restocking Gray Poly carbonate Slider, CN 10 Compliant	1
	<b>STREETSIDE REAR AREA #4</b>	1
05-15-5051	MD, Cabinet U4, Combined with U3.5	1
05-15-5110	MD, Cabinet C4, full depth	1
05-15-5118	MD, Cabinet L4, Deleted	1
	<b>CABINET DOORS</b>	1
05-15-6112	MD, Doors, U4/U3.5 Combined, Gray Poly carbonate Slider - CN 10 Compliant	1
05-15-6128	MD, Doors, C4, Restocking Gray Poly carbonate Slider - CN 10 Compliant	1
	<b>SQUAD BENCH AREA</b>	1
05-16-0048	WC, Squad Bench, Bio-Waste @ Head	1
05-16-0074	WC, Lid, Squad Bench, Single W/Bio-Waste	1
05-16-0080	MD, Handle, Trimark, CPR Seat, Std.	1
05-16-0082	MD, Handle, Trimark, Squad Bench, STD	1
05-16-0094	MD, Strut, Gas, 30 LB, Installed	1
05-16-0214	MD, Seatbelt, Assy, (4 Point), Per 4Max, Black, Vert. Mount, (1) Each, CN-8	1
05-16-0214	MD, Seatbelt, Assy, (4 Point), Per 4Max, Black, Vert. Mount, (1) Each, CN-8	2
05-16-0222	MD, Patient Restraint Belts, Squad Bench (3)	1

PART NO	DESCRIPTION	QTY
05-16-9909	Splint Cabinet 7 inch	1
05-16-9923	MD, Cabinet, Curbside Rear, Standard	1
05-17-2508	MD, Cabinet, Glove Box Holder, (3), Above C/S door,	1
	<b>CURBSIDE RIGHT STACK STORAGE #8</b>	1
05-18-0035	MD, RF ALS, Split Upper/Lower, HVAC at Top	1
05-18-5140	MD, Door, None, Trim in Aluminum	1
05-18-5140	MD, Door, None, Trim in Aluminum	1
05-18-9480	MD, Net, 2" Black webbing with Metal Seat belt Buckles, Over open cabinet	1
05-18-9480	MD, Net, 2" Black webbing with Metal Seat belt Buckles, Over open cabinet	1
	<b>ATTENDANT SEAT</b>	1
05-19-0085	Seat Base Door, Diamond Plate	1
05-19-6902	MD, Attendant's Seat, EVS 1880, Comfort, Hi-Back Child Safety w/Per4Max	1
05-19-6904	MD, Color, Gunmetal, Per4Max Belt, Black	1
05-19-7216	MD, Attendant's Seat Base, EVS Swivel 2 Pos	1
	<b>INTERIOR COLORS</b>	1
05-20-0080	MD, Mica, Gray Pampas #4168-01high gloss over Pewter Brushed matt finish	1
05-20-1705	WC, CS Wall to be Fashion Gray Gloss PVC In Lieu of Mica	1
	<b>UPHOLSTERY</b>	1
05-20-5918	MD, Upholstery Color, Gunmetal	1
05-20-5970	WC, Backrest Cushion, EVS, Gunmetal, w/ WC Logo, Each	3
	<b>CABINET LATCHES- INTERIOR</b>	1
05-21-8213	MD, Latch, Southco M1, 2" S/S, (3/4" door) Non-Locking, CN 10-Rated 10lb	1
05-21-8213	MD, Latch, Southco M1, 2" S/S, (3/4" door) Non-Locking, CN 10-Rated 10lb	1
05-21-8219	MD, Latch, Southco M1, 2" S/S, (3/8" Door) Non-Locking, CN 10-Rated 10lb	2
	<b>GENERAL WIRING</b>	1
06-01-0130	MD, Electrical System: Printed Circuitboard	1
06-01-0250	MD, Vanner, "E" Spec, PC Board, No LB	1
	<b>COMMUNICATION</b>	1
06-06-5545	MD, Base, Antenna, Motorola Mount, w/Coax	4
06-07-6606	MD, Clock, Intellitec, Time Manager,	1
07-00-0610	MD, Light, in Circuit Board Area, for Electrical Troubleshooting	1
	<b>POWER SOURCES</b>	1
07-01-1002	MD, Power Source, 12VDC, 20A, Ignition/Shoreline Hot	4
07-01-1008	MD, Power Source, 12 VDC, 15 Amp (+-), Ignition Hot	1
07-01-1016	MD, Power Source, 12 VDC, 30 Amp (+-), Constant Hot	2
	<b>VOLTMETER</b>	1
07-02-1155	MD, Alarm, Low Voltage, Audio/Visual	1
07-02-1157	WC, Voltmeter, Glowshift , Digital	1
	<b>BATTERY SYSTEM</b>	1
07-04-8721	MD, Battery Sw, 5min Timer, F1, Fig 5B, Batt under Hood	1
07-10-1101	MD, Outlet, Power Point Style, (2), A/A	2
07-10-1109	MD, Power Outlet, Kussmaul, USB Dual Port, 5VDC, 4.8 Amp, switch panel	1
07-10-1111	MD, Power Outlet, Kussmaul, USB Dual Port, 5VDC, 4.8 Amp, switch panel, Each	1
	<b>FRONT CONSOLE</b>	1
08-01-3525	WC, Console, Drivers Switch & Radio, Center, Aluminum, Black, Type1 Ford	1
08-01-4652	WC, Single Blank Panel	1
08-01-4654	WC, Double Blank Panel	1
08-01-4665	WC, View Safe Switch Panel , Type 1 Only	1
08-02-0006	MD, Module Electrical Panels, Brushed Stainless Steel	1
08-02-9126	Map Light, Flex shaft	1
	<b>ATTENDANT CONTROL PANEL</b>	1
08-03-0306	WC, Console, A/A, Wood, Angled	1
08-04-6113	MD, Switch, Emergency Master	1
	<b>SIREN ELECTRONIC - CONTROL HEADS / AMPS</b>	1
09-03-1804	MD, Siren, Whelen, WS-295-HFSC9	1
	<b>SIREN SPEAKERS</b>	1
09-03-2708	WC, Siren Speakers, Cast SAD/PSAD3827-20FSD-1, F-Series 2020	1
09-03-3518	MD, Wedge, (1), Small, 4.5" length, Air Horn	1
09-03-3530	MD, Switch, Siren/Horn Thru Horn Ring	1
	<b>BACK-UP ALARMS</b>	1
09-05-1112	MD, Back-up Alarm, No Cutoff Switch	1
09-70-5249	MD, Prewire, Opticom, In Drive Gear	1
	<b>WARNING LIGHT FLASHERS</b>	1
09-80-2000	MD, Flasher, Vanner 5860GCPE, C/D/E Spec	1

PART NO	DESCRIPTION	QTY
09-80-5920	MD, Circuit, Neutral Power	1
<b>WARNING LIGHTS</b>		1
09-95-1101	MD, Light, Whelen 900, Single Row LED, Red, Red Lens, 90R02SRR	8
09-95-1105	MD, Light, Whelen 900, Single Row LED, Amber, Amber Lens, 90A02SAR	1
09-95-1109	MD, Light, Whelen 900, Single Row LED, Clear, 90C02SCR	1
09-95-4452	MD, Light, Whelen, M2RC, Red, Lens Clear w/ Flange	6
09-95-4456	MD, Light, Whelen, M2C, Clear, Lens Clear w/ Flange	1
09-95-4471	MD, Flange, Whelen M2, Chrome, M2FC, Each	8
09-95-4802	MD, Light, Whelen, LINZ6R, LED-Red	4
09-95-9393	MD, Housings, Cast, 500 Series, Upper Grille, Ford, 2020 F series, Pair	1
<b>EXTERIOR AUTOMOTIVE LIGHTING</b>		1
10-01-0040	WC, Taillights, Whelen, LED Stop/Tail, Halogen Backup, w/WC logo	1
<b>ICC/MARKER LIGHTS</b>		1
10-01-2177	MD, Light, Clearance, Amber LED, Each	3
10-01-2178	MD, Light, Clearance, Red LED, Each	3
10-01-2250	WC, Corner Cap Lts, Multi, LED, (2) Amber (2) Red w/Flashers	1
<b>FLOOD AND LOAD SYSTEMS</b>		1
10-02-2232	MD, Light, LED, Whelen, Clear, #9SC0ENZR, 24 LED, w/Chrome Flange	6
10-02-2244	MD, Scene Lighting, Rearmost Side Wall, Activate on Reverse Gear	1
10-02-2250	MD, Scene Lighting, CS, Activate on Opening of Entry Door	1
10-02-7125	MD, Prewire, Driving Lights, 20A Circuit w/switch	1
<b>11 - INTERIOR LIGHTING</b>		1
11-01-2809	MD, Lights, Dome, LED, Whelen, White Flng, (4) S/S, (3) C/S	1
11-01-2872	WC, Lighting, LED, Recessed into Trough cover- White only	1
11-01-9032	MD, Timer, Momentary Switch, 15 Minute, Constant Hot	1
<b>SPOTLIGHTS / HANDHELD LIGHTS</b>		1
11-02-1003	MD, Handheld Spotlight - Sho-Me 200,000 CP	1
<b>ATTENDANT LIGHT</b>		1
11-03-2027	MD, Light, Optronics, 105500, 5 Inch, Each	1
<b>12 - ELECTRICAL 125 VOLT AC</b>		1
<b>SHORELINE INLET</b>		1
12-01-9114	MD, Shoreline, 20A, Super Auto Eject, Red	1
12-01-9136	MD, Shoreline Indicator Light, Green LED w/Label	1
<b>OUTLETS - 125VAC</b>		1
12-02-2110	MD, Outlets, 125 VAC, Duplex, (1) Action Wall, (1) Right Front Cabinet	6
<b>BLOCKHEATERS</b>		1
12-02-4001	Block Heater - With OEM Plug	1
<b>INVERTER - 125VAC</b>		1
12-03-1410	MD, Inverter, Vanner 20-1000TUL	1
<b>AUXILIARY ENVIRONMENTAL SYSTEMS</b>		1
13-02-0111	MD, Exhaust Fan, Single 12V, in Line Blower	1
<b>WHEELED COACH HVAC UNITS</b>		1
13-02-5751	MD, Hoses, Heater, No Max, to Rear	1
13-02-5755	Insulate heater hoses front to rear	1
13-02-5760	MD, Heat/AC, F1, Combo	1
13-02-6028	WC, Air Conditioning Face Plate, Brushed Stainless Steel with Logo	1
13-02-6050	MD, Heat/AC Located RF corner, over ALS cabinet.	1
13-02-7752	MD, Thermostat, Hoseline	1
<b>COT MOUNTING PROVISIONS</b>		1
<b>Cot Mounts</b>		1
14-01-1502	MD, Cot Mount, Ferno 173-3, For #28 Cot, Not Compliant w/CN 8	1
14-01-4028	Center Mount	1
14-01-4032	Non-Compliance to SAE J3027 Patient Cot Mount Notice	1
<b>OXYGEN AND AIR SYSTEMS</b>		1
14-02-2242	MD, O2 Cylinder Bracket, Multiversal, #QR-MV, W/ Straps	1
14-02-2244	MD, Track, Unistrut for Oxygen Rack	1
14-02-3010	MD, Electric O2 System w/Manual Bypass	1
14-02-3156	MD, O2 Regulator, Preset 50 PSI	1
14-02-4156	MD, O2 System, Ohio Style (2 Action Area, 1 Liner, 1 CS Wall)	1
14-02-4920	MD, Lexan Flap, w/Hinge	1
<b>SUCTION SYSTEM</b>		1
14-03-3030	MD, Suction Pump, SSCOR 90206	1
14-03-3045	MD, Suction Port	1
14-03-3070	MD, Suction System, SSCOR 23002 Disposable w/Canister Clip & Regulator	1
<b>MISC MEDICAL</b>		1

PART NO	DESCRIPTION	QTY
14-04-1200	MD, Fire Extinguisher, 5# ABC with Surface Mount Brkt., Each	2
	<b>PAINT AND FINISH</b>	1
15-00-0200	WC, Wheeled Coach Paint Process	1
15-01-2015	Module Paint, Two Color , Paint other than OEM, Red or Metallic	1
15-01-5600	Cab Paint - Single Color, Repaint other than OEM, Red or Metallic	1
	<b>PAINT STRIPING DESIGN</b>	1
15-02-1200	Paint Belt, None	1
	<b>DECALS AND NOMENCLATURE</b>	1
15-05-0038	WC, Ship Loose, W.C. Standard Items	1
15-05-0055	MD, Spare Tire, OEM only, Ship Loose	1
	<b>End Of Order</b>	1

See following page for pricing information.



**Customer Name:** City of North Pole, Alaska

**Quote Number:** 10063-0011

**Miscellaneous Items Included In Quote:**

1. Vehicle Graphics - to match current fleet.
2. Vital Vio Anti-microbial light fixtures in compartment - Standard
3. UV Light treatment in A/C - heater blower system - Standard
4. Smooth Talker cell booster - Standard.
5. Delivery to North Pole, AK
6. HGAC Process fee
7. Pre-delivery inspection, Orlando FL, 2 people, Fairbanks to FL,
- 8.

**Total Price As Quoted:** \$228,056.00

**Miscellaneous items *NOT INCLUDED* in Total Price:**

- |                                 |            |
|---------------------------------|------------|
| 1. Ferno Cot, PRO 28Z CHAIR COT | \$8,995.00 |
| 2.                              |            |
| 3.                              |            |
| 4.                              |            |

**TOTAL COST:**

\$237,051.00

**Accepted:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Print Name:** \_\_\_\_\_

**Notes:** The current market conditions require us to advise our clients that due to highly volatile materials cost, we reserve the right to pass on any significant cost increases to the customer as they occur. Additional documentation and terms will be forwarded to you upon request. These terms will include the customers option to cancel existing orders up to 30 days prior to the completion of construction.

CITY OF NORTH POLE

RESOLUTION 22-08

**A RESOLUTION by The City of North Pole in Support of Alaska Industrial Development  
Export Authority (AIDEA) to Identify Lands for Development**

**WHEREAS**, The City of North Pole considers resolutions throughout the year to support our  
community development; and

**WHEREAS**, The City of North Pole is concerned about providing affordable and efficient new  
residential housing to meet the increasing demand of Eielson AFB for the incoming Airmen and  
families with the F-35 and KC-135 buildup; and

**WHEREAS**, The City of North Pole is within the established boundaries of the Military Facility Zone,  
and the North Pole Comprehensive Strategic Plan calls for actions that rezone areas to support  
density and housing developments; and

**WHEREAS**, The desire of the City of North Pole is to attract developers and builders that will build to  
the highest industry efficiency standards adequate housing that will last for generations; and

**WHEREAS**, The Alaska Industrial Development Export Authority (AIDEA) has been a cooperative  
agency with both the City of North Pole and the Fairbanks North Star Borough to develop  
infrastructure needs within the Military Facility Zone to spur said building of homes; and

**WHEREAS**, AIDEA requests the cooperation and support of the City Council of North Pole in the  
form of a resolution to work with them to identify suitable land that can be acquired to build such  
homes.

**NOW THEREFORE BE IT RESOLVED** that the North Pole City Council shall support the partnership  
with AIDEA for the development of off-base housing in the Military Facility Zone of the City of North  
Pole, Alaska.

**PASSED AND APPROVED** by a duly constituted quorum of the North Pole City Council this 7<sup>th</sup> day of  
March 2022.

\_\_\_\_\_  
Michael W. Welch, Mayor

ATTEST:

\_\_\_\_\_  
Melissa Dionne, North Pole City Clerk

PASSED Yes: No: Absent:
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