

CITY OF NORTH POLE

Regular Meeting December 03, 2018 North Pole Council Chambers 125 Snowman Lane, North Pole, Alaska

www.northpolealaska.com

Monday, December 03, 2018
Committee of the Whole: 6:30 p.m.
Regular City Council Meeting – 7:00 p.m.

MAYORCITY CLERKMichael WelchJudy Binkley488-8584488-8583

COUNCIL MEMBERS

Doug Isaacson – Mayor Pro Tem	322-3133
Avery Thompson – Deputy Mayor Pro Tem	388-5351
Perry Walley – Alt Dep Mayor Pro Tem	347-0135
DeJohn Cromer	347-2808
Aino Welch	488-5834
David Skipps	750-5106

- 1. Call to Order/Roll Call
- 2. Pledge of Allegiance to the US Flag
- 3. Invocation
- 4. Approval of the Agenda
- 5. Approval of the Minutes
 - a. November 19, 2018
- 6. Communications from the Mayor
- 7. Council Member 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 18-29, An Ordinance of the North Pole City Council Establishing the 2019 Operating and Capital Budget.
- **b.** Ordinance 18-31, An Ordinance of the City of North Pole, Alaska to Amend the 2018 Police Department Budget.

12. New Business

- **a.** Liquor License Renewal for 2 Go Mart #112.
- **b.** Resolution 18-15, A Resolution Establishing the 2019 City of North Pole Bed Tax Grant Distribution.
- **c.** Approval Request for the 2019 City Council Meeting Schedule.
- d. Request to Approve a Professional Services Agreement with PDC Engineers to Provide Engineering, Design, Permitting, Surveying, Easement Acquisition, Bidding and Construction Administration Support for the Moose Creek Water System Expansion Project for \$3,414,403. Award of the Agreement to PDC Shall be Dependent Upon an Award from the US Air Force/Army Corps of Engineers to the City of North Pole to Finance 100% of PDC's Agreement.
- **e.** Ordinance 18-32, An Ordinance of the City of North Pole, Alaska to Amend the 2018 Building, Public Works, Utility, Administration, and Fire Departments Budgets.

13. Council Comments

14. Adjournment

Detailed information and copies of agenda documents may be obtained at the Office of the City Clerk, 125 Snowman Lane or on the City website www.northpolealaska.com. Notice of Council Action is available at City Hall and on the City website following the meeting. Council Meetings are aired live via audio streaming from the City's website. 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, November 19, 2018 in the Council Chambers of City Hall, 125 Snowman Lane, North Pole, Alaska.

CALL TO ORDER/ROLL CALL

Mayor Welch called the regular City Council meeting of Monday, November 19, 2018 to order at 7:00 p.m.

There were present:

Absent/Excused

Doug Isaacson – Mayor Pro Tem
Avery Thompson – Deputy Mayor Pro Tem
Perry Walley – Alt Dep Mayor Pro Tem
DeJohn Cromer
Aino Welch
David Skipps
Mayor Welch

PLEDGE OF ALLEGIANCE TO THE U.S. FLAG

Led by Mayor Welch

INVOCATION

Invocation was given by Mr. Isaacson

APPROVAL OF AGENDA

Mr. Isaacson moved to approve the agenda of November 19, 2018

Seconded by Ms. Welch

DISCUSSION

Mr. Isaacson *moved to* consent the following items:

Old Business:

- **a.** Ordinance 18-28, An Ordinance of the North Pole City Council Amending Title 2, North Pole Municipal Code Chapter 2.12, Section 2.120.030 A, Relating to City Council Meeting Times.
- **c.** Ordinance 18-30, An Ordinance to Revise Title 13, Chapter 13.04, 13.08, 13.12, 13.16, 13.24, and 13.28 as Necessary to Regulate Water Utility Services Outside of the Limits.

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Minutes November 19, 2018 NOT A VERBATIM TRANSCRIPT

New Business:

- **b.** Resolution 18-14, A Resolution of the North Pole City Council Designating City Officials Authorization to Sign on City of North Pole Accounts.
- **c.** Ordinance 18-31, An Ordinance of the City of North Pole, Alaska to Amend the 2018 Police Department Budget.

Seconded by Ms. Welch

Discussion

None

On the amendment

PASSED

Yes: 7 – Skipps, Thompson, Isaacson, Welch, Cromer, Walley, Welch

No: 0 Absent: 0

On the Agenda as amended

Discussion

None

PASSED

Yes: 7 – Skipps, Thompson, Isaacson, Welch, Cromer, Walley, Welch

No: 0 Absent: 0

APPROVAL OF MINUTES

Mr. Isaacson moved to approve the Minutes of November 05, 2018

Seconded by Ms. Welch

Discussion

None

PASSED

Yes: 7 – Skipps, Thompson, Isaacson, Welch, Cromer, Walley, Welch

No: 0 Absent: 0

COMMUNICATIONS FROM THE MAYOR

- Proclamation: Student of the Month Makali Kazense
- We had a very productive time at AML. I attended the Alaska Conference of Mayors as well as many other meetings.
- You will notice that we have some upcoming presentations:
 - o The Alaska Gas Line Development will be here December 3rd at 6pm.
 - o Shelley Wade with Agnew: Beck will be here December 10th at 6pm.

COUNCIL MEMBER QUESTIONS OF THE MAYOR

None

COMMUNICATIONS FROM DEPARTMENT HEADS, BOROUGH REPRESENTATIVE AND THE CITY CLERK

Police Dept., Chief Dutra

- Glow Stick awards for Myrna Iyakitan, Keanna Hardy, Ashaunna Hardy, Kamden Stark, and Isaac Hardy. Thank you all for your assistance.
- Our Drug Take Back event hauled in 37.5 lbs of drugs. Thank you to the community.
- ALiCE presentations at Effie Kokrine, Lathrop teachers, Ryan Food Services, and Bridget Charter.
- Attended the Fairbanks Baptist Church Law Enforcement Appreciation dinner on Sunday.
- Provided stats.
- Mayor Welch asked if DUIs are down because we are down 2 patrol officers and not out on the highway as much. Chief Dutra replied that is a possibility. We have also shifted our resources from the traffic officer to the school resource officer so that could have an impact.

Fire Dept., Chief Coon

• Chief Heineken has been working with the Community and Technical College on the paramedic program. We actually have paramedics or paramedics in training from the University coming out and doing ride-alongs with North Pole. It's significant because this is the first time it's every happened. They wanted to come out because of our really good EMS program and because we are busy.

Director of City Services, Bill Butler

Building Department

- New building permit application submitted fire restoration.
- Construction permits for over \$19 million in project valuation submitted to date.

Public Works

- First City-wide snow plowing of the year.
 - o All future plowings in 2018 will require transferring funds.
- First Christmas decorations installed in roundabouts and lighted trees at City Hall.
 - Replacing failed light strands and decoration maintenance is slowing installation of additional decorations.

Utility Department

- Sulfolane settlement.
 - Substantial completion for the Peridot Pump house delayed due to required modifications of some installed work.
 - Seismic upgrades underway at the Water Treatment Plant on first reservoir completed and work on second reservoir underway. Projected to be completed before mid-December.
 - Water from the new storage tank is regularly supplying water to City prevent the water in the tank from becoming stale.
 - o Contractor has been fusing lengths of HDPE pipe to facilitate a quick start when pipe installation begins in spring 2019.
- Per- and Polyfluoroalkyl Substances (PFAS).
 - Reported at the last meeting we received results for PFAS sampling at City wells
 non-detect.
 - o As a precaution we will increase testing from biannually to quarterly.
- Moose Creek water system expansion project.
 - PDC provided the City with engineering consulting approximately three years ago at no charge.
 - Upon my request, PDC has submitted an engineering, design and construction management proposal with a current estimated cost of approximately \$2.5 million.
 - Plan to submit a recommendation to Council in December 2018 to award the contract to PDC with the caveat that award of the contract is contingent upon award of funds from the Air Force to the City for the project.

Natural Gas Utility Board

- IGU is following a two-track approach related to securing a supply of liquefied natural gas with the purpose of providing the Interior with the best alternative.
 - o IGU negotiating team is engaged in ongoing discussions with Siemens for a liquefied natural gas supply with the goal of agreeing to a memorandum of understanding by December 31, 2018.

o IGU is moving forward with Front-End Engineering Design (FEED) to internally provide itself with liquefied natural gas – construct its own liquefaction plants.

Finance, Tricia Fogarty

- I was out last week at the GFOA conference at the same time AML was going on. One of the big presentations there was on the online sales tax. The state is working with that and it's one of our exemptions here in the City. So I have some ideas about that.
- The bank statements came in last week so I don't have financials for you tonight but I will email them to you when I've completed that.

Borough Representative

None

City Clerk's Office, Judy Binkley

- I received the Borough Assembly 2019 schedule recently so if Council and the Mayor decide to have Council continue to attend the meetings, I will get the sign-up sheet ready.
- The Health Fair went well, especially for our first go at it. We learned a couple things that we will implement to make it even better next year.
- We received 6 applications for the 2019 Hotel/Motel Bed Tax Grant. I sent out the letters to all the applicants today to let them know what time they will be presenting to the Committee on Tuesday, November 27th. The meeting will start promptly at 6pm.
- I had a great time at AAMC last week and learned some unique things as well as met more clerks from around the state. I am on a few more committees now and am excited for the new challenge.
- I am putting together the 2019 Council Meeting Calendar. Next year, AML will be the week of November 18th which is a Council Meeting week so we will need to move that meeting to November 12th which is a Tuesday (November 11th is a holiday). Also, I would like to attend the IIMC (International Institute of Municipal Clerks) conference the week of May 20th. We have a Council Meeting that week as well so I would like to move that meeting to the week before.
- **Mr. Skipps** asked when the Bed Tax Committee meeting was. City Clerk Binkley replied it is next Tuesday, November 27th at 6pm in Council Chambers.
- **Mr. Walley** asked since AML is the week of the 18th next year, if that's Thanksgiving week. City Clerk Binkley replied that Thanksgiving is the following week.
- Ms. Welch asked if there was anyone else that could run the Council meeting instead of
 moving it. City Clerk Binkley replied that in the past, there was a records
 manager/archivist who was part of the City Clerk's department. Since that position is not
 currently filled, there is no one else in the City Clerk's department.

ONGOING PROJECTS

None

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

None

OLD BUSINESS

ORDINANCE 18-29, AN ORDINANCE OF THE NORTH POLE CITY COUNCIL ESTABLISHING THE 2019 OPERATING AND CAPITAL BUDGET.

Mayor Welch and Ms. Fogarty introduced the ordinance.

Public Comment

None

Mr. Isaacson moved to advance Ordinance 18-29, An Ordinance of the North Pole City Council Establishing the 2019 Operating and Capital Budget.

Seconded by Mr. Cromer

Discussion

- Mr. Thompson stated he thought at this meeting we were going to bring forward some ideas from department heads that we could entertain for re-appropriation of funds. From his recollection of the last meeting, were going to entertain requests from department heads for things that aren't necessarily requested within the budget. Chief Dutra asked if Mr. Thompson was looking for the original proposed budgets that were submitted.
- Mayor Welch stated that he was exercising his authority as chief executive officer of the City to present the budget the way it is. When he first received the budget, there was a \$200,000 shortfall so agreements were made across the board on how the issued could be solved.
- Mr. Thompson stated he appreciates that but thinks that things have changed in transparency, which is of the utmost importance and that is why he has an issue with the budget as is. He understands it's a flat line budget and appreciates the efforts put into that. He doesn't like the idea that when we had the flat line budget, we don't have any input on how to reallocate funds because we have no idea what anybody needs. Chief Dutra stated that he thought the sticking point is the fact that the requested budgets that department heads submitted originally have not been shown to Council. He thought that that was going to happen at this meeting but may have been mistaken.
- **Mr. Cromer** stated he was confused because over the last 30 minutes, we have been going over the Excel spreadsheet. Are we not looking at the correct numbers?

- Mayor Welch stated that they are the right numbers that the department heads agreed on back in October.
- **Mr. Thompson** stated that he appreciates the flat budget but also thinks it's part of the Council's duties to make a determination whether or not there's going to be a tax increase as we did last year. Last year we increased taxes so we could fund additional services that the Council felt necessary because we were made aware of them
- Mr. Isaacson stated he was under the impression that perhaps at this Council meeting, we would have a revision, or at least a column request where it showed where the department heads' requests differed from the Mayor's. He reminded Council members that we have the Council appropriate column and can still move anything. He appreciates what Councilman Thompson is saying as far as transparency to the public. So as an attempt at maybe trying to reconcile some difference, we would like to see the original submitted budgets from the department heads. We want to make sure that the Council has the ability, even though it's the Mayor's budget, that Council appropriates the money and has the opportunity to really dig in and allocate it. Ms. Fogarty stated she would make the changes and forward it to Council.

PASSED

Yes: 6 – Skipps, Isaacson, Welch, Cromer, Walley, Welch

No: 1 – Thompson

Absent: 0

NEW BUSINESS

REQUEST FROM JESSE DOUGLASS FOR FORGIVENESS OF UTILITY BILLS LEFT BY TENANTS.

Mr. Butler introduced the request.

Public Comment

None

Mr. Isaacson moved to Deny the Request from Jesse Douglass for Forgiveness of Utility Bills Left by Tenants.

Seconded by Mr. Walley

Discussion

None

PASSED

Yes: 7 – Skipps, Thompson, Isaacson, Welch, Cromer, Walley, Welch

No: 0 Absent: 0

COUNCIL COMMENTS

Mr. Cromer – It's great to be back in Alaska from Australia. AML was good. It was great to learn about the process of how stuff works during NEO. It was very educational and I'm glad to be here.

Ms. Welch – AML was very informative. I did a lot of different breakout sessions and learned some interesting stuff that I will probably share at a later time. The meeting with the gas authority people was also very informative. Be careful out there on the road.

Mr. Isaacson – I noticed the ice is up over at Christmas in Ice. It's a neat thing and I encourage as many Council Members and citizens to help them as they have a lot of events and it's always a good experience to meet the public. I'll have committee reports available to you from AML so that we can share our experiences. The Christmas theme was a big deal at AML.

Mr. Thompson – Hope everyone has a good Thanksgiving.

Mr. Skipps – None

Mr. Walley – I hope everyone has a good turkey day. I was also at AML last week. I have to do a quick plug here. On Friday at the midnight, the official Christmas radio station (103.9 FM) will start playing continuous Christmas music all the way through Christmas.

Mayor Welch – I went to the Westmark Hotel on Veteran's Day (November 11th) and the whole room was packed. AML was a good experience. I was happy to meet some of the mayors and realize that we may think we have problems here, but we've got many blessings and some of the best blessings. You're invited to come on Wednesday at 11 to the all hands meeting where I'm going to give Thanksgiving to employees and ask them to continue to work for the better good of our community.

Mr. Isaacson moved to adjourn the meeting at 8:50 p.m.

Seconded by Ms. Welch

The regular meeting of Monday, November 19, 2018 adjourned at 8:51 p.m.

These minutes passed and approved by a duly constituted quorum of the North Pole City Council on Monday, December 3, 2018.

Michael W. Welch, Mayor **ATTEST:** Judy Binkley, North Pole City Clerk

CITY OF NORTH POLE 1 **ORDINANCE 18-29** 2 AN ORDINANCE OF THE NORTH POLE CITY COUNCIL 3 4 ESTABLISHING THE 2019 OPERATING AND CAPITAL BUDGET 5 WHEREAS, pursuant to City of North Pole Home Rule Charter Section VI the Mayor has 6 proposed an operating budget with anticipated income and expenditures of the City during the 7 next fiscal year; and 8 WHEREAS, pursuant to Title 4 Revenue and Finance Chapter 25 the Mayor has proposed 9 capital and vehicle fleet- reserve fund budgets for the City and City Utility that are contingent 10 upon council approval of the ordinance reinstating the funding mechanism; and 11 WHEREAS, The City of North Pole operates a water and sewer utility through an enterprise 12 fund and thus the Mayor has proposed an operating and capital budget for the Utility with 13 anticipated income and expenditures of the City during the next fiscal year; and 14 WHEREAS, The City of North Pole has established budgets for the City Debt Service, Non-15 Major and Community Funds that are outside of the general operating, capital and vehicle fleet-16 reserve budgets; and 17 WHEREAS, The Budget is a living document that needs to be adjusted as needed to reflect 18 actual conditions; and, 19 **NOW, THEREFORE, BE IT ORDAINED** by the Council of the City of North Pole: 20 Section 1. This ordinance is of a special nature and shall not be included in the North Pole Code 21 of Ordinances. 22

Section 2. There is hereby appropriated to the 2019 General Fund Operating Budget (Fund 1)

24 from the following sources of revenue for the City of North Pole in the amount indicated to the

25 departments named for the purpose of conducting the business of said departments of the City of

North Pole, Alaska, for the fiscal year commencing January 1, 2019 and ending December 31,

27 2019.

26

Revenue Source	Mayor	Council
	Recommended	Appropriation
Taxes: Property	612,500	612,500
Taxes: General Sales	3,899,999	3,899,999
Taxes: Alcohol	285,000	285,000
Taxes: Tobacco	165,000	165,000
Taxes: State collected Shared Taxes	15,000	15,000
Licenses and Permits	34,000	34,000
Fees & Services	589,300	589,300
Fines & Penalties	112,000	112,000
Intergovernmental Revenue	229,500	229,500
Other: Miscellaneous	19,500	19,500
Transfers in From Fund Balance (FB)	0	0
Transfer In (from other funds)	14,985	14,985
Total	5,976,784	5,976,784

28 29

Section 3. There is hereby appropriated to the 2019 General Fund Operating Budget (Fund 1) expenditures for the City of North Pole in the amount indicated.

30 31

Department Expenditures	Mayor Recommended	Council Appropriated	
Administration	526,495	526,495	
Clerk & HR	257,028	257,028	
Police Department	2,184,556	2,184,556	
Fire Department	2,259,423	2,259,423	
Public Works	749,282	749,282	
Total	5,976,784	5,976,784	

Section 4. There is hereby appropriated to the 2019 Major Enterprise Operating, Capital and Fleet Budget from the following sources of revenue for the City of North Pole Utilities in the amount indicated to the departments named for the purpose of conducting the business of said Utility Departments of the City of North Pole, Alaska, for the fiscal year commencing January 1, 2019 and ending December 31, 2019. A Major Enterprise Fund is used to account for operations that are financed and operated in a manner similar to a private business enterprise.

		M	ayors	C	ouncil
		Recomi	mendations	Appropriations	
Fund #	Description	Revenue	Expenditures	Revenues	Expenditures
25	Utility Fund Fleet	30,000	30,000	30,000	30,000
41	Utility Fund Water	857,258	857,258	857,258	857,258
42	Utility Fund Sewer	821,800	821,800	821,800	821,800
43	Utility Capital Projects	350,000	350,000	350,000	350,000
51	Water Fund Reserves	172,035	172,035	172,035	172,035
52	Sewer Fund Reserves	177,144	177,144	177,144	177,144
Total		2,408,237	2,408,237	2,408,237	2,408,237

Section 5. There is hereby appropriated to the 2019 North Pole City Budget revenue and expenditures for the following Capital and Vehicle Replacement-Reserve Funds in the amount indicated. The following Funds are committed by Ordinance and can only be used for the specific purpose as defined by City Code.

		Mayors		Council		
		Recomi	mendations	Appro	opriations	
Fund #	Description	Revenue	Expenditures	Revenues	Expenditures	
20	Capital Projects Reserves	114,250	114,250	114,250	114,250	
21	Admin Fleet Fund	15,401	15,401	15,401	15,401	
22	Fire Fleet Fund	220,000	220,000	220,000	220,000	
23	Police Fleet Fund	68,000	68,000	68,000	68,000	
24	Public Works Fleet Fund	80,000	80,000	80,000	80,000	
Total		497,651	497,651	497,651	497,651	

Section 6. There is hereby appropriated to the 2019 North Pole City Budget revenue and expenditures for the following Non-Major Funds in the amounts indicated. Non-Major Funds are established to finance a particular activity and are created from receipts of designated and restricted funds.

		Mayors Recommendations		· ·		uncil priations
Fund	Description			Revenues	Expenditures	
04	Building Department	188,904	188,904	188,904	188,904	
10	Litigation Fund	75,000	75,000	75,000	75,000	
12	ABADE- Dept of Justice	38,555	38,555	38,555	38,555	
13	ABADE – State Forfeitures	18,000	18,000	18,000	18,000	
14	IRS Forfeitures	260	260	260	260	
15	Impound Lot	60,000	60,000	60,000	60,000	
Total		380,719	380,719	380,719	380,719	

Section 7. There is hereby appropriated to the 2019 North Pole City Budget revenue and expenditures for the following Debt Service Fund in the amounts indicated. The Debt Service Fund is used to account for the accumulation of resources for, and the payment of, general obligation bond and special assessment debt principle, interest and related cost for issuance that are not accounted for elsewhere.

Fund	Description	Mayor		Council	
		Recommendation		Appropriations	
		Revenue	Expenditures	Revenues	Expenditures
3	Assessment Fund	146,288	146,288	146,288	146,288
Total		146,288	146,288	146,288	146,288

Section 8. There is hereby appropriated to the 2019 North Pole City Budget revenue and expenditures for the following Community Purpose Funds in the amounts indicated. Community Purpose Funds are established to finance a particular activity or event and are created from receipts of designated funds.

		N	I ayors	Council		
		Recom	mendations	Appro	priations	
Fund	Description	Revenue Expenditures F		Revenues	Expenditures	
05	Bed Tax Grant Fund	79,500	79,500	79,500	79,500	
08	North Pole Festival Fund	5,000	5,000	5,000	5,000	
09	NP Community Ice Rink	10,500	10,500	10,500	10,500	
Total		95,000	95,000	95,000	95,000	

Section 9. There is hereby appropriated to the 2019 North Pole City Budget revenue and expenditures for the following Grant Funds in the amounts indicated. The Grant Funds are used to account for the tracking of Grant projects and revenues and expenditures.

		Mayors Recommendations		· · · · · · · · · · · · · · · · · · ·			uncil priations
Fund	Description	Revenue Expenditures 1		Revenues	Expenditures		
30	Administration Grants	0	0	0	0		
31	Fire Department Grants	0	0	0	0		
32	Police Department Grants	75,621	75,621	75,621	75,621		
33	Public Works Grants	65,000	65,000	65,000	65,000		
11	Bryne Jag Grant	40,000	40,000	40,000	40,000		
Total		180,621	180,621	180,621	180,621		

Section 10. Supplemental: See appendix 2019 A for the budget breakdown of revenues and expenditures per individual account line.

Section 11. Effective date. This ordinance shall become effective January 1, 2019.

PASSED AND	APPROVED by	a duly consti	tuted quorum	of the North	Pole City	Council this
day of	, 2018.					

Michael W. Welch, Mayor

 ATTEST:

Judy L. Binkley, North Pole City Clerk

PASSED/FAILED

Yes:

No: Absent:

CITY OF NORTH POLE 1 2 ORDINANCE 18-31 3 AN ORDINANCE OF THE CITY OF NORTH POLE, ALASKA 4 5 TO AMEND THE 2018 POLICE DEPARTMENT BUDGET 6 7 WHEREAS, changes to the public services practices and policies is a continually changing 8 requirement; and, 9 10 WHEREAS, the City of North Pole budget should be amended to conform to the requirements 11 of the City; and, 12 13 WHEREAS, adjustment in the budget are necessary to remain compliant with council approved 14 authorizations and budget management rules, and 15 16 WHEREAS, fiscal notes are the method prescribed by the code to amend a budget; and, 17 18 WHEREAS, fiscal notes have been reviewed by the Accountant and Mayor for accuracy and 19 will be recorded as amendments to the budget upon approval, 20 21 **NOW, THEREFORE, BE IT ORDAINED** by the Council of the City of North Pole that it 22 approves changes as listed in the fiscal note to be attached to this ordinance for the purpose 23 managing the City budget. 24 25 **Section 1**. This ordinance is of a general nature and shall not be codified. 26 27 **Section.** Effective date. 28 This ordinance shall become effective immediately upon passage. 29 30 **PASSED AND APPROVED** by a duly constituted quorum of the North Pole City Council this 31 ____day of _____, 2018. 32 33 34 35 Michael W. Welch, Mayor 36 ATTEST: 37 38 39 40 Judy L. Binkley, North Pole City Clerk 41 42 PASSED/FAILED Yes: No: Absent:

City of North Pole Fiscal Note

Fiscal Year:	2018	Ordinance Number	er: <u>1</u>	.8-	_
Abbreviated Title	e: _An Ordinance of the O	City of North Pole.	Amending	2018 Bu	dget
Sponsor: <u>Mayor</u>	Welch, Chief Dutra and T	ricia Fogarty	_ Date: _	Nov 14, 2	2018
Financial Detail					

Fund	Account Description	Account Number	Debit	Credit
01	Leave Cash Out - Admin	01-51-1-006	3,000.00	
01	Audit & Finance - Admin	01-51-2-205		3,000.00
01	Office Equipment & Supplies-PD	01-53-3-335	852.41	
01	Equipment Outlay-PD	01-53-9-905		852.41
01	Building Maintenance-PD	01-53-7-700	6,000.00	
01	Wages Full Time – PD	01-53-1-001		6,000.00
01	Travel & Training – PD	01-53-5-510	3,500.00	
01	Wages Full Time – PD	01-53-1-001		3,500.00

Approved by: Tricia Fogarty, CFO	Approved by	Tricia Fogarty, CFO
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 \mathcal{NOTE} : Fiscal Notes are amendments to the budget, after ordnance approval.

125 Snowman Lane North Pole, AK 99705 P: 907-488-8583 F: 907-488-3002

C: 907-987-8583

judy.binkley@northpolealaska.org

City of North Pole Office of the City Clerk/HR Mgr

Memo

To: North Pole City Council

From: Judy L. Binkley

CC: Mayor Welch

Date: November 19, 2018

Re: Liquor License Renewal

City Council Members,

The ABC Board has contacted the City of North Pole as the following business is renewing their license within our jurisdiction.

License Type:	Package Store	License Number:	2227
Licensee:	AK, Inc.		
Doing Business As:	2 Go Mart #112		

The ABC Board is required under Alaska Statute to notify the City in writing that this establishment is renewing their liquor license so the City Council can file a "protest" if they so desire.

The City Council is provided information on any complaints regarding the establishment from the Police Department, Fire Department, and also if they are up to date with their City business license, water & sewer, and all sales tax.

As of this date, there are no violations against the establishment up for renewal and recommendation is for a vote of non-objection for the above business.

Thank you,

Judy Binkley, North Pole City Clerk



Department of Commerce, Community, and Economic Development

ALCOHOL & MARIJUANA CONTROL OFFICE 550 West 7th Avenue, Suite 1600 Anchorage, AK 99501

Main: 907.269.0350

November 16, 2018

City of North Pole Attn: Kathy Weber

Via Email: kathy.weber@northpolealaska.org

Cc: <u>kmajor@fnsb.us</u>

Re: Notice of 2019/2020 Liquor License Renewal Application

License Type:	Package Store	License Number:	2227
Licensee:	AK, Inc.		
Doing Business As:	2 Go Mart #112		

We have received a completed renewal application for the above listed license (see attached application documents) within your jurisdiction. This is the notice required under AS 04.11.480.

A local governing body may protest the approval of an application(s) pursuant to AS 04.11.480 by furnishing the director **and** the applicant with a clear and concise written statement of reasons for the protest within 60 days of receipt of this notice, and by allowing the applicant a reasonable opportunity to defend the application before a meeting of the local governing body, as required by 3 AAC 304.145(d). If a protest is filed, the board will deny the application unless the board finds that the protest is arbitrary, capricious, and unreasonable.

To protest the application referenced above, please submit your written protest within 60 days, and show proof of service upon the applicant and proof that the applicant has had a reasonable opportunity to defend the application before a meeting of the local governing body.

Sincerely,

Erika McConnell, Director

Euha M' Connell

amco.localgovernmentonly@alaska.gov



Alcohol and Marijuana Control Office 550 W 7th Avenue, Suite 1600 Anchorage, AK 99501

alcohol.licensing@alaska.gov https://www.commerce.alaska.gov/web/amco

Phone: 907.269.0350

Alaska Alcoholic Beverage Control Board

Master Checklist: Renewal Liquor License Application

Doing Business As:	2 Go	Mart #112			License Number:	2227	
License Type:	Pack	age Store					
Examiner:			OHN		Transaction #:	95623	33
Document		Received	Completed	Notes			
AB-17: Renewal Applic	ation	11/13/18	11/13/18				
App and License Fees		11/13/18	11/13/18				
Supplemental Docume	ent	Received	Completed	Notes			
Tourism/Rec Site State	ment						
AB-25: Supplier Cert (V	VS)						
AB-29: Waiver of Oper	ation						
AB-30: Minimum Oper	ation						
AB-33: Restaurant Affi	davit						
COI / COC / 5 Star		iji					
FP Cards & Fees / AB-0	8a						
Late Fee				DXW ===			
Names on FP Cards:		Weller Committee of the					
						Yes	No
Selling alcohol in respo	nse to v	vritten order (pa	ckage stores)?			Tes Tes	V
Mailing address and co	ntact in	formation differe	ent than in databa	se (if yes, update			
In "Good Standing" wit	h CBPL	(skip this and nex	at question for sol	e proprietor)?		X	
Officers and stockholde	ers mate	ch CBPL and data	base (if "No", det	ermine if transfer	necessary)?	X	
LGB 1 Response:			LGB 2 Res	oonse:			
Waive	Protest	Lapsed	Wai	ve Prote	st Lapsed		



Alaska Alcoholic Beverage Control Board

Package Store License

Form AB-17b: 2019/2020 Renewal License Application

What is this form?

This renewal license application form is required for all individuals or entities seeking to apply for renewal of an existing package store liquor license that will expire on December 31, 2018. All fields of this form must be complete and correct, or the application will be returned to you in the manner in which it was received, per AS 04.11.270 and 3 AAC 304.105. The Community Council field only should be verified/completed by licensees whose establishments are located within the Municipality of Anchorage or outside of city limits within the Matanuska-Susitna Borough.

This form must be completed correctly and submitted to the Alcohol & Marijuana Control Office (AMCO)'s main office, along with all other required documents and fees, before any renewal license application will be considered complete. Receipt and/or processing of renewal payments by AMCO staff neither indicates nor guarantees that an application will be considered complete, or that a license will be renewed.

S	ection 1 – Establishmen	t and Co	ntact Inform	nation	
Enter information for the bu	siness seeking to have its license renev	wed. If any po	pulated information	is incorrect, p	lease contact AMCO
Licensee:	AK, Inc.			License #:	2227
License Type:	Package Store			Statute:	AS 04.11.150
Doing Business As:	2 Go Mart #112				
Premises Address:	3392 Badger Road		***		
Local Governing Body:	City of North Pole (Fairbanks No	orth Star Bo	rough)		
Community Council:	None				
					-
Mailing Address:	1450 N. Benson A	we. U	nitA		
City:	upland	State:	CA	ZIP:	91784
Enter information for the ind must be a licensee who is req	ividual who will be designated as the p juired to be listed in and authorized to	orimary point sign this appl	of contact regarding	g this applicati	on. This individual
Contact Licensee:	Rawa Anabi		Contact Phone:	(909	1394-4728
Contact Email:	sireifej@carent	erpriso	es.net		1120
Optional: If you wish for AMC this application and other ma	O staff to communicate with individua tters pertaining to the license, please p	I who is <u>not a</u>	licensee named on	this form (eg:	egal counsel) about fields below.
Name of Contact:	SUMMER Ireifej		Contact Phone:		1394-4728
Contact Email:	Streife Q carente	rprise	5.net	1011	1
[Form AB-17b] (rev 09/17/2018)					Page 1 of 4

ALCOHOL MARUUANA CUNTRUC UFFICE

Alcohol and Marijuana Control Office 550 W 7th Avenue, Suite 1600 Anchorage, AK 99501 alcohol.licensing@alaska.gov

Phone: 907.269.0350

https://www.commerce.alaska.gov/web/amco



Alaska Alcoholic Beverage Control Board

Form AB-17b: 2019/2020 Package Store Renewal License Application

Section 2 - Entity or Community Ownership Information

This top subsection must be completed by any licensee that is a <u>corporation</u> or <u>LLC</u>. Corporations and LLCs are required to be in good standing with the Alaska Division of Corporations, Business & Professional Licensing (CBPL). This number is neither your EIN/tax ID number, nor your business license number. You may view your entity's status or find your CBPL entity number by vising the following site: https://www.commerce.alaska.gov/cbp/main/search/entities

General partnerships and local governments should skip to the second half of this page. Licensees who directly hold a license as an individual or individuals should skip to Section 3.

Alaska CBPL Entity #:	10024884	
-----------------------	----------	--

You must ensure that you are able to certify the following statement before signing your initials in the box to the right:

Initials

I certify that this entity is in good standing with CBPL and that all current entity officials and stakeholders (listed below) are also currently and accurately listed with CBPL.



This subsection must be completed by any **community** or **entity**, including a corporation, limited liability company, partnership, or limited partnership, that is applying for renewal. If more space is needed, please attach additional completed copies of this page.

- If the applicant is a <u>corporation</u>, the following information must be completed for each <u>stockholder who owns 10% or more</u> of the stock in the corporation, and for each <u>president</u>, <u>vice-president</u>, <u>secretary</u>, and <u>managing officer</u>.
- If the applicant is a <u>limited liability organization</u>, the following information must be completed for each member with an ownership interest of 10% or more, and for each manager.
- If the applicant is a <u>partnership</u>, including a limited partnership, the following information must be completed for each *partner* with an interest of 10% or more, and for each general partner.

<u>Important Note:</u> The information provided in the below fields (including spelling of names, specific titles, and percentages held) must match that which is listed with CBPL. If one individual holds multiple titles mentioned in the bullets above, all titles must be listed for that individual on this application and with CBPL. Failure to list all required titles constitutes an incomplete application.

Name of Official:	Rawa Anabi Trustee of the	e Sammer	and Rawa Anah	Family	Trusa
Title(s):	Shareholder		(909)3944728		The state of the s
Mailing Address:	1450 N. Benson A				
City:	upland	State:	CA	ZIP:	91786

Name of Official:	Rawa Anabi	30-			
Title(s):	Director Secretary	Phone:	(909)394-4728	% Ow	ned:
Mailing Address:	1450 N. Benson AV	e Uni			
City:	upland	State:	cA	ZIP:	91786

Name of Official:	Sammer I Anabi 95 Trus	tee of th	e Sanner and Rawa	Anat	or Family Trus
Title(s):	Shareholder	0.00	(909) 394-4728	3-0705	
Mailing Address:	1450 N. Benson Ave		10. 00. 0 - 00.		
City:	upland	State:	CA	ZIP:	91786

[Form AB-17b] (rev 09/17/2018) License #2227 DBA 2 Go Mart #112



Page 2 of 4



Alaska CBPL Entity #:

Alaska Alcoholic Beverage Control Board

Form AB-17b: 2019/2020 Package Store Renewal License Application

Section 2 - Entity or Community Ownership Information

This top subsection must be completed by any licensee that is a corporation or LLC. Corporations and LLCs are required to be in good standing with the Alaska Division of Corporations, Business & Professional Licensing (CBPL). This number is neither your EIN/tax ID number, nor your business license number. You may view your entity's status or find your CBPL entity number by vising the following site: https://www.commerce.alaska.gov/cbp/main/search/entities

General partnerships and local governments should skip to the second half of this page. Licensees who directly hold a license as an individual or individuals should skip to Section 3.

Alaska CBPL Entity #	: 10024884		4		
You must ensure that you	u are able to certify the following state:	ment before s	signing your initials in the	box to the ri	g ht: Initials
I certify that this entity is are also currently and acc	in good standing with CBPL and that all curately listed with CBPL.	current entit	y officials and stakeholder	s (listed belo	w) RA
 If the applicant is a continuous the stock in the corporation of the applicant is a line ownership interest of the applicant is a part with an interest of 10 match that which is listed 	ompleted by any community or entity, is applying for renewal. If more space is representation, the following information must bration, and for each president, vice-presented liability organization, the following 10% or more, and for each manager. The artnership, including a limited partnership or more, and for each general partnership or more, and for each general partnership with CBPL. If one individual holds multip lication and with CBPL. Failure to list all responses.	needed, pleas ust be comple sident, secrete g information ip, the followi ir. luding spelling le titles ment	e attach additional completed for each stockholder wary, and managing officer must be completed for each gofficer must be completed in the bullets above	eted copies on who owns 10 c. ach member is completed for and percental all titles must	f this page. % or more of with an each partner ages held) must
Name of Official:	Sammir Anabi	equired titles	constitutes an incomplete	e application.	<u> </u>
Title(s):	Director, President, Treas.	Phone:	(909) 394-4728	% Owner	d:
Mailing Address:	1450 N. Benson Av	е.			
City:	upland	State:	cA	ZIP:	91786
Name of Official:					
Title(s):		Phone:		% Owner	d:
Mailing Address:					
City:		State:		ZIP:	
Name of Official:			100		
Title(s):		Phone:		% Owned	ı:
Mailing Address:		an environmental			

State:

City:

[Form AB-17b] (rev 09/17/2018)

License #2227 DBA 2 Go Mart #112

ZIP:



Alaska Alcoholic Beverage Control Board

Form AB-17b: 2019/2020 Package Store Renewal License Application

Section 3 – Sole Proprietor Ownership Information

This section must be completed by any licensee who directly holds the license as an <u>individual or multiple individuals</u> and is applying for license renewal. If more space is needed, please attach a separate sheet that includes all of the required information. Entities should skip to Section 4. The following information must be completed for each licensee and each affiliate (spouse).

Name:		Con	tact Phone:			
Mailing Address:			- Indic.			
City:	Sta			710		
Email:	Sta	.e.		ZIP:	l	_
This individual is an: applicar	t affiliate (spouse)					
Name:		Cont	act Phone:			
Mailing Address:						***
City:	Stat	e:		ZIP:		
Email:	***					
certify that all licensees, agents, ar ave completed an alcohol server e	Section 4 – Alcohol Servour initials in the box to the right of a demployees who sell or serve alcohol ducation course approved by the ABC ased premises during all working hour	the statement lic beverages Board and kee	cr check identificate current, valid c	opies of th	eir	Initia
certify that all licensees, agents, ar nave completed an alcohol server e	d employees who sell or serve alcoho ducation course approved by the ABC used premises during all working hour	the statement lic beverages Board and kee s, as set forth	er check identifica ep current, valid c in AS 04.21.025 a	opies of th	eir	Initia
certify that all licensees, agents, ar nave completed an alcohol server e course completion cards on the lice	d employees who sell or serve alcoho	lic beverages Board and kee s, as set forth	cor check identificate current, valid coin AS 04.21.025 a	opies of th	eir	Initia PA
certify that all licensees, agents, ar nave completed an alcohol server e course completion cards on the lice	d employees who sell or serve alcoho ducation course approved by the ABC used premises during all working hour section 5 – License year that best describes how this liquid.	lic beverages Board and kee s, as set forth	cor check identificate current, valid coin AS 04.21.025 a	opies of th	eir 804.465.	Rt
certify that all licensees, agents, are nave completed an alcohol server encourse completion cards on the licenses completion cards on the licenses completion cards on the licenses cards as a single box for each calendar	d employees who sell or serve alcoholucation course approved by the ABC used premises during all working hour section 5 – License year that best describes how this liquontinuously throughout each year.	lic beverages Board and kee s, as set forth	cor check identificate current, valid coin AS 04.21.025 a	opies of th	eir 804.465.	B
certify that all licensees, agents, are lave completed an alcohol server endered course completion cards on the license course completion cards on the license was regularly operated of the license was regularly operated of the license was only operated to me	d employees who sell or serve alcohol ducation course approved by the ABC used premises during all working hour section 5 – License year that best describes how this liquenting a specific season each year. Let the minimum requirement of 240 to be year AB-30: Proof of Minimum Course alcohol was a specific season.	lic beverages Board and kees, as set forth Operation of the license was set and licen	cr check identificate current, valid coin AS 04.21.025 a	opies of the	eir 804.465.	B

[Form AB-17b] (rev 09/17/2018) License #2227 DBA 2 Go Mart #112



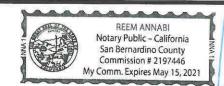


Alaska Alcoholic Beverage Control Board

Form AB-17b: 2019/2020 Package Store Renewal License Application

Section 6 – Written Orders		
Written orders in calendar years 2019 and 2020:	Yes	No
Do you intend to sell alcoholic beverages and ship them to another location in response to written solicitation in calendar years 2019 and/or 2020?		
Section 7 - Violations and Convictions		
Applicant violations and convictions in calendar years 2017 and 2018:	Yes	No
Have any notices of violation (NOVs) been issued to this licensee in the calendar years 2017 or 2018?		\square
Has any person or entity named in this application been convicted of a violation of Title 04, of 3 AAC 304, or a local ordinance adopted under AS 04.21.010 in the calendar years 2017 or 2018?		
If "Yes" to either of the previous two questions, attach a separate page to this application listing all NOVs and/or of	convictio	ns.
Section 8 - Certifications		
Read each line below, and then sign your initials in the box to the right of each statement:		Initials
I certify that all current licensees (as defined in AS 04.11.260) and affiliates have been listed on this application, and in accordance with AS 04.11.450, no one other than the licensee(s) has a direct or indirect financial interest in the licensed business.	l that	RA
I certify that I have not altered the functional floor plan or reduced or expanded the area of the licensed premises, and I have not changed the business name or the ownership (including officers, managers, general partners, or stakeholders) from what is currently approved and on file with the Alcoholic Beverage Control (ABC) Board.		RH
I certify on behalf of myself or of the organized entity that I understand that providing a false statement on this form any other form provided by AMCO is grounds for rejection or denial of this application or revocation of any license is:		PA
As an applicant for a liquor license renewal, I declare under penalty of perjury that I have read and am familiar with A 3 AAC 304, and that this application, including all accompanying schedules and statements, is true, correct, and comprovide all information required by the Alcoholic Beverage Control Board or AMCO staff in support of this application that failure to do so by any deadline given to me by AMCO staff will result in this application being returned to me as Signature of licensee	olete. I ag	ree to erstand
Kawa Anabi Notary Public in and for the State of	mi	a.
Printed name of licensee My commission expires:	y 15,	202
Subscribed and sworn to before me this 5th day of November		20 18
Yes No Seasonal License? If "Yes", write your six-month operating period:		
License Fee: \$ 1500.00 Application Fee: \$ 300.00 TOTAL: \$ 1	800.00	
Miscellaneous Fees:		
GRAND TOTAL (if different than TOTAL):		

[Form AB-17b] (rev 09/17/2018) License #2227 DBA 2 Go Mart #112





Department of Commerce, Community, and Economic Development CORPORATIONS, BUSINESS & PROFESSIONAL LICENSING

State of Alaska / Commerce / Corporations, Business, and Professional Licensing / Search & Database Download / Corporations / Entity Details

ENTITY DETAILS

Name(s)

Туре	Name
Legal Name	AK, Inc.

Entity Type: Business Corporation

Entity #: 10024884

Status: Good Standing

AK Formed Date: 11/4/2014

Duration/Expiration: Perpetual

Home State: ALASKA

Next Biennial Report Due: 1/2/2020

Entity Mailing Address: 1450 NORTH BENSON AVE UNIT A, UPLAND, CA 91786

Entity Physical Address: 3085 MOUNTAINWOOD CIRCLE, JUNEAU, AK 99801

Registered Agent

Agent Name: PARACORP INCORPORATED

Registered Mailing Address: PO BOX 33735, JUNEAU, AK 99803

Registered Physical Address: 3085 MOUNTAINWOOD CIR, JUNEAU, AK 99801

Officials

AK Entity		Show Former (None on file)		
#	Name	Titles	Owned	
	Rawa Anabi	Director, Secretary		
	Rawa Anabi as Trustee of the Sammer and Rawa Anabi Family Trust	Shareholder	51	

AK Entity #	Name	Titles	Owned
	Sammer I. Anabi as Trustee of the Sammer and Rawa Anabi Family Trust	Shareholder	49
	Sammir Anabi	Director, President, Treasurer	

Filed Documents

Date Filed	Туре	Filing	Certificate
11/04/2014	Creation Filing	Click to View	Click to View
12/05/2014	Initial Report	Click to View	
11/17/2015	Certificate of Compliance		Click to View
12/17/2015	Certificate of Compliance		Click to View
12/31/2015	Biennial Report	Click to View	
12/12/2017	Biennial Report	Click to View	
10/25/2018	Entity Address Change	Click to View	
10/29/2018	Change of Officials	Click to View	

 $\begin{array}{c} \text{COPYRIGHT @ STATE OF ALASKA} \cdot \underline{\text{DEPARTMENT OF COMMERCE, COMMUNITY, AND ECONOMIC}} \\ \underline{\text{DEVELOPMENT}} \cdot \underline{\text{EMAIL THE WEBMASTER}} \\ \end{array}$

Sponsored by: Mayor Welch **Introduced**: December 3rd, 2018

C	CITY OF NORTH POLE	
	RESOLUTION 18-15	
A RESOLUTION ESTABLISHING	G THE 2019 CITY OF NOR DISTRIBUTION	TH POLE BED TAX GRANT
WHEREAS , the purpose of the Bed Tax to the growth and promotion of the City of	•	efforts to contribute significantly
WHEREAS, The Bed Tax Grant is to sup the grant guidelines; and	pplement an ongoing program	or aid in a new program that meets
WHEREAS, the City Council has create	ed a competitive process for di	sbursing bed tax grant monies; and
WHEREAS, 2019 applicants have reque	ested \$198,166.50 in disburser	ments; and
WHEREAS, the 2019 allocation for dish	oursement is \$59,573.00; and	
WHEREAS, all organizations presented and	to the North Pole Bed Tax Co	ommittee on November 27th, 2018;
WHEREAS, all individual allocations w	vere averaged against the who	le to derive the 2019 award; and
WHEREAS, the applicants have been av determined by North Pole Municipal Coo		for 2019 based on calculations
Junior Dog Mushers of	Interior Alaska	\$8,353.03
Explore Fairbanks		\$7,897.52
North Pole Lions Club		\$13,264.13
-	Chamber of Commerce	\$12,727.55
Christmas in Ice, Inc.		\$15,965.84
Santa's Letters		\$1,364.93
NOW THEREFORE BE IT RESOLVE the 2019 bed tax grant to be available Jar		Council allocates disbursement of
PASSED AND APPROVED by a duly of, 2018.	constituted quorum of the Nor	rth Pole City Council thisday
		Michael W. Welch, Mayor
ATTEST:		
Judy L. Binkley, North Pole City Clerk		
	PASSED/FAILED Yes: No:	
	Absent:	

Sponsored by: Mayor Welch **Introduced**: December 3rd, 2018

- 36 Grant Award Criteria
- a. Show how use of the funds will contribute significantly to the growth and promotion of the
- 38 City of North Pole.
- 39 b. Show how the grant monies will be used to supplement a successful ongoing program of
- 40 activities or a new program that needs initial support to accomplish its stated goals

125 Snowman Lane North Pole, AK 99705

P: 907-488-8583 F: 907-488-3002 C: 907-987-8583

judy.binkley@northpolealaska.org

City of North Pole Office of the City Clerk/HR Mgr

Memo

To: North Pole City Council

From: Judy L. Binkley

CC: Mayor Welch

Date: November 26, 2018

Re: Approval request for the 2019 City Council Meeting Schedule

City Council Members,

I am submitting, for your approval, the 2019 City Council Meeting schedule. I am requesting to amend the schedule by changing the following meetings:

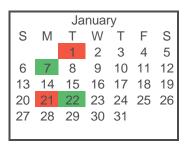
- Monday, May 20, 2019 → Monday, May 13, 2019
- Monday, November 18, 2019 → Tuesday, November 12, 2019

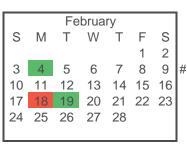
Thank you,

Judy Binkley, North Pole City Clerk

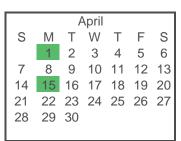
Holidays - Red Council Meeting- Green

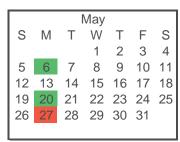
2019 Council Calendar

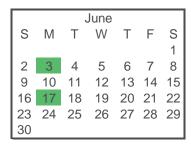


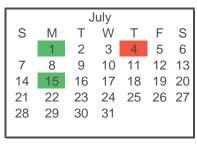


	March					
S	M	Т	W	Τ	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						





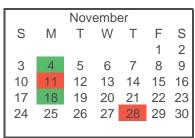


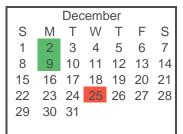


August						
S	M	Т	W	Т	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

September						
S	M	Т	W	Τ	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

October						
S	M	Τ	W	Т	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
			16			
20	21	22	23 30	24	25	26
27	28	29	30	31		





Holidays:

New Years Day - January 1
Martin Luther King Day - January 21
Presidents Day - February 18
Memorial Day - May 27
Independence Day - July 4
Labor Day - September 2
Veterans Day - November 11
Thanksgiving Day - November 28
Christmas Day observed - December 25

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: November 28, 2018

Subject: Acceptance of a professional services agreement with PDC Engineers for engineering

services for Moose Creek Water System Expansion Project

Recommendation

Approve a professional services agreement with PDC Engineers to provide engineering, design, permitting, surveying, easement acquisition, bidding and construction administration support for the Moose Creek Water System Expansion Project for \$3,414,403. Award of the agreement to PDC shall be dependent upon an award from the US Air Force/Army Corps of Engineers to the City of North Pole to finance 100% of PDC's agreement.

Background

PDC Engineers has a long history of providing engineering and design services for the City. Much of the City's utility infrastructure from the 1980s to today was designed by PDC, including but not limited to, water and sewer mains, treatment works and pump houses. In support of this construction, PDC has developed a water flow model for the Utility that supports engineering and design of projects. Not having to recreate this water flow model will be beneficial for the Moose Creek Water System Extension Project. PDC's lead project engineer for the Moose Creek Project, Keith Hanneman, has worked on utility projects in the City since the 1980s. PDC also has extensive experience across Alaska designing and engineering utility projects from Anchorage to the North Slope. When the City first engaged the US Air Force about the North Pole Utility as a potential source of drinking water, PDC assisted the City at no charge to propose a conceptual design for extension of utility services to Moose Creek. This assistance helped the Utility to be considered by the USAF as a viable alternative source of drinking water.



November 25, 2018

Bill Butler Director of City Services 125 Snowman Lane North Pole, Alaska 99705

SUBJECT:

City of North Pole - Moose Creek Water Expansion

Statement of Services and Fee Proposal

A01097C0000015232B5B7B4000005F8
Matthew R
1A01097C0000015232B5B7B4000005F8

Bill,

Thank you for the opportunity to provide the design, permitting, bidding and construction administration services for the proposed expansion of the City's water system to provide clean city water to the residents in the PFOS/PFOA contamination area Moose Creek.

We look forward to working with you and Paul to develop this project in a manner that the City can support/maintain in the future.

Sincerely,/

Keith L. Hanneman, P.E.

Civil and Environmental Principal

PDC Engineers

Matt Emerson, P.E.

President

PDC Engineers

Attachments:

City of North Pole - Moose Creek Water Expansion, Statement of Services and Fee Proposal

Anchorage | **Fairbanks** | Juneau | Palmer | Soldotna 1028 Aurora Dr., Fairbanks, AK 99709 907.452.1414



City of North Pole – Moose Creek Water Expansion

STATEMENT OF SERVICES November 25, 2018

The City of North Pole (Client) requested design services to extend the public water system to Moose Creek. The Air Force discovered the presence of perfluorochemicals (PFCs) in the drinking water wells of the community of Moose Creek. These chemicals migrated into the groundwater following use of PFC-containing aqueous film-forming foam (AFFF) used for airfield firefighting/training at the adjacent Eielson Air Force Base (EAFB). The objective of this project is to provide Moose Creek with a reliable source of safe drinking water.

Potable water will be supplied by the City of North Pole. A new water transmission main will carry water to a new storage tank and pump station located near the center of the Community of Moose Creek that will allow freeze protection of the main and balancing of local demands on the existing North Pole system. The local distribution system will be pressurized and circulated with heat input to prevent freezing during winter. Each occupied property will have a service connection. The new system will be maintained and operated by the City of North Pole.

This project will include:

- New greensand filter to be installed in North Pole water treatment plant (WTP) (there
 is space available already)
- Water transmission main between North Pole and Moose Creek (30,000 feet, 6-inch diameter)
- Water storage tank (250,000 gallon welded)
- Pumphouse building (, chlorination equipment, boilers and heat exchangers, circulation pumps, external back-up generator)
- Water distribution mains installed in Moose Creek (48,000 feet, 4 and 6-inch diameter)
- Water service connections at 200 properties
- Disposal of current granular activated carbon (GAC) filtration systems or water tanks (200 properties)
- Decommissioning of existing wells to ADEC Standards

At this time, it is anticipated that the transmission line from North Pole to Moose Creek will be HDPE, the water distribution mains within Moose Creek contamination area will be Ductile Iron Pipe (DIP), and water services will be copper. Water system construction will require trenching, excavating, and directional drilling techniques. The water storage tank is anticipated to be welded steel. Design development will include evaluation of piping materials, finalizing the pipe layout, sizes, and associated infrastructure, as well as identifying where directional drilling may be required.

This Statement of services details the scope to be provided by PDC Engineers (ENGINEER).

ENGINEER REQUIREMENTS

Upon this Agreement becoming effective, the ENGINEER shall perform the following tasks:

Concept Design

- 1. Develop agenda and host planning charrette for agencies and stakeholders to take part in the concept planning with focus on the transmission main between North Pole and Moose Creek. Prior to charrette, review the:
 - a. North Pole water plant drawings, current capacity and needed capacity to determine adequacy of new greensand filter.
 - b. Capacity needs for the Moose Creek community based on number of users.
 - c. WTP pressure pump capacity and any necessary changes.
 - d. North Pole water storage capacity and need for additional storage at Moose Creek.
 - e. Well capacity and coordinate with ADNR for additional usage if we are near the limit with the projected usage.
 - f. ROW plans, subdivision plats, and readily available easement documents.
- 2. Provide LiDAR check surveys to verify accuracy and positioning. Plan to utilize the FNSB 2012 LiDAR initially and 2017 as it becomes available.
- Obtain locates and survey existing utilities.
- 4. Prepare survey base-mapping for the project with control.
- 5. Coordinate with agencies including City of North Pole, Air Force, USACE, ADOT, FNSB, Alyeska Pipeline, IGU, and Alaska Railroad.
- 6. Route and size the water transmission main from Dawson Street to Moose Creek
- 7. Route distribution main piping in Moose Creek to serve all 200 properties.
- 8. Develop hydraulic model and size distribution pipes.
- 9. Evaluate piping materials to determine extent that HDPE can be installed.
- 10. Develop concept drawing to show proposed routing and pipe sizes.
- 11. Obtain and review title reports for parcels where proposed routing is not within public rightof-ways or appropriate easements.
- 12. Provide agency scoping, historical research (SHPO) and public involvement.
- 13. Initiate Environmental Assessment.
- 14. Develop technical memo with concept plan.

35% Design

- 1. Design surveys to acquire and establish survey control and topographic information at pumphouse and storage tank site.
- 2. Update survey basemap.
- 3. Provide Environmental and Cultural investigations (see Permitting section below)
- 4. Provide geotechnical investigations. Field investigation to include 25 borings to ~10 feet and includes field geologist time and laboratory testing of soil samples (moisture contents, frozen unit weights, and grain size distribution on select samples). The intent of the borings is to characterize soils in areas mapped or considered to be high risk for subsurface conditions that could impact constructability or long-term performance of the gas line. High

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risk areas include slough crossings or wet fine-grained soils with potential for significant and/or differential frost heave, shallow permafrost, thaw unstable peat or organic soils, or soft compressible organic silt soils.

- 5. Development of specific geotechnical design and construction recommendations for high risk areas
- 6. Visit each property to determine the best route for the service lines.
- 7. Obtain system maps and coordinate with other Utilities including GVEA, ACS, and IGU
- 8. Develop 35 Drawings
 - a. Title Sheet, Index, Abbreviations, Notes
 - b. Site drawings to allow for key maps in the drawing set.
 - c. Plan and profile sheets of the water transmission and distribution mains.
 - d. Plans for pumphouse and storage tank. This will include civil, architectural, structural, mechanical, and electrical.
 - e. Site sections for pumphouse and tank pad
 - f. Detail sheets for water system, building and tank.
 - g. Service layout sheets along with table that shows sizes, lengths, circulation pump size, and specific notes on the property.
 - h. Develop details for well decommissioning to meet ADEC standards.
- 9. Provide budgetary construction cost estimate.
- 10. Review right of way and easements needed.
- 11. Provide ROW permitting coordination.
- 12. Estimate heat loss through the distribution system to determine amount of make-up heat to be added into the system at the Moose Creek pumphouse.
- 13. Coordinate with project team. There will be weekly meetings for general discussion but otherwise coordination will occur as needed.
- 14. Coordinate with City weekly or as needed to inform of progress and any project needs.

65% Design

- 1. Attend review meeting with the City and other stakeholders to discuss comments on the 35% submittal.
- 2. Update drawing sheets based on review comments and to further develop the project, including:
 - a. Plan and profile sheets
 - b. Pumphouse and storage tank plans D
 - c. Detail sheets
 - d. Service layouts and table
- 3. Develop draft technical specifications in CSI format.
- 4. Provide updated construction cost estimate.
- 5. Update heat loss calculations based on any updates to lengths and sizes and coordinate with mechanical to size boilers and heat exchangers.
- 6. Prepare easement documents and coordinate with City and property owner for acquisition. Assuming that we will need 30.
- 7. Provide ROW permitting coordination.

- 8. Coordinate with project team through weekly meetings and as needed.
- 9. Coordinate with City as needed to inform of progress and any project needs.

95% Design

- 1. Attend review meeting with the City and other stakeholders to discuss comments on the 65% submittal.
- 2. Update General Drawing Sheets based on review comments and to further develop the project, including:
 - a. Plan and profile sheets
 - b. Pumphouse and storage tank plans D
 - c. Detail sheets
 - d. Service layouts and table
 - e. Develop control points and tables for construction.
- 3. Update technical specifications
- 4. Develop Division 1 specifications to support the technical specifications and the contract documents.
- 5. Develop Contract Documents (Division 0) based on EJDCD templates.
- 6. Coordinate with estimator to provide project specifics for construction estimate.
- 7. Prepare ADEC Application for Approval to Construct. Note the review fees will be paid by the Engineer.
- 8. Provide ROW permitting coordination.
- 9. Coordinate with project team through weekly meetings or as needed.
- 10. Coordinate with City as needed to inform of progress and any project needs.

Final Construction Documents

- 1. Attend review meeting with the City and other stakeholders to discuss comments on the 95% submittal.
- 2. Finalize drawings based on comments and to provide necessary detailing for construction.
- 3. Coordinate with project team as needed.
- 4. Coordinate with City as needed.
- 5. Finalize technical and Division 1 specs
- 6. Finalize the Contract Documents (Division 0)

Bidding Phase Services

- 1. Attend prebid conference with Contractors interested in bidding as well as the City to generally describe the project.
- 2. Respond to bidding questions and provide addendum to formalize responses to Contractors.
- 3. Review bid results with City and provide recommendation of award.

Construction Administration

- 1. Attend pre-construction meeting with contractor, Owner and design team.
- 2. Review submittals for products required by technical specifications.

- 3. Respond to construction questions (DCVRs) as needed.
- 4. Verify and flag primary construction control.
- 5. Provide onsite Project Representatives (1-lead/manager and 2 dedicated field staff) to observe construction and quality control, field questions from the contractor and residents.
- 6. Review Change Order requests and recommend to the City course of action.
- 7. Review pay requests each month to verify quantities match with what has been installed.
- 8. Attend weekly meetings with contractor.
- 9. Attend substantial and final inspections.
- 10. Review contractor redlines to verify they include all updates made during construction.
- 11. Prepare Record Drawings for ADEC submittal and ROW permit as well as for the City of North Pole records.
- 12. Prepare ADEC Interim and Final Approval Applications

Permitting

The Engineer will coordinate with USAF to determine the necessary level of NEPA documentation for this project. For the purposes of the scope, an Environmental Assessment level of effort is assumed. The Engineer's team will perform field work to assess environmental impacts, for the purposes of NEPA documentation as well as permitting. It is assumed that wetland, raptor, fisheries, and cultural resources studies as well as contaminated site investigations may be required if adequate information to assess potential effects on those resources does not exist for the project area.

The Engineer will identify all permits anticipated to be required for the project and recommend a permitting approach. The City of North Pole and the USAF will provide initial information gathered to date. However, this information is not intended to be totally inclusive and should be reviewed by the Engineer for sufficiency and appropriateness. The Engineer is expected to verify and expand upon any initial information provided. The Engineer shall coordinate closely with the City of North Pole and the USAF to ensure that the most current project lands and proposed uses are analyzed. The Engineer shall identify all necessary permits and authorizations and the responsible agencies; and prior to contacting such agencies, shall coordinate with the City of North Pole and the USAF to ensure consistent messaging.

Permits will be needed for work within the ROW of the ADOT&PF, Alaska Railroad and Eielson to North Pole fuel lines, along with the USACE, FNSB, and City of North Pole and Department of Natural Resources (DNR). Close coordination with the planning and engineering group within each of these entities will be needed. There are crossings and work along the corridor of the Alaska Railroad Corporation, for which additional time will be needed to work through.

The Engineer's permitting team will develop a permitting strategy for acquiring a U.S. Army Corps of Engineers Section 404 and 408 permits, Alaska Department of Environmental Conservation (ADEC) 401 Clean Water Certification, and an Alaska Department of Fish and Game (ADF&G) Habitat Permit, an FNSB floodplain permit, as well as DNR Temporary Water Use and Land Use permits.

The Engineer will support the USAF's responsibilities under Section 106 of the National Historic Preservation Act (NHPA; 36 CFR 800) and AS 41.35.070. The sub-Engineer Northern Land Use Research Alaska (NLURA), in conjunction with Engineer's staff will provide strategic historic and cultural research/report support for completing the Section 106 process, in coordination with other required permits.

Permitting Services:

- Engineer will provide a Permitting Plan describing all permitting analysis conducted for the project, a list of permits expected to be required, and an anticipated permitting schedule.
 The plan shall include documentation of all agency correspondence. The permit plan list will include at a minimum:
 - Permit agency
 - Permit name
 - Permit fee (if any)
 - Permit review duration
 - Activities
 - Milestones
 - Critical path
- 2. Provide USACE NEPA Environmental Documentation (Environmental Assessment assumed.)
- 3. Provide SHPO Consultation and potential cultural resources assessment of project area
- 4. Complete field work. Field work is expected to include wetland delineation to support preliminary desktop delineations performed for the environmental document.
- 5. Develop permit packages. Anticipated permits include:
 - USACE Section 404 wetland
 - FNSB Floodplain
 - DNR Temporary Water Use
 - ADF&G Fish Habitat
 - DNR Land Use permit
 - USACE Flood Control Permit 408
- 6. Obtain permissions and authorizations include consultation with ADEC regarding the PFOS contamination as well as any other contaminated sites identified within the project area. A work plan will likely be required for construction and the Engineer will coordinate with ADEC to determine the necessary components of this work plan.
- 7. Initiate consultation letters for Section 106
- 8. Attendance by cultural resources staff for Section 106 meetings in Fairbanks
- 9. Coordinate with SHPO to get Section 106 clearance.
- 10. Respond to requests for additional information: Following submittal of permit applications Engineer will provide responses to requests for additional information from the permitting agencies.

CLIENT RESPONSIBILITIES

Client will provide:

- 1. All criteria and full information as to OWNER's requirements for the Project.
- 2. Drawings of recently modified WTP, and new Peridot pumphouse and water storage tank.
- 3. Shop drawings and specifications for the recently installed greensand filters in the WTP.
- 4. Review comments at each submittal stage
- 5. Access to buildings to confirm asbuilt drawings.

ASSUMPTIONS

Engineering and Survey Assumptions:

- 1. Scope and fee for ADNR as-built easements, if any, will be negotiated under separate contract after ADNR issues specific survey instructions.
- 2. Submittals will be made electronically by pdf. Drawings will be 11"x17" pdf.

Permitting Assumptions:

- 1. U.S. Air Force construction permits are anticipated for the crossings of the fuel line from the Petro Star Refinery to Eielson.
- 2. Bureau of Indian Affairs (BIA) Revocable Use Permit and ROW to cross Native allotments are not anticipated in this phase, The Bureau of Indian Affairs (BIA) Revocable Use Permit must be obtained prior to conducting field work on Native allotments. This permit, and the ROW across allotments, requires input from the original allottee or all of their heirs if the original allottee has passed away. Locating heirs can be time-consuming and these should be considered long lead time permits.
- 3. Impacts to anadromous and resident fish bearing streams will be minimized to the extent practicable using horizontal directional drilling and as such ADF&G Fish Habitat permitting will require a low level of effort
- 4. An Individual Permit will be required by the USACE for wetlands
- 5. Information to be collected from publicly available resources
- 6. The majority of potential impacts to historic properties can be avoided through design commitments and avoidance strategies during construction

SCHEDULE

The schedule for the project is as follows:

1.	Notice to Proceed:	December 17, 2018
2.	Concept Design	February 15, 2019
3.	35% Design	May 22, 2019
4.	65% Design	July 31, 2019
5.	95% Design	September 20, 2019
6.	Final Design	November 1, 2019

METHOD OF PAYMENT

The Consultant will perform the concept and design phase services on a lump sum basis for \$2,071,693 and the Bidding and Construction Administration Services on a time and materials basis with an estimated budget of \$554,771.

A 30% contingency of \$787,939 has been included for additional expenses that may be determined as the design or construction progresses. This portion of the budget requires approval by the City before the additional services are performed.

END OF STATEMENT OF SERVICES

Appendices:

1. PDC Fee Spreadsheet

PDC Summary Sheet

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30 95% Design	\$	20,160	\$ 7,977	\$ 18,113	\$ 16,295	\$ 280,368	\$ 14,096	\$ 7,372	\$ 2,220	\$ 366,601	\$ 6,000	\$ 4,000)		\$ 10,000	\$ 500 \$	377,101
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Conti	ngency	30%	\$ 787,939
Gran	d Total		\$ 3,414,403

PROJECT MANAGEMENT

		rkoji	Senior	Project	Technical	Senior Engineering		
#	TASK	Principal	Engineer	Engineer	Editor	Technician		
	Billing Rate (\$/hr)	\$232.00	\$180.00	\$149.00	\$113.00	\$118.00		
20	Concept Design						Hourly Subtotal	Subtotal Cost
	Coordinate with Design Team and Subs		30				30	
	Organize and run weekly meetings		30					\$ 5,400.00
	Develop subagreements		20				20	
	Review billing		8					\$ 1,440.00
	Provide agenda and run Charrette		10				10	\$ 1,800.00
	Provide weekly updates to the City		20					\$ 3,600.00
	Hourly Subtotal		118	3 0	(0	118	· · · · · · · · · · · · · · · · · · ·
	Cost	\$ -	\$ 21,240		\$ -	+.		\$ 21,240.00
			•		•		Hourly	
22	35% Design						Subtotal	Subtotal Cost
	Attend Review meeting		4					\$ 720.00
	Organize and run weekly meetings		100					\$ 18,000.00
	Review billing		20					\$ 3,600.00
	Provide weekly updates to the City		80					\$ 14,400.00
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	CEO(D						Hourly	
25	65% Design		1	1		1	Subtotal	Subtotal Cost
	Attend Review meeting		4				4	
	Organize and run weekly meetings		80					\$ 14,400.00
	Review billing		8	+				\$ 1,440.00
	Provide weekly updates to the City		50					\$ 9,000.00
	Hourly Subtotal	0						
	Cost	\$ -	\$ 25,560	\$ -	\$ -	\$ -		\$ 25,560.00
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30	95% Design			1		1	Subtotal	Subtotal Cost
	Attend Review meeting Organize and run weekly meetings		4				4	
		<u> </u>	60					\$ 10,800.00
	Review billing		8		-			\$ 1,440.00
	Provide weekly updates to the City		40					\$ 7,200.00
								\$ -
	Hourly Subtotal	0						
	Cost	\$ -	\$ 20,160	\$ -	\$ -	\$ -		\$ 20,160.00
							Hourly	
35	Construction Documents						Subtotal	Subtotal Cost
	Attend Review meeting		4				4	\$ 720.00
	Organize and run weekly meetings		20				20	\$ 3,600.00
	Review billing		4				4	
	Provide weekly updates to the City		10				10	-
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	Attend prebid conference		4		-		4	·
	Coordinate bidder questions and responses	 	20		-		20	
	Review bids and coordinate with City		8		ļ		8	
							8	\$ 1,440.00
	Develop notice of award and Contract		8					· · · · · · · · · · · · · · · · · · ·
	Develop notice of award and Contract		8				0	\$ -
							0	
	Develop notice of award and Contract Hourly Subtotal Cost	0		0 0	\$ -		0 0 40	\$ -

Moose Creek- Water Expansion PDC Inc. Engineers

11/21/2018

PROJECT MANAGEMENT

#	TASK		Principal	Senior Engineer	Project Engineer	Technical Editor	Senior Engineering Technician		
		Billing Rate (\$/hr)	\$232.00	\$180.00	\$149.00	\$113.00	\$118.00	ı	
80	Construction Administration							Hourly Subtotal	Subtotal Cost
	Orchestrate submittal reviews			80				80	\$ 14,400.00
	Review Change Order Requests			20				20	\$ 3,600.00
	Review pay requests			20				20	\$ 3,600.00
	Review contract closeout			40				40	\$ 7,200.00
	Hourly Subtotal		0	160	0	0	0	160	
	Cost		\$ -	\$ 28,800	\$ -	\$ -	\$ -		\$ 28,800.00
	Discipline Totals		0	814	0	0	0	814	
	Design Services		\$ -	\$ 146,520	\$ -	\$ -	\$ -		\$ 146,520

STRUCTURAL ENGINEERING

			Structural				Senior Engineering		
#	TASK	Engineer	Engineer	Engineer	Engineer	Engineer	Technician		
	Billing Rate (\$/hr) \$232.00	\$180.00	\$165.00	\$149.00	\$129.00	\$115.00	I travala I	
20	Concept Design							Hourly Subtotal	Subtotal Cost
	Review Record Information			2		2		4	
	Building Analysis/Calculations			2		2		4	\$ 588.00
	Tank Foundation Analysis/Calculations							0	\$ -
	Drawings			2		4		6	\$ 846.00
	Preliminary Sheet Specifications							0	•
	Coordinate with Project Team			4		4		8	
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	Sheet Specifications			1		12	1	3/	
	Coordinate with Project Team	1		4		4	4	12	
	Project Review Meeting			2				2	\$ 330.00
	QC		2					2	\$ 360.00
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	Cost		\$ 360	\$ 1,980	\$ -	\$ 4,257	\$ 3,335		\$ 9,932.00
25	65% Design Building Analysis/Calculations			2		24		Hourly Subtotal 26	Subtotal Cost \$ 3,426.00
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	Specifications					_			\$ 5,540.00
	Coordinate with Project Team	+		2		8	4	10	\$ 1,362.00
	Coordinate with Project Team			4		8	4	10 12	\$ 1,362.00 \$ 1,636.00
	Project Review Meeting		2			1	4	10 12 2	\$ 1,362.00 \$ 1,636.00 \$ 330.00
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	Project Review Meeting QC Hourly Subtotal Cost	+	2	4 2 16	†	68	24	10 12 2 2 110 Hourly	\$ 1,362.00 \$ 1,636.00 \$ 330.00 \$ 360.00 \$ 14,532.00
30	Project Review Meeting QC Hourly Subtotal Cost 95% Design	+	2	16 \$ 2,640	\$ -	68 \$ 8,772	\$ 2,760	10 12 2 2 110 Hourly Subtotal	\$ 1,362.00 \$ 1,636.00 \$ 330.00 \$ 360.00 \$ 14,532.00
30	Project Review Meeting QC Hourly Subtotal Cost 95% Design Building Analysis/Calculations	+	2	16 \$ 2,640	\$ -	68 \$ 8,772	\$ 2,760	10 12 2 2 110 Hourly Subtotal 6	\$ 1,362.00 \$ 1,636.00 \$ 330.00 \$ 360.00 \$ 14,532.00 Subtotal Cost \$ 846.00
30	Project Review Meeting QC Hourly Subtotal Cost 95% Design Building Analysis/Calculations Tank Foundation Analysis/Calculations	+	2	4 2 16 \$ 2,640 2 2 2	\$ -	4 68 \$ 8,772	\$ 2,760	10 12 2 2 110 Hourly Subtotal 6	\$ 1,362.00 \$ 1,636.00 \$ 330.00 \$ 360.00 \$ 14,532.00 Subtotal Cost \$ 846.00 \$ 1,362.00
30	Project Review Meeting QC Hourly Subtotal Cost 95% Design Building Analysis/Calculations	+	2	16 \$ 2,640	\$ -	68 \$ 8,772	\$ 2,760	10 12 2 2 110 Hourly Subtotal 6	\$ 1,362.00 \$ 1,636.00 \$ 330.00 \$ 360.00 \$ 14,532.00 Subtotal Cost \$ 846.00 \$ 1,362.00 \$ 2,117.00
30	Project Review Meeting QC Hourly Subtotal Cost 95% Design Building Analysis/Calculations Tank Foundation Analysis/Calculations Drawings	+	2	4 2 16 \$ 2,640 2 2 2 1	\$ -	4 \$ 8,772	\$ 2,760	10 12 2 2 110 Hourly Subtotal 6 10	\$ 1,362.00 \$ 1,636.00 \$ 330.00 \$ 360.00 \$ 14,532.00 Subtotal Cost \$ 846.00 \$ 1,362.00 \$ 2,117.00 \$ 294.00
30	Project Review Meeting QC Hourly Subtotal Cost 95% Design Building Analysis/Calculations Tank Foundation Analysis/Calculations Drawings Specifications	+	2	4 2 16 \$ 2,640 2 2 2 1	\$ -	4 \$ 8,772	\$ 2,760	10 12 2 2 110 Hourly Subtotal 6 10 17	\$ 1,362.00 \$ 1,636.00 \$ 330.00 \$ 360.00 \$ 14,532.00 Subtotal Cost \$ 846.00 \$ 1,362.00 \$ 2,117.00 \$ 294.00 \$ 2,668.00
30	Project Review Meeting QC Hourly Subtotal Cost 95% Design Building Analysis/Calculations Tank Foundation Analysis/Calculations Drawings Specifications Coordinate with Project Team	+	\$ 360	2 2 2 2 1 1 1 4 2	\$ -	4 \$ 8,772	\$ 2,760	10 12 2 2 110 Hourly Subtotal 6 10 17 2 20 20	\$ 1,362.00 \$ 1,636.00 \$ 330.00 \$ 360.00 \$ 14,532.00 \$ 14,532.00 \$ 2,117.00 \$ 2,117.00 \$ 294.00 \$ 2,668.00 \$ 330.00
30	Project Review Meeting QC Hourly Subtotal Cost 95% Design Building Analysis/Calculations Tank Foundation Analysis/Calculations Drawings Specifications Coordinate with Project Team Project Review Meeting QC Hourly Subtotal	\$ -	2 \$ 360	4 2 \$ 2,640 \$ 2,640	\$ -	4 \$ 8,772 4 8 8 1 12	24 \$ 2,760 8 8 4	10 12 2 2 110 Hourly Subtotal 6 10 17 2 20 20	\$ 1,362.00 \$ 1,636.00 \$ 330.00 \$ 360.00 \$ 14,532.00 \$ 14,532.00 \$ 2,117.00 \$ 2,668.00 \$ 330.00 \$ 360.00
30	Project Review Meeting QC Hourly Subtotal Cost 95% Design Building Analysis/Calculations Tank Foundation Analysis/Calculations Drawings Specifications Coordinate with Project Team Project Review Meeting QC	\$ -	\$ 360	4 2 \$ 2,640 \$ 2,640	\$ -	4 \$ 8,772 4 8 8 1 12	24 \$ 2,760 8 8 4	10 12 2 2 110 Hourly Subtotal 6 10 17 2 20 20	\$ 1,362.00 \$ 1,636.00 \$ 330.00 \$ 360.00 \$ 14,532.00 \$ 14,532.00 \$ 2,117.00 \$ 2,117.00 \$ 294.00 \$ 2,668.00 \$ 330.00
30	Project Review Meeting QC Hourly Subtotal Cost 95% Design Building Analysis/Calculations Tank Foundation Analysis/Calculations Drawings Specifications Coordinate with Project Team Project Review Meeting QC Hourly Subtotal	\$ -	2 \$ 360	4 2 \$ 2,640 \$ 2,640	\$ -	4 \$ 8,772 4 8 8 1 12	24 \$ 2,760 8 8 4	10 12 2 2 110 Hourly Subtotal 6 10 17 2 20 2 2 59	\$ 1,362.00 \$ 1,636.00 \$ 330.00 \$ 360.00 \$ 14,532.00 \$ 14,532.00 \$ 2,117.00 \$ 2,668.00 \$ 330.00 \$ 360.00
	Project Review Meeting QC Hourly Subtotal Cost 95% Design Building Analysis/Calculations Tank Foundation Analysis/Calculations Drawings Specifications Coordinate with Project Team Project Review Meeting QC Hourly Subtotal Cost	\$ -	2 \$ 360	4 2 \$ 2,640 \$ 2,640	\$ -	4 \$ 8,772 4 8 8 1 12	24 \$ 2,760 8 8 4	10 12 2 2 110 Hourly Subtotal 6 10 17 2 20 2 2 59	\$ 1,362.00 \$ 1,636.00 \$ 330.00 \$ 360.00 \$ 14,532.00 Subtotal Cost \$ 846.00 \$ 1,362.00 \$ 2,117.00 \$ 294.00 \$ 2,668.00 \$ 360.00 \$ 7,977.00
	Project Review Meeting QC Hourly Subtotal Cost 95% Design Building Analysis/Calculations Tank Foundation Analysis/Calculations Drawings Specifications Coordinate with Project Team Project Review Meeting QC Hourly Subtotal Cost Construction Documents	\$ -	2 \$ 360	4 2 \$ 2,640 \$ 2,640	\$ -	4 \$ 8,772 4 8 8 1 12 33 \$ 4,257	24 \$ 2,760 8 4 12 \$ 1,380	10 12 2 2 110 Hourly Subtotal 6 10 17 2 20 2 2 59 Hourly Subtotal	\$ 1,362.00 \$ 1,636.00 \$ 330.00 \$ 360.00 \$ 14,532.00 Subtotal Cost \$ 846.00 \$ 1,362.00 \$ 2,117.00 \$ 294.00 \$ 2,668.00 \$ 30.00 \$ 360.00 \$ 7,977.00
	Project Review Meeting QC Hourly Subtotal Cost 95% Design Building Analysis/Calculations Tank Foundation Analysis/Calculations Drawings Specifications Coordinate with Project Team Project Review Meeting QC Hourly Subtotal Cost Construction Documents Building Analysis/Calculations	\$ -	2 \$ 360	4 2 \$ 2,640 \$ 2,640	\$ -	4 \$ 8,772 4 8 8 1 12 33 \$ 4,257	24 \$ 2,760 8 4 12 \$ 1,380	10 12 2 2 110 Hourly Subtotal 6 10 17 2 20 2 2 59 Hourly Subtotal	\$ 1,362.00 \$ 1,636.00 \$ 330.00 \$ 360.00 \$ 14,532.00 Subtotal Cost \$ 846.00 \$ 1,362.00 \$ 2,117.00 \$ 294.00 \$ 2,668.00 \$ 330.00 \$ 7,977.00 Subtotal Cost
	Project Review Meeting QC Hourly Subtotal Cost 95% Design Building Analysis/Calculations Tank Foundation Analysis/Calculations Drawings Specifications Coordinate with Project Team Project Review Meeting QC Hourly Subtotal Cost Construction Documents	\$ -	2 \$ 360	4 2 \$ 2,640 \$ 2,640	\$ -	4 \$ 8,772 4 8 8 1 12 33 \$ 4,257	24 \$ 2,760 8 4 12 \$ 1,380	10 12 2 2 110 Hourly Subtotal 6 10 17 2 20 2 2 59 Hourly Subtotal	\$ 1,362.00 \$ 1,636.00 \$ 330.00 \$ 360.00 \$ 14,532.00 \$ 14,532.00 \$ 2,117.00 \$ 2,117.00 \$ 2,668.00 \$ 330.00 \$ 7,977.00 \$ 7,977.00 \$ 258.00 \$ 258.00
	Project Review Meeting QC Hourly Subtotal Cost 95% Design Building Analysis/Calculations Tank Foundation Analysis/Calculations Drawings Specifications Coordinate with Project Team Project Review Meeting QC Hourly Subtotal Cost Construction Documents Building Analysis/Calculations Tank Foundation Analysis/Calculations	\$ -	2 \$ 360	4 2 \$ 2,640 2 2 2 1 1 4 2 \$ 1,980	\$ -	4 \$ 8,772 4 8 8 1 12 33 \$ 4,257	24 \$ 2,760 8 4 12 \$ 1,380	10 12 2 2 110 Hourly Subtotal 6 10 17 2 20 2 2 59 Hourly Subtotal 2 2	\$ 1,362.00 \$ 1,636.00 \$ 330.00 \$ 360.00 \$ 14,532.00 \$ 14,532.00 \$ 1,362.00 \$ 2,117.00 \$ 294.00 \$ 2,668.00 \$ 330.00 \$ 360.00 \$ 7,977.00 Subtotal Cost \$ 258.00 \$ 258.00 \$ 1,141.00
	Project Review Meeting QC Hourly Subtotal Cost 95% Design Building Analysis/Calculations Tank Foundation Analysis/Calculations Drawings Specifications Coordinate with Project Team Project Review Meeting QC Hourly Subtotal Cost Construction Documents Building Analysis/Calculations Tank Foundation Analysis/Calculations Tank Foundation Analysis/Calculations Drawings	\$ -	2 \$ 360	4 2 \$ 2,640 2 2 2 1 1 4 2 \$ 1,980	\$ -	4 \$ 8,772 4 8 8 1 12 33 \$ 4,257	24 \$ 2,760 8 4 12 \$ 1,380	10 12 2 2 110 Hourly Subtotal 6 10 17 2 20 2 2 59 Hourly Subtotal 2 2 2 3	\$ 1,362.00 \$ 1,636.00 \$ 330.00 \$ 360.00 \$ 14,532.00 \$ 14,532.00 \$ 1,362.00 \$ 2,117.00 \$ 294.00 \$ 2,668.00 \$ 330.00 \$ 360.00 \$ 7,977.00 Subtotal Cost \$ 258.00 \$ 258.00 \$ 1,141.00 \$ 294.00
	Project Review Meeting QC Hourly Subtotal Cost 95% Design Building Analysis/Calculations Tank Foundation Analysis/Calculations Drawings Specifications Coordinate with Project Team Project Review Meeting QC Hourly Subtotal Cost Construction Documents Building Analysis/Calculations Tank Foundation Analysis/Calculations Drawings Specifications	\$ -	2 \$ 360	4 2 \$ 2,640 \$ 2,640 2 2 1 1 4 2 \$ 1,980	\$ -	4 \$ 8,772 4 8 8 8 1 12 33 \$ 4,257	24 \$ 2,760 8 4 12 \$ 1,380	10 12 2 110 Hourly Subtotal 6 10 17 2 2 20 2 59 Hourly Subtotal 2 2 2 12 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	\$ 1,362.00 \$ 1,636.00 \$ 330.00 \$ 360.00 \$ 14,532.00 \$ 14,532.00 \$ 2,117.00 \$ 294.00 \$ 2,668.00 \$ 330.00 \$ 360.00 \$ 7,977.00 \$ 258.00 \$ 258.00 \$ 1,141.00 \$ 294.00 \$ 300.00
	Project Review Meeting QC Hourly Subtotal Cost 95% Design Building Analysis/Calculations Tank Foundation Analysis/Calculations Drawings Specifications Coordinate with Project Team Project Review Meeting QC Hourly Subtotal Cost Construction Documents Building Analysis/Calculations Tank Foundation Analysis/Calculations Drawings Specifications Coordinate with Project Team Project Review Meeting QC	0 \$ -	2 \$ 360 2 2 2 \$ 360	4 2 \$ 2,640 \$ 2,640 \$ 1 1 4 2 \$ 1,980 \$ 1,980	0 \$ -	4 \$ 8,772 4 8 8 1 12 33 \$ 4,257	24 \$ 2,760 8 4 12 \$ 1,380	10 12 2 110 Hourly Subtotal 6 10 17 2 2 20 2 59 Hourly Subtotal 2 2 12 2 12 1	\$ 1,362.00 \$ 1,636.00 \$ 330.00 \$ 360.00 \$ 14,532.00 \$ 14,532.00 \$ 2,117.00 \$ 2,117.00 \$ 2,668.00 \$ 330.00 \$ 360.00 \$ 7,977.00 \$ 258.00 \$ 258.00 \$ 1,141.00 \$ 294.00 \$ 1,592.00 \$ 1,592.00 \$ 1,592.00 \$ 1,592.00
	Project Review Meeting QC Hourly Subtotal Cost 95% Design Building Analysis/Calculations Tank Foundation Analysis/Calculations Drawings Specifications Coordinate with Project Team Project Review Meeting QC Hourly Subtotal Cost Construction Documents Building Analysis/Calculations Tank Foundation Analysis/Calculations Tank Foundation Analysis/Calculations Drawings Specifications Coordinate with Project Team Project Review Meeting	\$ -	2 \$ 360 2 2 2 \$ 360	4 2 \$ 2,640 2 2 2 1 1 4 2 \$ 1,980	\$ -	4 \$ 8,772 4 8 8 8 1 12 33 \$ 4,257	\$ 2,760 8 8 4 12 \$ 1,380	10 12 2 110 Hourly Subtotal 6 10 17 2 2 20 2 59 Hourly Subtotal 2 2 12 2 12 1	\$ 1,362.00 \$ 1,636.00 \$ 330.00 \$ 360.00 \$ 14,532.00 \$ 14,532.00 \$ 2,117.00 \$ 2,117.00 \$ 2,668.00 \$ 330.00 \$ 360.00 \$ 7,977.00 \$ 258.00 \$ 258.00 \$ 1,141.00 \$ 294.00 \$ 30.00

Moose Creek- Water Expansion PDC Inc. Engineers

11/21/2018

63,462

STRUCTURAL ENGINEERING

		Principal Structural	Senior Structural	Lead Structural	Project Structural	Staff Structural	Senior Engineering			
	TASK	Engineer	Engineer	Engineer	Engineer	Engineer	Technician			
									_	
	Billing Rate (\$/hr)	\$232.00	\$180.00	\$165.00	\$149.00	\$129.00	\$115.00	Hourly	_	
37	Bid Phase Services							Subtotal		Subtotal Cost
- H	Attend prebid conference	T		4		4		8	\$	1,176.
ı	,								Ť	
	Respond to bidding questions/provide Addendum			8		8	12	28	\$	3,732
Ī	Review bid results with PDC PM and provide	İ							Г	
1.	recommendations			2				2	\$	330
				14		12	12	38		
	Hourly Subtotal	C	0	14	•					
	Cost	\$ -	\$ -		\$ -	\$ 1,548		Hourly	\$	
	·		_						+	
80	Cost		_					Hourly	\$	Subtotal Cos
80	Construction Administration Attend Pre Construction Meeting Review Submittals		_			\$ 1,548		Hourly Subtotal	\$	Subtotal Cos 516
80	Construction Administration Attend Pre Construction Meeting		_	\$ 2,310		\$ 1,548		Hourly Subtotal	\$	Subtotal Cost 516 2,352
80	Construction Administration Attend Pre Construction Meeting Review Submittals		_	\$ 2,310		\$ 1,548		Hourly Subtotal 4	\$ \$ \$	Subtotal Cos 516 2,352 3,528
80	Construction Administration Attend Pre Construction Meeting Review Submittals Respond to Construction Questions (DCVRs)		_	\$ 2,310		\$ 1,548 4 8 12		Hourly Subtotal 4 16 24	\$ \$ \$	Subtotal Cos 516 2,352 3,528 2,352
80	Construction Administration Attend Pre Construction Meeting Review Submittals Respond to Construction Questions (DCVRs) Review Change Order Requests		_	\$ 2,310		\$ 1,548 4 8 12		Hourly Subtotal 4 16 24	\$ \$ \$ \$ \$ \$ \$	Subtotal Cost 516 2,352 3,528 2,352 660
80	Construction Administration Attend Pre Construction Meeting Review Submittals Respond to Construction Questions (DCVRs) Review Change Order Requests Attend weekly meetings with contractor		_	\$ 2,310		\$ 1,548 4 8 12 8		Hourly Subtotal 4 16 24 16	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Subtotal Cost 516 2,352 3,528 2,352 660 3,528
80	Construction Administration Attend Pre Construction Meeting Review Submittals Respond to Construction Questions (DCVRs) Review Change Order Requests Attend weekly meetings with contractor Special inspections (3 site visits)		_	\$ 2,310		\$ 1,548 4 8 12 8		Hourly Subtotal 4 16 24 16 4 24	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Subtotal Cost 516 2,352 3,528 2,352 660 3,528 2,208
80	Construction Administration Attend Pre Construction Meeting Review Submittals Respond to Construction Questions (DCVRs) Review Change Order Requests Attend weekly meetings with contractor Special inspections (3 site visits) Review contractor redlines		\$ -	\$ 2,310	\$ -	\$ 1,548 4 8 12 8 12 12	\$ 1,380	Hourly Subtotal 4 16 24 16 4 24 16 24	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5,238 Subtotal Cost 516 2,352 3,528 2,352 660 3,528 2,208 3,388

19,470 \$

Design Services

11,385

CIVIL ENGINEERING

Section Connected Design	#	TASK		Senior Civil Engineer	Lead Civil Engineer	Staff Civil Engineer	Civil EIT	Technical Editor	Senior Engineering Technician			
Section Design Section Secti		Billing Rate (\$/hr)	\$232.00	\$180.00	\$165.00	\$129.00	\$108.00	\$110.00	\$115.00	Hourly	Т	
Review Work Storage Capacitics 4 4 6 8 1,152	20	Concept Design										Subtotal Cost
Receive Will Capacity and Conditions with ARM for thage Partitude Suppliery and Conditions of Train. 2	I	Review Water Plant Drawings/Capacity		4			4			8	\$	1,152.
Elementary capacity where for those Creax	I	Review Water Storage Capacity		4			4			8	\$	1,152.
Principle Company of		Review Well Capacity and Coordinate with ADNR for Usage									١.	
Continue pressure sump casories and need for more 2	L			_							+-	432.0
Content Cont		Estimate capacity needs for Moose Creek		2			8	-		10	\$	1,224.0
A	F	Review pressure pump capacity and need for more		2			2			1	٤	576 (
A	F										7	370.0
Control with Agencies	(Obtain system maps and coordinate with other Utilities		4			16			20	\$	2,448.0
Control with Agencies	- [Host Blanning Charrette for Agencies and Stakeholders										
Section Content Cont	-										_	1,728.0
Cores	-			12			24			36	\$	4,752.
Develop prigramic model and size pages												
1.00 1.00		Creek		20			40			60	\$	7,920.0
Develop Purkanuk model and size pipes	F	Route piping in Moose Creek to serve all properties		30			120			150	Ś	18.360.0
Columber Description Control Columber Columbe		Develop hydraulic model and size pipes									-	10,080.0
Country Coun	-										+ -	1,224.0
Permit Coordination											+	1,224.0
Develop Concept Drawing- Routing Plan for Transmission 8										+	_	2,016.0
Severibly Technical Memo		Develon Concent Drawing Pouting Plan for Transmission										
DAVIC	-			+	1		1	1	16		-	5,008.0
No.	_ H			12			12	4			+-	3,896.0
23 5% Design Voit each property to determine service options Voit each property to determine service options Voit each property to determine service options Subtoal Cost Voit each property to determine service options Soute service lines from proposed mains to homes Overlog Price Steet, Index, Alterwistons, Notes Develop Rey Maps Develop Rey Maps Develop Rey Maps Develop Step lan For pumphouse and tank 2											+ -	2,784.0
Noury Subtotal S			12		+			 		512	-	
23 55% Design Subtoal Subtoa		Cost		\$ 22,680	\$ -	\$ -	\$ 38,232	\$ 440	\$ 1,840		\$	63,192.0
23 55% Design Subtoal Subtoa										Housely	1	
Visit each property to determine service options	22	35% Design										Subtotal Cost
Route service lines from proposed mains to homes Develop Key Maps Develop			l	10		200	200				-	
Develop Title Sheet, Index, Abreviations, Notes 8	- 1			40		200	200			7-7-0	7	34,000.
Develop Key Maps	F	Route service lines from proposed mains to homes					100		100	200	\$	22,300.0
Develop Plan and Profile Sheets (60 Sheets)	Ī	Develop Title Sheet, Index, Abreviations, Notes					8		8	16	\$	1,784.0
Develop Stee plan for pumphouse and tank pad	Ī	Develop Key Maps					36		36	72	\$	8,028.0
Develop sections for pumphouse and tank pad 1 8 8 17 \$ 1,964	[Develop Plan and Profile Sheets (60 Sheets)		100			700		700	1500	\$	174,100.0
Develop detail sheets	1	Develop Site plan for pumphouse and tank		2			12		12	26	\$	3,036.0
Develop service layout sheets along with table 20											_	1,964.0
Develop details for well decommissioning	-	·							 		-	4,288.0
Develop water storage tank drawings		· · · · · · · · · · · · · · · · · · ·								+	-	
Stimute heat loss 10 30 30 40 \$ 5,040		<u> </u>							+		+-	
Coordinate with project team									36		+ -	
Coordinate with City				1	-		1			+	_	
ROW Permit Coordination											+ -	
Coordinate with estimator				+						+	-	
OA/QC 24 321 0 200 1406 0 1032 2983 100th 200 100th 200th				1		 				1		
Hourly Subtotal 24 321 0 200 1406 0 1032 2983			2/	10			0					
Cost \$ 5,568 \$ 57,780 \$ - \$ 25,800 \$ 151,848 \$ - \$ 118,680 \$ 359,676				321		200	1406		1032		+-	3,300.
Hourly Subtotal Subtotal Cost Subtotal Cost								+			-	359.676.
Subtotal Cost Subtotal Subtotal Subtotal Subtotal Subtotal Subtotal Subtotal Subtotal Subtotal Subtotal Subtotal Subtotal Subtotal Subtotal Subtotal Subtotal Subtotal Subtotal Subtotal Subtotal Subtotal Cost Subtotal Subtotal Subtotal Subtotal Subtotal Subtotal Subtotal Subtotal Subtotal Subtotal Subtotal Cost Subtotal Subtotal Subtotal Cost Subtotal Cost Subtotal Subtotal Subtotal Cost Subtotal Cost Subtotal Subtotal Subtotal Cost Subtotal Subtotal Subtotal Cost Subtotal Subtotal Subtotal Subto			7 0,000	1 01,100	1.7	1		1.7	1,		Ť	
Attend review meeting										Hourly		
Update General Drawing Sheets S	25	65% Design										Subtotal Cost
Update Plan and Profile Sheets 50 500 500 1050 \$ 120,500 Update Site plans 4 16 16 36 \$ 4,288 Update Sections 2 12 12 26 \$ 3,036 Update Detail Sheets 16 24 24 64 \$ 8,232 Update Service layouts and table 30 60 60 150 \$ 18,780 Update Water Storage tank drawings 8 24 24 24 56 \$ 6,792 Update heat loss calcs 10 20 30 \$ 30 \$ 3,960 Coordinate with project team 60 60 120 \$ 17,280 Contact Property Owners for Easements 60 60 60 \$ 6,480 Coordinate with City 20 40 60 \$ 7,920 ROW Permitting 10 20 8 48 \$ 6,640 Develop Technical Specifications 20 20 8 48 \$ 6,640 Coordinate with estimator 16				8						16	\$	2,304.
Update Site plans									+		-	1,784.
Update Sections 2					+		1		 			120,500.
Update Detail Sheets 16 24 24 64 \$ 8,232 Update Service layouts and table 30 60 60 150 \$ 18,780 Update Water Storage tank drawings 8 24 24 56 \$ 6,792 Update heat loss calcs 10 20 30 \$ 3,960 Coordinate with project team 60 60 120 \$ 17,280 Contact Property Owners for Easements 60 60 60 60 \$ 6,480 Coordinate with City 20 40 60 7,920 ROW Permitting 10 20 30 \$ 3,960 Develop Technical Specifications 20 20 8 48 6,640 Coordinate with estimator 16 8 24 \$ 3,744 QA/QC 24 8 644 1810					_			ļ	 		-	4,288.
Update Service layouts and table 30 60 60 150 \$ 18,780 Update Water Storage tank drawings 8 24 24 56 \$ 6,792 Update heat loss calcs 10 20 30 \$ 3,960 Coordinate with project team 60 60 120 \$ 17,280 Contact Property Owners for Easements 60 60 60 \$ 6,480 Coordinate with City 20 40 60 \$ 7,920 ROW Permitting 10 20 30 \$ 3,960 Develop Technical Specifications 20 20 8 48 6,640 Coordinate with estimator 16 8 24 \$ 3,744 QA/QC 24 8 42 \$ 5,568 Hourly Subtotal 24 254 0 880 8 644 1810					-			-	 		-	3,036.
Update Water Storage tank drawings				+	1		1	-	 	+	_	8,232.
Update heat loss calcs 10 20 30 \$ 3,960 Coordinate with project team 60 60 120 \$ 17,280 Contact Property Owners for Easements 60 60 60 \$ 6,480 Coordinate with City 20 40 60 \$ 7,920 ROW Permitting 10 20 30 \$ 3,960 Develop Technical Specifications 20 20 8 48 \$ 6,640 Coordinate with estimator 16 8 24 \$ 3,744 QA/QC 24 8 44 \$ 5,568 Hourly Subtotal 24 254 0 880 8 644 1810					1			-			-	18,780.
Coordinate with project team 60 60 120 \$ 17,280 Contact Property Owners for Easements 60 60 60 \$ 6,480 Coordinate with City 20 40 60 \$ 7,920 ROW Permitting 10 20 30 \$ 3,960 Develop Technical Specifications 20 20 8 48 \$ 6,640 Coordinate with estimator 16 8 24 \$ 3,744 QA/QC 24 8 24 \$ 5,568 Hourly Subtotal 24 254 0 880 8 644 1810				+			+	-	24		-	6,792.
Contact Property Owners for Easements 60 60 \$ 6,480 Coordinate with City 20 40 60 \$ 7,920 ROW Permitting 10 20 30 \$ 3,960 Develop Technical Specifications 20 20 8 48 \$ 6,640 Coordinate with estimator 16 8 24 \$ 3,744 QA/QC 24 8 24 \$ 5,568 Hourly Subtotal 24 254 0 880 8 644 1810	-	·			-			 	-	+	_	
Coordinate with City 20 40 60 \$ 7,920 ROW Permitting 10 20 30 \$ 3,960 Develop Technical Specifications 20 20 8 48 \$ 6,640 Coordinate with estimator 16 8 24 \$ 3,744 QA/QC 24 9 24 \$ 5,568 Hourly Subtotal 24 254 0 0 880 8 644 1810		<u> </u>		60			+	-	-	+	_	
ROW Permitting 10 20 30 \$ 3,960 Develop Technical Specifications 20 20 8 48 \$ 6,640 Coordinate with estimator 16 8 24 \$ 3,744 QA/QC 24 24 \$ 5,568 Hourly Subtotal 24 254 0 0 880 8 644 1810					1		+	-	-	+	_	
Develop Technical Specifications 20 20 8 48 \$ 6,640 Coordinate with estimator 16 8 24 \$ 3,744 QA/QC 24 24 \$ 5,568 Hourly Subtotal 24 254 0 0 880 8 644 1810				1	+	-	1	+	+	+	_	
Coordinate with estimator 16 8 24 \$ 3,744 QA/QC 24 5,568 0 0 \$ Hourly Subtotal 24 254 0 0 880 8 644 1810 0 1880 18 <td< td=""><td></td><td></td><td></td><td>1</td><td>1</td><td></td><td>1</td><td>_</td><td>-</td><td>+</td><td>_</td><td></td></td<>				1	1		1	_	-	+	_	
QA/QC 24 24 5,568 Hourly Subtotal 24 254 0 0 880 8 644 1810				+			+	+	+			
Hourly Subtotal 24 254 0 0 880 8 644 1810			24	16		+	8	+	+		_	
Hourly Subtotal 24 254 0 0 880 8 644 1810		ay y ac			 	1		 	 		-	5,568.
		Hourly Subtotal	2/	25/	,		900		544		+-	
				+				+	+	1910	-	221,268.0

CIVIL ENGINEERING

		Principal	Senior					Senior	
		Civil	Civil	Lead Civil	Staff Civil		Technical	Engineering	
3	‡ TASK	Engineer	Engineer	Engineer	Engineer	Civil EIT	Editor	Technician	
		Billing Rate (\$/hr) \$232.00	\$180.00	\$165.00	\$129.00	\$108.00	\$110.00	\$115.00	

									Hourly		
95% Design									Subtotal	Subtota	al
Attend review meeting		8				8			16	\$	2,
Update General Drawing Sheets						8		8	16	\$	1,
Update Plan and Profile Sheets		50				500		500	1050	\$ 12	20,
Update Site plans		4				16		16	36	\$	4,
Update Sections		2				12		12	26	\$	3,
Update Detail Sheets		8				16		16	40	\$	5,
Update Service layouts and table		20				60		60	140	\$ 1	16
Update Water Storage tank drawings		8				12		12	32	\$	4
Develop Control points and tables		20				200		200	420	\$ 4	48
Coordinate with project team		60				60			120	\$ 1	17,
ROW Permitting		20				40			60	\$	7,
Coordinate with City		20				40			60	\$	7,
Update Technical Specifications		20				20	4		44	\$	6,
Develop Division 1 Specifications		40				20	8		68	\$ 1	10,
Develop Front End Contract Documents		40				10	8		58	\$	9,
Coordinate with estimator		16				8			24	\$	3
Prepare ADEC Application for Approval to Constr.		10				40			50	\$	6
QA/QC	24								24	\$	5,
Hourly Subtotal	24	346	0	()	1070	20	824	2284		
Cost	\$ 5,568	\$ 62,280	\$ -	\$ -	\$ 1	115,560	\$ 2,200	\$ 94,760		\$ 28	30.

									Hourly	
35	Construction Documents								Subtotal	Subtotal Cost
	Attend review meeting		8			8			16	\$ 2,304.00
	Finalize drawings		40			140		140	320	\$ 38,420.00
	Coordinate with project team		20			20			40	\$ 5,760.00
	Permitting		10			20			30	\$ 3,960.00
	Coordinate with City		20			10			30	\$ 4,680.00
	Finalize Technical and Division 1 Specs		20			20	8		48	\$ 6,640.00
	Finalize the Contract Documents		20			20	8		48	\$ 6,640.00
	QA/QC	24							24	\$ 5,568.00
	Hourly Subtotal	24	138	0	0	238	16	140	556	
	Cost	\$ 5,568	\$ 24,840	\$ -	\$ -	\$ 25,704	\$ 1,760	\$ 16,100		\$ 73,972.00

											Hourly	
37	Bid Phase Services										Subtotal	Subtotal Cost
	Attend prebid conference			4				4			8	\$ 1,152.00
	Respond to bidding questions/provide Addendum		20	40				40		40	140	\$ 20,760.00
	Review bid results with City and provide recommendations		2								2	\$ 464.00
	Hourly Subtotal		22	44	0	(D	44	0	40	150	
	Cost	\$ 5	5,104	\$ 7,920	\$ -	\$ -	\$	4,752	\$ -	\$ 4,600		\$ 22,376.00

										Hourly	ı	
Construction Administration										Subtotal	S	Subtotal C
Attend Pre Construction Meeting	4		4			4				12	\$	2,0
Review Submittals		8	10			40						
Respond to Construction Questions (DCVRs)		100	100			100				300	\$	45,3
Provide onsite Project Representative (1 lead and 2												
dedicated field, 8 months)	50	100	400			800				1350	\$	182,0
Review Change Order Requests		40	80			80				200	\$	29,0
Review pay requests		10	20			20				50	\$	7,2
Attend weekly meetings with contractor		16	32			32				80	\$	11,6
Attend substantial and final inspections		16	32			32				80	\$	11,6
Review contractor redlines		4	16			16				36	\$	5,0
Prepare Record Drawings			100			100			100	300	\$	38,8
Prepare ADEC Interim and Final Approval Application		20	60			60				140	\$	19,9
Hourly Subtotal	54	314	854		0	1284	()	100	2606		
Cost	\$ 12,528	\$ 56,520	\$ 140,910	\$	-	\$ 138,672	\$ -	\$	11,500		\$	360,1
Discipline Totals	184	1543	854		200	5276	48	3	2796	10901		
Design Services	\$ 39,904	\$ 277,740	\$ 140,910	\$ 25	,800	\$ 569,808	\$ 5,280	\$	321,540		Ś	1,38

MECHANICAL ENGINEERING

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#	TASK	Principal Mechanical	Special Projects Mechanical Engineer	Senior Mechanical Engineer	Staff Mechanical Engineer	Technical Editor	Senior Engineering Technician		
	Billing Rate (\$/hr	\$232.00	\$191.00	\$180.00	\$129.00	\$110.00	\$115.00		
20	Concept Design							Hourly Subtotal	Subtotal Cost
20	Site Investigation			2	2				\$ 618.00
	Coordination			3	3				\$ 927.00
	Calculations			2	5			7	\$ 1,005.00
	Equipment selection			4	6				\$ 1,494.00
	Ventilation	<u> </u>	ļ	2	4				\$ 876.00
	Heating	-		2	5			7 12	
	Piping Greensand Filter	 	 	4	6 2				\$ 1,854.00 \$ 978.00
	Narrative	+		3	1	1			\$ 779.00
	QA/QC	2		-					\$ 464.00
	Hourly Subtotal		0	28	34	1	0	63	
	Cost	\$ -	\$ -	\$ 5,040	\$ 4,386	\$ 110	\$ -		\$ 9,536.00
22	35% Design							Hourly Subtotal	Subtotal Cost
	Review Comments			2	2			4	
	Coordination			4	4				\$ 1,236.00
	Calculations			3	5				\$ 1,185.00
	Equipment selection	 	<u> </u>	6	6			12	
	Ventilation			2	4		4		\$ 1,336.00
	Heating Piping	+	 	3 7	5 8		4		\$ 1,645.00 \$ 2,752.00
	Greensand Filter			8	4		4		\$ 2,416.00
	Narrative			2	1	1	4		\$ 599.00
	Specifications TOC			2	1	1			\$ 599.00
	QA/QC	2						2	\$ 464.00
ı	Hourly Subtotal	2	0	39	40	2	16	99	
	Cost		\$ -	\$ 7,020	\$ 5,160	\$ 220	\$ 1,840		\$ 14,240.00
25	65% Design Review Comments			2	2			Hourly Subtotal 4	Subtotal Cost \$ 618.00
	Coordination			3	3				\$ 927.00
ı	Calculations			1	5				\$ 825.00
ı	Equipment selection			4	8				\$ 1,752.00
ı	Ventilation Heating			2	3 6		6 10		\$ 1,437.00 \$ 2,464.00
	Piping	+		8	12		8		\$ 3,908.00
	Greensand Filter			2	8			20	7 3,500.00
	Narrative	+					1 8 1	18	\$ 2.312.00
	Specifications			2	1	1	8		\$ 2,312.00 \$ 599.00
	specifications					1 4	8	4	
	QA/QC	4		10	1 12	4		4 26 4	\$ 599.00
	QA/QC Hourly Subtotal	4		2 10 37	1 12 60	5	32	4 26 4 138	\$ 599.00 \$ 3,788.00 \$ 928.00
	QA/QC	+		10	1 12 60	4	32	4 26 4 138	\$ 599.00 \$ 3,788.00
	QA/QC Hourly Subtotal	4		2 10 37	1 12 60	5	32	4 26 4 138	\$ 599.00 \$ 3,788.00 \$ 928.00
30	QA/QC Hourly Subtotal	4		2 10 37	1 12 60	5	32	4 26 4 138	\$ 599.00 \$ 3,788.00 \$ 928.00
30	QA/QC Hourly Subtotal Cost	4		2 10 37 \$ 6,660	1 12 60 \$ 7,740	5	32	4 26 4 138 Hourly Subtotal 4	\$ 599.00 \$ 3,788.00 \$ 928.00 \$ 19,558.00 Subtotal Cost \$ 618.00
30	QA/QC Hourly Subtotal Cost 95% Design Review Comments Coordination	4		2 10 37 \$ 6,660	1 12 60 \$ 7,740	5	32	4 26 4 138 Hourly Subtotal 4	\$ 599.00 \$ 3,788.00 \$ 928.00 \$ 19,558.00 \$ Subtotal Cost \$ 618.00 \$ 618.00
30	QA/QC Hourly Subtotal Cost 95% Design Review Comments Coordination Calculations	4		2 10 37 \$ 6,660	1 12 60 \$ 7,740	5	32	4 26 4 138 Hourly Subtotal 4 4	\$ 599.00 \$ 3,788.00 \$ 928.00 \$ 19,558.00 \$ Subtotal Cost \$ 618.00 \$ 618.00 \$ 567.00
30	QA/QC Hourly Subtotal Cost 95% Design Review Comments Coordination Calculations Equipment selection	4		2 10 37 \$ 6,660	1 12 60 \$ 7,740 2 2 2 3 4	5	\$ 3,680	4 26 4 138 Hourly Subtotal 4 4 4 6 6	\$ 599.00 \$ 3,788.00 \$ 928.00 \$ 19,558.00 \$ 618.00 \$ 618.00 \$ 567.00 \$ 876.00
30	QA/QC Hourly Subtotal Cost 95% Design Review Comments Coordination Calculations Equipment selection Ventilation	4		2 10 37 \$ 6,660 2 2 2 1 1 2 2	1 12 60 \$ 7,740 2 2 2 3 4 4	5	32 \$ 3,680	4 26 4 138 Hourly Subtotal 4 4 4 6 6 12	\$ 599.00 \$ 3,788.00 \$ 928.00 \$ 19,558.00 \$ \$ 618.00 \$ 618.00 \$ 657.00 \$ 876.00 \$ 1,566.00
30	QA/QC Hourly Subtotal Cost 95% Design Review Comments Coordination Calculations Equipment selection Ventilation Heating	4		2 10 37 \$ 6,660 2 2 2 1 1 2 2 2	1 12 60 \$ 7,740 2 2 2 3 4 4 4 5	5	32 \$ 3,680	4 26 4 138 Hourly Subtotal 4 4 4 6 6 12 17	\$ 599.00 \$ 3,788.00 \$ 928.00 \$ 19,558.00 \$ 618.00 \$ 618.00 \$ 567.00 \$ 876.00 \$ 1,566.00 \$ 2,155.00
30	QA/QC Hourly Subtotal Cost 95% Design Review Comments Coordination Calculations Equipment selection Ventilation Heating Piping	4		2 10 37 \$ 6,660 2 2 2 1 2 2 2 2 8	1 12 60 \$ 7,740 2 2 2 3 4 4 4 5 16	5	32 \$ 3,680 6 10	4 26 4 138 Hourly Subtotal 4 4 4 6 6 12 17 40	\$ 599.00 \$ 3,788.00 \$ 928.00 \$ 19,558.00 \$ 618.00 \$ 618.00 \$ 567.00 \$ 876.00 \$ 1,566.00 \$ 2,155.00 \$ 5,344.00
30	QA/QC Hourly Subtotal Cost 95% Design Review Comments Coordination Calculations Equipment selection Ventilation Heating	4		2 10 37 \$ 6,660 2 2 2 1 1 2 2 2	1 12 60 \$ 7,740 2 2 2 3 4 4 4 5	5	32 \$ 3,680	4 26 4 138 Hourly Subtotal 4 4 6 12 17 40 14	\$ 599.00 \$ 3,788.00 \$ 928.00 \$ 19,558.00 \$ 618.00 \$ 618.00 \$ 567.00 \$ 876.00 \$ 1,566.00 \$ 2,155.00 \$ 5,344.00 \$ 1,852.00
30	QA/QC Hourly Subtotal Cost 95% Design Review Comments Coordination Calculations Equipment selection Ventilation Heating Piping Greensand Filter	4		2 10 37 \$ 6,660 2 2 2 2 2 2 3 8	1 12 60 \$ 7,740 2 2 2 3 3 4 4 5 5 16 8 8	\$ 550	32 \$ 3,680 6 10	4 26 4 138 Hourly Subtotal 4 4 6 12 17 40 14	\$ 599.00 \$ 3,788.00 \$ 928.00 \$ 19,558.00 \$ 618.00 \$ 618.00 \$ 567.00 \$ 876.00 \$ 1,566.00 \$ 2,155.00 \$ 5,344.00 \$ 1,852.00 \$ 1,852.00
30	QA/QC Hourly Subtotal Cost 95% Design Review Comments Coordination Calculations Equipment selection Ventilation Heating Piping Greensand Filter Narrative	4 \$ 928	\$ -	2 10 37 \$ 6,660 2 2 2 2 2 2 8 8 2	1 12 60 \$ 7,740 2 2 2 3 4 4 5 5 16 8	\$ 550	32 \$ 3,680 6 10	4 26 4 138 Hourly Subtotal 4 4 4 6 6 12 17 40 14 3 22	\$ 599.00 \$ 3,788.00 \$ 928.00 \$ 19,558.00 \$ 618.00 \$ 618.00 \$ 667.00 \$ 876.00 \$ 1,566.00 \$ 2,155.00 \$ 5,344.00 \$ 1,852.00 \$ 1,852.00
30	QA/QC Hourly Subtotal Cost 95% Design Review Comments Coordination Calculations Equipment selection Ventilation Heating Piping Greensand Filter Narrative Specifications	4 4 4	5 -	2 10 37 \$ 6,660 2 2 2 1 1 2 2 2 8 8 2 1 1 8	1 12 60 \$ 7,740 2 2 2 3 3 4 4 5 16 8 1 10	4 \$ 550 1 4	32 \$ 3,680 6 10 16 4	4 26 4 138 Hourly Subtotal 4 4 4 6 6 12 17 40 14 3 22 4 130	\$ 599.00 \$ 3,788.00 \$ 928.00 \$ 19,558.00 \$ 19,558.00 \$ 618.00 \$ 618.00 \$ 567.00 \$ 876.00 \$ 1,566.00 \$ 2,155.00 \$ 1,852.00 \$ 1,852.00 \$ 1,852.00 \$ 1,852.00 \$ 1,852.00
30	QA/QC Hourly Subtotal Cost 95% Design Review Comments Coordination Calculations Equipment selection Ventilation Heating Piping Greensand Filter Narrative Specifications QA/QC	4 \$ 928	5 -	2 10 37 \$ 6,660 2 2 1 1 2 2 2 2 2 3 8 3 8	1 12 60 \$ 7,740 2 2 2 3 3 4 4 5 16 8 1 10	4 \$ 550 1 4	32 \$ 3,680 6 10 16 4	4 26 4 138 Hourly Subtotal 4 4 4 6 6 12 17 40 14 3 22 4 130	\$ 599.00 \$ 3,788.00 \$ 928.00 \$ 19,558.00 \$ 618.00 \$ 618.00 \$ 67.00 \$ 876.00 \$ 1,566.00 \$ 2,155.00 \$ 1,852.00 \$ 1,852.00 \$ 1,852.00 \$ 419.00
	QA/QC Hourly Subtotal Cost 95% Design Review Comments Coordination Calculations Equipment selection Ventilation Heating Piping Greensand Filter Narrative Specifications QA/QC Hourly Subtotal Cost	4 4 4	5 -	2 10 37 \$ 6,660 2 2 2 1 1 2 2 2 8 8 2 1 1 8	1 12 60 \$ 7,740 2 2 2 3 3 4 4 5 16 8 1 10	4 \$ 550 1 4	32 \$ 3,680 6 10 16 4	4 26 4 138 Hourly Subtotal 4 4 4 6 12 17 40 14 3 22 4 130 Hourly	\$ 599.00 \$ 3,788.00 \$ 928.00 \$ 19,558.00 \$ 19,558.00 \$ 618.00 \$ 618.00 \$ 567.00 \$ 876.00 \$ 1,566.00 \$ 2,155.00 \$ 1,852.00 \$ 1,852.00 \$ 419.00 \$ 3,170.00 \$ 928.00
	QA/QC Hourly Subtotal Cost 95% Design Review Comments Coordination Calculations Equipment selection Ventilation Heating Piping Greensand Filter Narrative Specifications QA/QC Hourly Subtotal	4 4 4	5 -	2 10 37 \$ 6,660 2 2 2 1 1 2 2 2 8 8 2 1 1 8	1 12 60 \$ 7,740 2 2 2 3 3 4 4 5 16 8 1 10	4 \$ 550 1 4	32 \$ 3,680 6 10 16 4	4 26 4 138 Hourly Subtotal 4 4 4 6 6 12 17 40 14 3 22 4 130 Hourly Subtotal	\$ 599.00 \$ 3,788.00 \$ 928.00 \$ 19,558.00 \$ 19,558.00 \$ 618.00 \$ 618.00 \$ 567.00 \$ 1,566.00 \$ 2,155.00 \$ 2,155.00 \$ 419.00 \$ 1,852.00 \$ 419.00 \$ 3,170.00 \$ 928.00
	QA/QC Hourly Subtotal Cost 95% Design Review Comments Coordination Calculations Equipment selection Ventilation Heating Piping Greensand Filter Narrative Specifications QA/QC Hourly Subtotal Cost Construction Documents	4 4 4	5 -	2 10 37 \$ 6,660 2 2 2 2 2 2 8 8 2 1 1 8 30 \$ 5,400	1 12 60 \$ 7,740 2 2 2 3 4 4 5 16 8 1 10 \$ 7,095	4 \$ 550 1 4	32 \$ 3,680 6 10 16 4 36 \$ 4,140	4 26 4 138 Hourly Subtotal 4 4 4 6 6 12 17 40 14 3 22 4 130 Hourly Subtotal 10	\$ 599.00 \$ 3,788.00 \$ 928.00 \$ 19,558.00 \$ 19,558.00 \$ 618.00 \$ 618.00 \$ 567.00 \$ 1,566.00 \$ 2,155.00 \$ 2,155.00 \$ 419.00 \$ 1,852.00 \$ 419.00 \$ 3,170.00 \$ 928.00
	QA/QC Hourly Subtotal Cost 95% Design Review Comments Coordination Calculations Equipment selection Ventilation Heating Piping Greensand Filter Narrative Specifications QA/QC Hourly Subtotal Cost Construction Documents Review Comments	4 4 4	5 -	2 10 37 \$ 6,660 2 2 2 1 2 2 2 2 3 8 2 2 1 1 8 30 \$ 5,400	1 12 60 \$ 7,740 2 2 2 3 3 4 4 5 16 8 1 10 5 5,7,095	4 \$ 550 1 4	32 \$ 3,680 6 10 16 4 36 \$ 4,140	4 26 4 138 Hourly Subtotal 4 4 4 6 6 12 17 40 14 3 22 4 130 Hourly Subtotal 10	\$ 599.00 \$ 3,788.00 \$ 928.00 \$ 19,558.00 \$ 19,558.00 \$ 618.00 \$ 618.00 \$ 567.00 \$ 376.00 \$ 2,155.00 \$ 2,155.00 \$ 1,852.00 \$ 1,852.00 \$ 1,852.00 \$ 3,170.00 \$ 31,170.00 \$ 928.00 \$ 18,113.00 \$ 18,113.00 \$ 1,336.00 \$ 1,336.00 \$ 1,336.00
	QA/QC Hourly Subtotal Cost 95% Design Review Comments Coordination Calculations Equipment selection Ventilation Heating Piping Greensand Filter Narrative Specifications QA/QC Hourly Subtotal Cost Construction Documents Review Comments Coordination Finalize Drawings Finalize Specifications	4 4 4	5 -	2 10 37 \$ 6,660 2 2 2 2 2 2 2 8 8 2 2 1 8 8 5,400	1 12 60 \$ 7,740 2 2 2 3 3 4 4 5 16 8 1 10 5 5, 7,095	4 \$ 550 1 4	32 \$ 3,680 6 10 16 4 36 \$ 4,140	4 26 4 138 Hourly Subtotal 4 4 4 4 6 6 12 17 40 14 3 22 4 130 Hourly Subtotal 10 6 6 36 23	\$ 599.00 \$ 3,788.00 \$ 928.00 \$ 19,558.00 \$ 19,558.00 \$ 618.00 \$ 618.00 \$ 618.00 \$ 1,566.00 \$ 2,155.00 \$ 2,155.00 \$ 2,155.00 \$ 2,155.00 \$ 1,852.00 \$ 1,852.00 \$ 1,852.00 \$ 1,852.00 \$ 1,8113.00 \$ 928.00 \$ 18,113.00 \$ 18,113.00
	QA/QC Hourly Subtotal Cost 95% Design Review Comments Coordination Calculations Equipment selection Ventilation Heating Piping Greensand Filter Narrative Specifications QA/QC Hourly Subtotal Cost Construction Documents Review Comments Coordination Finalize Drawings	4 4 4	0 \$ -	2 10 37 \$ 6,660 2 2 2 2 2 2 8 8 2 1 8 30 \$ 5,400	1 12 60 \$ 7,740 2 2 2 3 4 4 5 16 8 1 10 5 5 5, 7,095	4 \$ 550 1 4 5 550	32 \$ 3,680 6 10 16 4 \$ 4,140	4 26 4 138 Hourly Subtotal 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	\$ 599.00 \$ 3,788.00 \$ 928.00 \$ 19,558.00 \$ 19,558.00 \$ 618.00 \$ 618.00 \$ 57.00 \$ 876.00 \$ 1,566.00 \$ 2,155.00 \$ 1,852.00 \$ 1,852.00

Moose Creek- Water Expansion PDC Inc. Engineers

11/21/2018

MECHANICAL ENGINEERING

	Princi Mecha	-	Projects Mechanical	Senior Mechanical	Staff Mechanical	Technical	Senior Engineering			
TASK	Engin	eer	Engineer	Engineer	Engineer	Editor	Technician			
Billing Rate	(\$/hr)	\$232.00	\$191.00	\$180.00	\$129.00	\$110.00	\$115.00			
Cost	\$	464	\$ -	\$ 3,600	\$ 3,870	\$ 330	\$ 2,530		\$	10,794.0
37 Bid Phase Services								Hourly Subtotal		Subtotal Cost
Bidder Questions				6	6			12	_	1,854.
Addenda				10	12		6	28	_	4,038.
Hourly Subtotal		0	0	16			6	40	_	
				A 2000	\$ 2,322	Ś -	\$ 690		\$	5,892.
Cost	\$		\$ -	\$ 2,880	\$ 2,322	-	3 690	Hourly	ş	3,032
80 Construction Administration	\$	-	-			-	3 650	Subtotal		Subtotal Cost
80 Construction Administration Review Submittals	\$	-	-	12	20	-	3 090	Subtotal 32	\$	Subtotal Cost 4,740
80 Construction Administration Review Submittals Respond to Construction Questions (DCVRs)	\$	-	-	12	20	-	3 690	Subtotal 32 32	\$	Subtotal Cost 4,740 4,740
80 Construction Administration Review Submittals Respond to Construction Questions (DCVRs) Review Change Order Requests	\$		-	12 12 12 8	20	-	5 050	Subtotal 32 32 20	\$ \$	Subtotal Cost 4,740 4,740 2,988
80 Construction Administration Review Submittals Respond to Construction Questions (DCVRs) Review Change Order Requests Review pay requests	\$			12 12 8 6	20 20 12		5 650	Subtotal 32 32 20 6	\$ \$ \$	Subtotal Cost 4,740 4,740 2,988 1,080
80 Construction Administration Review Submittals Respond to Construction Questions (DCVRs) Review Change Order Requests Review pay requests Attend substantial and final inspections	\$		-	12 12 12 8	20 20 12		5 650	Subtotal 32 32 20 6 16	\$ \$ \$ \$	Subtotal Cost 4,740 4,740 2,988 1,080 2,472
80 Construction Administration Review Submittals Respond to Construction Questions (DCVRs) Review Change Order Requests Review pay requests Attend substantial and final inspections Review contractor redlines	\$		-	12 12 8 6	20 20 12 8 8 6			Subtotal 32 32 20 6 16 8	\$ \$ \$ \$ \$	Subtotal Cost 4,740 4,740 2,988 1,080 2,472 1,134
Review Submittals Respond to Construction Questions (DCVRs) Review Change Order Requests Review pay requests Attend substantial and final inspections Review contractor redlines Prepare Record Drawings	\$	-		12 12 8 6 8 2	20 20 12 8 6 8		16	32 32 20 6 16 8	\$ \$ \$ \$ \$	Subtotal Cost 4,740. 4,740. 2,988. 1,080. 2,472. 1,134.
Review Submittals Respond to Construction Questions (DCVRs) Review Change Order Requests Review pay requests Attend substantial and final inspections Review contractor redlines	\$	0	0 \$ -	12 12 8 6	20 20 12 8 6 8	0		Subtotal 32 32 20 6 16 8	\$ \$ \$ \$ \$	
Review Submittals Respond to Construction Questions (DCVRs) Review Change Order Requests Review pay requests Attend substantial and final inspections Review contractor redlines Prepare Record Drawings Hourly Subtotal		0	0	12 12 8 6 8 2	20 20 12 8 8 6 8	0	16	32 32 20 6 16 8	\$ \$ \$ \$ \$	Subtotal Cost 4,740 4,740 2,988 1,080 2,472 1,134 2,872
Review Submittals Respond to Construction Questions (DCVRs) Review Change Order Requests Review pay requests Attend substantial and final inspections Review contractor redlines Prepare Record Drawings Hourly Subtotal		0 -	0 \$ -	12 12 8 6 8 2 2	20 20 12 8 6 8 74 \$ 9,546	0 \$ -	16 16 \$ 1,840	32 32 20 6 16 8	\$ \$ \$ \$ \$	Subtotal Cost 4,740 4,740 2,988 1,080 2,472 1,134 2,872

ELECTRICAL ENGINEERING

#	TASK	Principal Electrical Engineer	Electrical			Electrical EIT	Technical Editor	Senior Engineering Technician		
	Billing Rate (\$/hr) \$232.00	\$191.00	\$180.00	\$129.00	\$108.00	\$110.00	\$115.00		
	Company Decima								Hourly	
20	Concept Design Site Investigation		I	2	2			1	Subtotal 4	Subtotal Cost \$ 618.00
	Coordination			2	4	+				\$ 876.00
	Calculations			2	4					\$ 876.00
	Materials selection			2	4				6	
	Lighting			3	3					\$ 927.00
	Power			2	4				6	\$ 876.00
	QA/QC		2						2	\$ 382.00
	Drawing Setup							4		\$ 460.00
	Hourly Subtotal		2		+				40	
	Cost	\$ -	\$ 382	\$ 2,340	\$ 2,709	\$ -	\$ -	\$ 460		\$ 5,891.00
									Hourly	
22	35% Design								Subtotal	Subtotal Cost
	Interior Lighting Design			4	4			12	20	
	Exterior Lighting Design			4	6				10	
	Power Design			6	8			6	20	
	Utility Power Coordination			6	8				14	
	Standby Generator			4	6			3		\$ 1,839.00
	Specifications			6	12			4		\$ 3,088.00
	Review Conference	1		2	6			6		\$ 1,824.00
	QA/QC	1	4						4	\$ 764.00
	Project Management	1		4				4	8	\$ 1,180.00
	Hourly Subtotal	0		-	1	1		•	125	â 47.740.00
	Cost	\$ -	\$ 764	\$ 6,480	\$ 6,450	\$ -	\$ -	\$ 4,025		\$ 17,719.00
									Hourly	
25	65% Design								Subtotal	Subtotal Cost
	Interior Lighting Design			6	12			6	24	\$ 3,318.00
	Exterior Lighting Design			4	6			4	14	\$ 1,954.00
	Power Design			6	8	+		12	26	\$ 3,492.00
	Utility Power Coordination			2	6			2		\$ 1,364.00
	Standby Generator			4	6	+		3		\$ 1,839.00
	Specifications			6	12	+			18	
	Review Conference			2	4			4	10	
	QA/QC Project Management		4	4					4	\$ 764.00 \$ 720.00
	Hourly Subtotal	0	4		54) 0	31	123	\$ 720.00
	Cost	\$ -	\$ 764					\$ 3,565	123	\$ 17,415.00
		1 4	701) 0)220	0,555	1 4	1 7	φ 3,555		27,120.00
									Hourly	
30	95% Design								Subtotal	Subtotal Cost
	Interior Lighting Design			6	12			6	24	
	Exterior Lighting Design	1		4	6	i		4	14	
	Power Design			6				12	26 7	
	Utility Power Coordination Standby Generator	+		2			1	2	8	
								2	18	
	Specifications			6	12	1			10	
	Specifications Review Conference			6	1	1		Д	10	
	Specifications Review Conference QA/QC		4	2	4	1		4	10 4	\$ 1,336.00 \$ 764.00
	Review Conference		4	2	1	1		4	4	
	Review Conference QA/QC	0		2	4		0		4	\$ 764.00
	Review Conference QA/QC Project Management	0 \$ -		4 32	4) 0	\$ -	30	4 4 115	\$ 764.00
	Review Conference QA/QC Project Management Hourly Subtotal		4	4 32	4) 0		30	4 4 115	\$ 764.00 \$ 720.00
25	Review Conference QA/QC Project Management Hourly Subtotal Cost		4	4 32	4) 0		30	4 115 Hourly	\$ 764.00 \$ 720.00 \$ 16,295.00
35	Review Conference QA/QC Project Management Hourly Subtotal Cost Construction Documents		4	4 32 \$ 5,760	4 49 \$ 6,321	\$ -		30 \$ 3,450	4 115 Hourly Subtotal	\$ 764.00 \$ 720.00 \$ 16,295.00
35	Review Conference QA/QC Project Management Hourly Subtotal Cost Construction Documents Interior Lighting Design		4	4 32 \$ 5,760	4 4 9 \$ 6,321	\$ -		30 \$ 3,450	4 4 115 Hourly Subtotal	\$ 764.00 \$ 720.00 \$ 16,295.00 Subtotal Cost \$ 3,318.00
35	Review Conference QA/QC Project Management Hourly Subtotal Cost Construction Documents Interior Lighting Design Exterior Lighting Design		4	\$ 5,760	4 49 \$ 6,321 12 6	\$ -		30 \$ 3,450	4 4 115 Hourly Subtotal 24	\$ 764.00 \$ 720.00 \$ 16,295.00 Subtotal Cost \$ 3,318.00 \$ 1,954.00
35	Review Conference QA/QC Project Management Hourly Subtotal Cost Construction Documents Interior Lighting Design Exterior Lighting Design Power Design		4	\$ 5,760	49 \$ 6,321 12 6 8	\$ -		30 \$ 3,450 6 4 12	4 4 115 Hourly Subtotal 24 14 26	\$ 764.00 \$ 720.00 \$ 16,295.00 Subtotal Cost \$ 3,318.00 \$ 1,954.00 \$ 3,492.00
35	Review Conference QA/QC Project Management Hourly Subtotal Cost Construction Documents Interior Lighting Design Exterior Lighting Design		4	\$ 5,760	4 49 \$ 6,321 12 6	\$ -		30 \$ 3,450	4 4 115 Hourly Subtotal 24	\$ 764.00 \$ 720.00 \$ 16,295.00 Subtotal Cost \$ 3,318.00 \$ 1,954.00 \$ 3,492.00 \$ 1,106.00
35	Review Conference QA/QC Project Management Hourly Subtotal Cost Construction Documents Interior Lighting Design Exterior Lighting Design Power Design Utility Power Coordination		4	\$ 5,760 6 4 6 2	49 \$ 6,321 12 6 8 8 4	\$ -		30 \$ 3,450 6 4 12 2	4 4 115 Hourly Subtotal 24 14 26	\$ 764.00 \$ 720.00 \$ 16,295.00 \$ subtotal Cost \$ 3,318.00 \$ 1,954.00 \$ 3,492.00 \$ 1,106.00 \$ 977.00
35	Review Conference QA/QC Project Management Hourly Subtotal Cost Construction Documents Interior Lighting Design Exterior Lighting Design Power Design Utility Power Coordination Standby Generator		4	4 32 \$ 5,760 6 4 6 2 2	49 \$ 6,321 12 6 8 4	\$ -		30 \$ 3,450 6 4 12 2	4 4 115 Hourly Subtotal 24 14 26 8 7	\$ 764.00 \$ 720.00 \$ 16,295.00 \$ subtotal Cost \$ 3,318.00 \$ 1,954.00 \$ 3,492.00 \$ 1,106.00 \$ 977.00 \$ 2,628.00
35	Review Conference QA/QC Project Management Hourly Subtotal Cost Construction Documents Interior Lighting Design Exterior Lighting Design Power Design Utility Power Coordination Standby Generator Specifications Review Conference QA/QC		4	4 32 \$ 5,760 6 4 6 2 2 6	49 \$ 6,321 12 6 8 4 3 12	\$ -		30 \$ 3,450 6 4 12 2 2	4 4 115 Hourly Subtotal 24 14 26 8 7 18 10	\$ 764.00 \$ 720.00 \$ 16,295.00 Subtotal Cost \$ 3,318.00 \$ 1,954.00 \$ 3,492.00 \$ 1,00.00 \$ 977.00 \$ 2,628.00 \$ 1,336.00 \$ 1,336.00 \$ 764.00
35	Review Conference QA/QC Project Management Hourly Subtotal Cost Construction Documents Interior Lighting Design Exterior Lighting Design Power Design Utility Power Coordination Standby Generator Specifications Review Conference QA/QC Project Management	5 -	\$ 764	2 32 \$ 5,760 6 4 6 2 2 2 6 6	49 \$ 6,321 12 6 8 4 3 12 4	S -	\$ -	6 4 12 2 4	4 4 115 Hourly Subtotal 24 14 26 8 7 18 10 4	\$ 764.00 \$ 720.00 \$ 16,295.00 \$ 16,295.00 \$ 1,954.00 \$ 1,954.00 \$ 3,492.00 \$ 1,106.00 \$ 977.00 \$ 2,628.00 \$ 1,336.00
35	Review Conference QA/QC Project Management Hourly Subtotal Cost Construction Documents Interior Lighting Design Exterior Lighting Design Power Design Utility Power Coordination Standby Generator Specifications Review Conference QA/QC		\$ 764	2 \$ 5,760 6 4 6 2 2 2 6 6 2 2	49 \$ 6,321 12 66 8 4 3 12 4	\$ -	\$ -	6 4 12 2 4	4 4 115 Hourly Subtotal 24 14 26 8 7 18 10 4	\$ 764.00 \$ 720.00 \$ 16,295.00 Subtotal Cost \$ 3,318.00 \$ 1,954.00 \$ 3,492.00 \$ 1,00.00 \$ 977.00 \$ 2,628.00 \$ 1,336.00 \$ 1,336.00 \$ 764.00

PDC Inc. Engineers Moose Creek- Water Expansion

11/21/2018

ELECTRICAL ENGINEERING

		Principal	Special Projects	Senior	Staff	Electrical	Taskaisal	Senior		
#			Electrical	Electrical	Electrical	Electrical	Technical Editor	Engineering Technician		
#		Engineer	Engineer	Engineer	Engineer	EIT				
	Billing Rate (\$/hr)	\$232.00	\$191.00	\$180.00	\$129.00	\$108.00	\$110.00	\$115.00		
37	Bid Phase Services								Hourly Subtotal	Subtotal Cost
	Bidder Questions			6	6				12	\$ 1,854.00
	Addenda			6	12			6	24	\$ 3,318.00
	Hourly Subtotal	0	0	12	18	0	0	6	36	
	Cost	\$ -	\$ -	\$ 2,160	\$ 2,322	\$ -	\$ -	\$ 690		\$ 5,172.00
	Construction Administration Review Submittals			4	12	I	<u> </u>	I	Subtotal 16	\$ 2,268.00
80	Construction Administration								Hourly	Subtotal Cost
				4	8	-	-			
	Respond to Construction Questions (DCVRs) Review Change Order Requests			4					12 16	
	Review pay requests			4	12				10	, , , , , , , , , , , , , , , , , , , ,
	Attend substantial and final inspections			6	6		1		10	, , , , , , , , , , , , , , , , , , , ,
	Review contractor redlines			2	6		1			\$ 1,134.00
	Prepare Record Drawings				4			8	12	, , , , , , ,
	Hourly Subtotal	0		24	54		0		86	
	Cost	\$ -	\$ -	\$ 4,320	\$ 6,966		\$ -	\$ 920		\$ 12,206.00
	COSE	-		7 4,320	9 0,500		14 -	920	I.	ب 12,200.00
	Discipline Totals	0	18	183	295	0	0	144	640	
	Design Services	\$ -	\$ 3,438	\$ 32,940	\$ 38,055	\$ -	\$ -	\$ 16,560		\$ 90,993

ENVIRONMENTAL / PLANNING

TASK			Environ Analyst		Staff Planner		Technical Editor	Enginee ring Technic ian	
	Billing Rate (\$/hr)	\$232.00	\$134.0	0 \$149.00	\$101.00	\$101.00	\$110.00	115	
20 Concept Design								Hourly Subtotal	Subtotal Cost
Data Collection				8	8			16	
Agency Scoping			3		8		8		\$ 5,976.
SHPO Initiation (NLURA)			1	6				16	\$ 2,144.
Environmental Impact Assessment (EA	ι)		9	6				96	\$ 12,864.
Identify necessary permits				8				8	\$ 1,072.
Public Involvement				16				32	\$ 4,000.
Hourly Subtotal			10		+				
Cost		\$ -	\$ 21,44	0 \$ 2,384	\$ 3,232	\$ -	\$ 880		\$ 27,936.
22 35% Design Obtain SHPO Concurrence (NLURA)			1	6	I			Hourly Subtotal	Subtotal Cost \$ 2,144.
Finalize NEPA Documentation (EA)			9			8		104	
Agency Coordination			3					32	
Public Involvement				16	16			32	
USACE Flood Channel Coordination			1	2					
Draft Permit Packages						8			\$ 808.
USACE wetlands (includes field ver	ification)		4		32		8	88	
Floodplain		<u> </u>	+	8		ļ	8	16	
DNR Water Use		 	1			-	8	20	
DNR Land Use			1			-	8		\$ 3,024.
ADF&G Fish Habitat			1			46	8	24	\$ 3,024.
Hourly Subtotal Cost		0	\$ 34,30		+	†			\$ 47,552.
65% Design								Hourly Subtotal	Subtotal Cost
Final Permit Packages		ļ						0	•
USACE wetlands				8		-	4		\$ 1,512.
Floodplain				8			4	12	
DNR Water Use DNR Land Use			+	8			4	12	
ADF&G Fish Habitat			+	8			4	12	
USACE Flood Channel Coordination			2				7	12	7 1,512.
ESCP plan sheets			2				32	56	\$ 6,736.
Agency Coordination			2					24	
Public Involvement				16	8			24	
Hourly Subtotal		0	1:	12 16	5 8	0	52	188	
Cost		\$ -	\$ 15,00	8 \$ 2,384	\$ 808	\$ -	\$ 5,720		\$ 23,920.
95% Design								Hourly Subtotal	Subtotal Cost
ESCP Plan Sheets		<u> </u>	3			ļ	32	64	
Permit Status		 	1			-		16	
Agency Coordination		<u> </u>	1			-		16	
Public Involvement		0		8 64 8			32	16 112	\$ 2,000.
Harrier Cristatal) (140	5 8	i			\$ 14,096.
Hourly Subtotal Cost					\$ 808	\$ -	\$ 3,520	1	. ,
Cost			\$ 8,57		\$ 808	\$ -	\$ 3,520	Hourly	Culptotal Cont
Cost Construction Documents		\$ -	\$ 8,57	5 \$ 1,192				Hourly Subtotal	Subtotal Cost
Cost			\$ 8,57	5 \$ 1,192	\$ 808 0 0 \$ -			Hourly Subtotal	
Cost Construction Documents Hourly Subtotal		\$ -	\$ 8,57	0 0	0	0	0	Hourly Subtotal	
Construction Documents Hourly Subtotal Cost		\$ -	\$ 8,57	0 0	0	0	0	Hourly Subtotal	
Construction Documents Hourly Subtotal Cost		\$ -	\$ 8,57	0 0 0	0	0	0	Hourly Subtotal 0	\$ -
Cost Construction Documents Hourly Subtotal Cost Bid Phase Services Permitting questions		\$ -	\$ 8,57	0 0 0	5 -	\$ -	\$ -	Hourly Subtotal 0 Hourly Subtotal	\$ -
Cost Construction Documents Hourly Subtotal Cost Bid Phase Services		\$ - 0 \$ -	\$ 8,57	0 0 0	5 -	\$ -	\$ -	Hourly Subtotal 0 Hourly Subtotal 16	\$ Subtotal Cost
Cost Construction Documents Hourly Subtotal Cost Bid Phase Services Permitting questions Hourly Subtotal Cost		\$ -	\$ 8,57	0 (\$ -)	\$ -	\$ -	Hourly Subtotal Hourly Subtotal 16 16	Subtotal Cost \$ 2,144.
Cost Construction Documents Hourly Subtotal Cost Bid Phase Services Permitting questions Hourly Subtotal Cost Cost Construction Administratio	n	\$ -	\$ 8,57	0 C S -)	\$ -	\$ -	Hourly Subtotal Hourly Subtotal 16 16 Hourly Subtotal	Subtotal Cost \$ 2,144. \$ 2,144.
Cost Construction Documents Hourly Subtotal Cost Bid Phase Services Permitting questions Hourly Subtotal	n	\$ -	\$ 8,57	0 C S)	\$ -	\$ -	Hourly Subtotal Hourly Subtotal 16 16	\$

Moose Creek- Water Expansion PDC Inc. Engineers

11/21/2018

ENVIRONMENTAL / PLANNING

															Senior	
															Enginee	
															ring	
				Envi	iron	Env	iron						Techni	cal	Technic	
#		TASK		Prin	cipal	Ana	alyst	GIS Planner	Sta	aff Planner	Env	riron 2	Editor		ian	
			Billing Rate (\$/hr)		\$232.00		\$134.00	\$149.00		\$101.00		\$101.00		\$110.00	115	
	Cost			\$	-	\$	12,864	\$ -	\$	-	\$	-	\$	-		\$ 12,864.00
	·					-		-								
	Discipline Totals				0		704	56	5	96		16		132	1004	
	Design Services			\$	-	\$	94,336	\$ 8,344	\$	9,696.00	\$	1,616	\$	14,520		\$ 128,512

GEOTECH

						OTECH								
			cipal								Senior			
		Geot			otech	Environ			Technic	al	Engineering			
	TASK	Engi	neer	Eng	gineer	Analyst	Engin	ieer	Editor		Technician			
	Billing Rate (\$/hr)		\$232.00		\$185.00	\$130.00	\$	125.00	\$11	0.00	\$115.00			
						•					•	Hourly	П	
20 Cc	oncept Design											Subtotal	l	Subtotal Cost
Init	tial Site Visit				12							12	\$	2,220.
Re	search/Collect Existing Subsurface Data				16							16	\$	2,960.
	view/Analyze Available Data				16								_	2,960.
	evelop Field Exploration Plan				3								-	555.
	purly Subtotal				47	0		0		0	0		Ť	
	ost	\$		\$	8,695	\$ -	\$		\$		\$ -		\$	8,695.
	D3t	y		7	0,000	7	Y		7		1 7	ļI	٠	0,055.
												Hourly	$\overline{}$	
22 35	5% Design											Subtotal	l	Subtotal Cost
	rmitting/Permission/Utility Locate Coordination				12	12		8				32	ć	
						12							_	4,780
	affic Control Plans				2			8					-	1,370.
	eld Explorations (Travel and Field Time)			-	120				1		-	120	<u> </u>	22,200.
	evelop Laboratory Testing Program			-	2						-		<u> </u>	370.
	view Laboratory Results			_	4								· ·	740
	velop Geotechnical Recommendations				12								-	2,220
	epare Draft Geotechnical Report				30					2			<u> </u>	5,770
QA	A/QC		7							4		11	\$	2,064
Fin	nalize Geotechnical Recommendations/Report				10					2		12	\$	2,070
Co	ost	\$	1,624	\$	35,520	\$ 1,560	\$	2,000	\$	880	\$ -		\$	41,584
	<u> </u>					•							П	
												Hourly	П	
25 65	5% Design											Subtotal	l	Subtotal Cost
	ordinate with Civil/Structural				8							8	\$	1,480
	eotechnical Review of Design				4								\$	740
	purly Subtotal		0		12	0		0		0	0		Ť	740
	ost	\$		\$	2,220		\$		\$		\$ -		\$	2,220
CC	ust	Ą		٦	2,220	-	Ą		٦		-		ب	2,220.
												Hourly	$\overline{}$	
20 05	5% Design											Subtotal	l	Subtotal Cost
	ordinate with Civil/Structural				0						1		\$	
	·				8								-	1,480
	eotechnical Review of Design				4								\$	740
	purly Subtotal		0	_	12	0	_	0	-	0	+		<u> </u>	
Co	ost	\$	-	\$	2,220	\$ -	\$	-	\$	-	\$ -		\$	2,220
												Hourly	l	
35 Cc	onstruction Documents											Subtotal	\perp	Subtotal Cost
Co	ordinate with Civil/Structural				8							8	\$	1,480
Ge	eotechnical Review of Design				4							4	\$	740
Но	ourly Subtotal		0		12	0		0		0	0	12	П	
	ost	\$	-	\$	2,220	\$ -	\$	-	\$	-	\$ -		\$	2,220
					, -								_	, =-
												Hourly		
37 Ri	id Phase Services											Subtotal	ı	Subtotal Cost
	spond to Geotechnical Questions			1	8							8	Ś	1,480
_	purly Subtotal		0		8	0		0		0	0		Ť	1,-00
	-	ć	- 0	-				U			+		4	4 400
Co	ost	\$		\$	1,480	-	\$	-	\$	-	\$ -		\$	1,480
												Harrie I	$\overline{}$	
00 0	onetruction Administration											Hourly	l	C., b. a - a - 1 C
	onstruction Administration										1	Subtotal	H	Subtotal Cos
	spond to Geotechnical Questions			-	8				-		-		\$	1,480
	e Visits (4 trips)				16								\$	2,960
Но	purly Subtotal		0	_	24	0	_	0	-	0	+		—	
Co	ost	\$	-	\$	4,440	\$ -	\$	-	\$	-	\$ -		\$	4,440
Dis	scipline Totals		7		307	12		16		8	0	350	Π	
	esign Services	\$	1,624	\$	56,795			2,000		880	+		\$	62,8
	-				,	, , , , , , , , , , , , , , , , , , , ,		,			1.		<u> </u>	

SURVEYING

‡	TASK	Principal Professional Surveyor	Senior Professional Surveyor	Lead Professional Surveyor	Project Professional Surveyor	Staff Professional Surveyor	Two Person Crew		
	Billing Rate (\$/hr	\$232.00	\$180.00	\$165.00	\$149.00	\$129.00	\$273.00		
								Hourly	
20	Concept Design		ı	ı	1			Subtotal	Subtotal Cost
	Project setup / preliminary research / calcs			8		16		24	\$ 3,384.0
	Review ROW plans (Rich/Old Rich/ARRC)			24				24	\$ 3,960.0
	Review subdivision plats (22)			44				44	
	Review tax lot title reports (25)			50			2.4	50	
	Daily mobe/travel/RTK setup/checks Recon / control recovery						34 16	34	\$ 9,282.0 \$ 4,368.0
	Static GPS control survey						20	16 20	
	Recon / ROW and subdiv. corner recovery and ties					20	100	120	
	Data reduction					50	100	50	
	Preliminary basemap preparation					80		80	\$ 10,320.0
	Discipline management / QA/QC			25		80		25	\$ 4,125.0
		0	0		0	166	170	487	\$ 4,125.0
	Hourly Subtotal	\$ -	\$ -				170 \$ 46,410	467	ć 02.720.0
	Cost	-	, -	\$ 24,915	-	\$ 21,414	\$ 46,410		\$ 92,739.0
								Hourly	
22	35% Design							Subtotal	Subtotal Cost
	Project coordination / lineouts			24		18		42	
	Daily mobe/travel/RTK setup/checks			24		10	34	34	\$ 9,282.0
	LiDAR check surveys						16	16	\$ 4,368.0
	Tie geotech bore holes						12	12	
	Additional monument ties					12	40	52	
	Detailed design survey at pump house site	<u> </u>				12	12	12	
	Spot surveys						40	40	\$ 3,276.0
	Highway / TAPS / Haines pipeline xing surveys	1					40	40	
							40		
	Data reduction					60		60	\$ 7,740.0
	Survey drafting / DTMs			40		60	40	60	
	Problem ROW determination			40			40	80	
	Update basemap					80		80	\$ 10,320.0
	Discipline management / QA/QC	25		25					
	Hourly Subtotal	25	0				234	578	
	Cost	\$ 5,800	\$ -	\$ 14,685	\$ -	\$ 29,670	\$ 63,882		\$ 114,037.0
								Hourly	
25	65% Design Project coordination / lineouts			8		16		Subtotal 24	
25	Project coordination / lineouts Daily mobe/travel/RTK setup/checks			8		16	32	Subtotal 24 32	\$ 3,384.0 \$ 8,736.0
25	Project coordination / lineouts Daily mobe/travel/RTK setup/checks Corridor survey for permitting (6.4mi)			8			88	Subtotal 24 32 88	\$ 3,384.0 \$ 8,736.0 \$ 24,024.0
25	Project coordination / lineouts Daily mobe/travel/RTK setup/checks Corridor survey for permitting (6.4mi) Underground utility locates / coordination			8		12		Subtotal 24 32 88 52	\$ 3,384.0 \$ 8,736.0 \$ 24,024.0 \$ 12,468.0
25	Project coordination / lineouts Daily mobe/travel/RTK setup/checks Corridor survey for permitting (6.4mi) Underground utility locates / coordination Data reduction			8		12 60	88	Subtotal 24 32 88 52 60	\$ 3,384.0 \$ 8,736.0 \$ 24,024.0 \$ 12,468.0 \$ 7,740.0
25	Project coordination / lineouts Daily mobe/travel/RTK setup/checks Corridor survey for permitting (6.4mi) Underground utility locates / coordination Data reduction Survey drafting / CAD			8		12	88	24 32 88 52 60 80	\$ 3,384.0 \$ 8,736.0 \$ 24,024.0 \$ 12,468.0 \$ 7,740.0 \$ 10,320.0
25	Project coordination / lineouts Daily mobe/travel/RTK setup/checks Corridor survey for permitting (6.4mi) Underground utility locates / coordination Data reduction Survey drafting / CAD Easements (30)					12 60	88	Subtotal 24 32 88 52 60 80 0	\$ 3,384.0 \$ 8,736.0 \$ 24,024.0 \$ 12,468.0 \$ 7,740.0 \$ 10,320.0 \$
25	Project coordination / lineouts Daily mobe/travel/RTK setup/checks Corridor survey for permitting (6.4mi) Underground utility locates / coordination Data reduction Survey drafting / CAD Easements (30) Order / review title reports (30)			8		12 60 80	88	Subtotal 24 32 88 52 60 80 0	\$ 3,384.0 \$ 8,736.0 \$ 24,024.0 \$ 12,468.0 \$ 7,740.0 \$ 10,320.0 \$ - \$ 9,900.0
25	Project coordination / lineouts Daily mobe/travel/RTK setup/checks Corridor survey for permitting (6.4mi) Underground utility locates / coordination Data reduction Survey drafting / CAD Easements (30) Order / review title reports (30) Parcel plats (30)			60		12 60	88	\$ubtotal 24 32 88 52 60 80 0 60 300	\$ 3,384.0 \$ 8,736.0 \$ 24,024.0 \$ 12,468.0 \$ 7,740.0 \$ 10,320.0 \$ - \$ 9,900.0 \$ 38,700.0
25	Project coordination / lineouts Daily mobe/travel/RTK setup/checks Corridor survey for permitting (6.4mi) Underground utility locates / coordination Data reduction Survey drafting / CAD Easements (30) Order / review title reports (30) Parcel plats (30) Legal description (30)			60		12 60 80	88	\$\text{Subtotal}\$ 24 32 88 52 60 80 0 60 300 150	\$ 3,384.0 \$ 8,736.0 \$ 24,024.0 \$ 12,468.0 \$ 7,740.0 \$ 10,320.0 \$ - \$ 9,900.0 \$ 38,700.0 \$ 24,750.0
25	Project coordination / lineouts Daily mobe/travel/RTK setup/checks Corridor survey for permitting (6.4mi) Underground utility locates / coordination Data reduction Survey drafting / CAD Easements (30) Order / review title reports (30) Parcel plats (30) Legal description (30) Discipline management / QA/QC	40		60 150 40		12 60 80	88 40	Subtotal 24 32 88 52 60 0 60 300 150 80	\$ 3,384.0 \$ 8,736.0 \$ 24,024.0 \$ 12,468.0 \$ 7,740.0 \$ 10,320.0 \$ 9,900.0 \$ 38,700.0 \$ 24,750.0
25	Project coordination / lineouts Daily mobe/travel/RTK setup/checks Corridor survey for permitting (6.4mi) Underground utility locates / coordination Data reduction Survey drafting / CAD Easements (30) Order / review title reports (30) Parcel plats (30) Legal description (30) Discipline management / QA/QC Hourly Subtotal	40	0	60 150 40 258	0	12 60 80 300	88 40 160	\$\text{Subtotal}\$ 24 32 88 52 60 80 0 60 300 150	\$ 3,384.0 \$ 8,736.0 \$ 24,024.0 \$ 12,468.0 \$ 7,740.0 \$ 10,320.0 \$ 9,900.0 \$ 38,700.0 \$ 24,750.0 \$ 15,880.0
25	Project coordination / lineouts Daily mobe/travel/RTK setup/checks Corridor survey for permitting (6.4mi) Underground utility locates / coordination Data reduction Survey drafting / CAD Easements (30) Order / review title reports (30) Parcel plats (30) Legal description (30) Discipline management / QA/QC		0 \$ -	60 150 40	0 \$ -	12 60 80	88 40	Subtotal 24 32 88 52 60 0 60 300 150 80	\$ 3,384.0 \$ 8,736.0 \$ 24,024.0 \$ 12,468.0 \$ 7,740.0 \$ 10,320.0 \$ - \$ 9,900.0 \$ 38,700.0 \$ 24,750.0
25	Project coordination / lineouts Daily mobe/travel/RTK setup/checks Corridor survey for permitting (6.4mi) Underground utility locates / coordination Data reduction Survey drafting / CAD Easements (30) Order / review title reports (30) Parcel plats (30) Legal description (30) Discipline management / QA/QC Hourly Subtotal	40		60 150 40 258		12 60 80 300	88 40 160	Subtotal 24 32 88 52 60 80 0 60 300 150 80 926	\$ 3,384.0 \$ 8,736.0 \$ 24,024.0 \$ 12,468.0 \$ 7,740.0 \$ 10,320.0 \$ 9,900.0 \$ 38,700.0 \$ 24,750.0 \$ 15,880.0
	Project coordination / lineouts Daily mobe/travel/RTK setup/checks Corridor survey for permitting (6.4mi) Underground utility locates / coordination Data reduction Survey drafting / CAD Easements (30) Order / review title reports (30) Parcel plats (30) Legal description (30) Discipline management / QA/QC Hourly Subtotal Cost	40		60 150 40 258		12 60 80 300	88 40 160	Subtotal 24 32 88 52 60 80 0 60 300 150 80 926	\$ 3,384.0 \$ 8,736.0 \$ 24,024.0 \$ 12,468.0 \$ 7,740.0 \$ 10,320.0 \$ 9,900.0 \$ 38,700.0 \$ 24,750.0 \$ 15,880.0
	Project coordination / lineouts Daily mobe/travel/RTK setup/checks Corridor survey for permitting (6.4mi) Underground utility locates / coordination Data reduction Survey drafting / CAD Easements (30) Order / review title reports (30) Parcel plats (30) Legal description (30) Discipline management / QA/QC Hourly Subtotal Cost	40		60 150 40 258 \$ 42,570		12 60 80 300 468 \$ 60,372	88 40 160	Subtotal 24 32 88 52 60 80 0 60 300 150 80 926 Hourly Subtotal	\$ 3,384.0 \$ 8,736.0 \$ 24,024.0 \$ 12,468.0 \$ 7,740.0 \$ 10,320.0 \$ 9,900.0 \$ 38,700.0 \$ 24,750.0 \$ 155,880.0
	Project coordination / lineouts Daily mobe/travel/RTK setup/checks Corridor survey for permitting (6.4mi) Underground utility locates / coordination Data reduction Survey drafting / CAD Easements (30) Order / review title reports (30) Parcel plats (30) Legal description (30) Discipline management / QA/QC Hourly Subtotal Cost 95% Design Prepare Survey Control Sheets	\$ 9,280		60 150 40 258 \$ 42,570		12 60 80 300	88 40 160	Subtotal 24 32 88 52 60 80 0 60 300 150 80 926 Hourly Subtotal	\$ 3,384.0 \$ 8,736.0 \$ 24,024.0 \$ 12,468.0 \$ 7,740.0 \$ 10,320.0 \$ 9,900.0 \$ 38,700.0 \$ 24,750.0 \$ 15,880.0
	Project coordination / lineouts Daily mobe/travel/RTK setup/checks Corridor survey for permitting (6.4mi) Underground utility locates / coordination Data reduction Survey drafting / CAD Easements (30) Order / review title reports (30) Parcel plats (30) Legal description (30) Discipline management / QA/QC Hourly Subtotal Cost 95% Design Prepare Survey Control Sheets Discipline management / QA/QC	\$ 9,280	\$ -	60 150 40 258 \$ 42,570	\$ -	12 60 80 300 468 \$ 60,372	160 \$ 43,680	Subtotal 24 32 88 52 60 80 0 60 300 150 80 926 Hourly Subtotal 48	\$ 3,384.0 \$ 8,736.0 \$ 24,024.0 \$ 12,468.0 \$ 7,740.0 \$ 10,320.0 \$ 9,900.0 \$ 38,700.0 \$ 24,750.0 \$ 15,880.0
	Project coordination / lineouts Daily mobe/travel/RTK setup/checks Corridor survey for permitting (6.4mi) Underground utility locates / coordination Data reduction Survey drafting / CAD Easements (30) Order / review title reports (30) Parcel plats (30) Legal description (30) Discipline management / QA/QC Hourly Subtotal Cost 95% Design Prepare Survey Control Sheets Discipline management / QA/QC Hourly Subtotal	\$ 9,280 \$ 1	\$ -	\$ 42,570	\$ -	12 60 80 300 468 \$ 60,372	160 \$ 43,680	Subtotal 24 32 88 52 60 80 0 60 300 150 80 926 Hourly Subtotal	\$ 3,384.0 \$ 8,736.0 \$ 24,024.0 \$ 12,468.0 \$ 10,320.0 \$ - \$ 9,900.0 \$ 38,700.0 \$ 24,750.0 \$ 15,880.0 \$ 155,902.0 \$ \$ 892.0
	Project coordination / lineouts Daily mobe/travel/RTK setup/checks Corridor survey for permitting (6.4mi) Underground utility locates / coordination Data reduction Survey drafting / CAD Easements (30) Order / review title reports (30) Parcel plats (30) Legal description (30) Discipline management / QA/QC Hourly Subtotal Cost 95% Design Prepare Survey Control Sheets Discipline management / QA/QC	\$ 9,280	\$ -	60 150 40 258 \$ 42,570	\$ -	12 60 80 300 468 \$ 60,372	160 \$ 43,680	Subtotal 24 32 88 52 60 80 0 60 300 150 80 926 Hourly Subtotal 48	\$ 3,384.0 \$ 8,736.0 \$ 24,024.0 \$ 12,468.0 \$ 7,740.0 \$ 10,320.0 \$ 9,900.0 \$ 38,700.0 \$ 24,750.0 \$ 15,880.0
	Project coordination / lineouts Daily mobe/travel/RTK setup/checks Corridor survey for permitting (6.4mi) Underground utility locates / coordination Data reduction Survey drafting / CAD Easements (30) Order / review title reports (30) Parcel plats (30) Legal description (30) Discipline management / QA/QC Hourly Subtotal Cost 95% Design Prepare Survey Control Sheets Discipline management / QA/QC Hourly Subtotal	\$ 9,280 \$ 1	\$ -	\$ 42,570	\$ -	12 60 80 300 468 \$ 60,372	160 \$ 43,680	Subtotal 24 32 88 52 60 80 0 60 300 150 80 926 Hourly Subtotal 48 5 53	\$ 3,384.0 \$ 8,736.0 \$ 24,024.0 \$ 12,468.0 \$ 10,320.0 \$ - \$ 9,900.0 \$ 38,700.0 \$ 24,750.0 \$ 15,880.0 \$ 155,902.0 \$ \$ 892.0
300	Project coordination / lineouts Daily mobe/travel/RTK setup/checks Corridor survey for permitting (6.4mi) Underground utility locates / coordination Data reduction Survey drafting / CAD Easements (30) Order / review title reports (30) Parcel plats (30) Legal description (30) Discipline management / QA/QC Hourly Subtotal Cost 95% Design Prepare Survey Control Sheets Discipline management / QA/QC Hourly Subtotal Cost	\$ 9,280 \$ 1	\$ -	\$ 42,570	\$ -	12 60 80 300 468 \$ 60,372	160 \$ 43,680	Subtotal 24 32 88 52 60 80 0 60 300 150 80 926 Hourly Subtotal 48 5 53	\$ 3,384.0 \$ 8,736.0 \$ 24,024.0 \$ 12,468.0 \$ 7,740.0 \$ 10,320.0 \$ 9,900.0 \$ 38,700.0 \$ 15,880.0 \$ 155,902.0 \$ 155,902.0 \$ 892.0
300	Project coordination / lineouts Daily mobe/travel/RTK setup/checks Corridor survey for permitting (6.4mi) Underground utility locates / coordination Data reduction Survey drafting / CAD Easements (30) Order / review title reports (30) Parcel plats (30) Legal description (30) Discipline management / QA/QC Hourly Subtotal Cost 95% Design Prepare Survey Control Sheets Discipline management / QA/QC Hourly Subtotal Cost Cost Construction Documents	40 \$ 9,280 1 1 \$ 232	\$ -	60 150 40 258 \$ 42,570 8 4 12 \$ 1,980	\$ -	12 60 80 300 468 \$ 60,372 40 40 \$ 5,160	160 \$ 43,680	Subtotal 24 32 88 52 60 80 0 60 300 150 80 926 Hourly Subtotal Hourly Subtotal	\$ 3,384.0 \$ 8,736.0 \$ 24,024.0 \$ 12,468.0 \$ 7,740.0 \$ 10,320.0 \$ 9,900.0 \$ 38,700.0 \$ 24,750.0 \$ 15,880.0 \$ 155,902.0 \$ \$ 892.0
300	Project coordination / lineouts Daily mobe/travel/RTK setup/checks Corridor survey for permitting (6.4mi) Underground utility locates / coordination Data reduction Survey drafting / CAD Easements (30) Order / review title reports (30) Parcel plats (30) Legal description (30) Discipline management / QA/QC Hourly Subtotal Cost 95% Design Prepare Survey Control Sheets Discipline management / QA/QC Hourly Subtotal Cost Construction Documents Finalize control sheets	\$ 9,280 1 \$ 232	0 \$ -	\$ 42,570 8 44 12 \$ 1,980	0 \$ -	12 60 80 300 468 \$ 60,372 40 40 \$ 5,160	160 \$ 43,680	Subtotal 24 32 88 52 60 80 0 60 300 150 80 926 Hourly Subtotal 48 5 53	\$ 3,384.0 \$ 8,736.0 \$ 24,024.0 \$ 12,468.0 \$ 7,740.0 \$ 10,320.0 \$ 9,900.0 \$ 38,700.0 \$ 24,750.0 \$ 15,880.0 \$ 155,902.0 \$ \$ 892.0
30	Project coordination / lineouts Daily mobe/travel/RTK setup/checks Corridor survey for permitting (6.4mi) Underground utility locates / coordination Data reduction Survey drafting / CAD Easements (30) Order / review title reports (30) Parcel plats (30) Legal description (30) Discipline management / QA/QC Hourly Subtotal Cost Prepare Survey Control Sheets Discipline management / QA/QC Hourly Subtotal Cost Construction Documents Finalize control sheets Hourly Subtotal	\$ 9,280 1 1 \$ 232	0 \$ -	8 40 258 \$ 42,570 8 4 12 \$ 1,980	\$ -	12 60 80 300 468 \$ 60,372 40 40 \$ 5,160	\$88 40 160 \$ 43,680	Subtotal 24 32 88 52 60 80 0 60 300 150 80 926 Hourly Subtotal Hourly Subtotal	\$ 3,384.0 \$ 8,736.0 \$ 24,024.0 \$ 12,468.0 \$ 7,740.0 \$ 9,900.0 \$ 38,700.0 \$ 24,750.0 \$ 15,880.0 \$ 155,902.0 \$ \$ 892.0 \$ \$ 9,900.0 \$ 24,750.0 \$ 15,880.0
30	Project coordination / lineouts Daily mobe/travel/RTK setup/checks Corridor survey for permitting (6.4mi) Underground utility locates / coordination Data reduction Survey drafting / CAD Easements (30) Order / review title reports (30) Parcel plats (30) Legal description (30) Discipline management / QA/QC Hourly Subtotal Cost 95% Design Prepare Survey Control Sheets Discipline management / QA/QC Hourly Subtotal Cost Construction Documents Finalize control sheets	\$ 9,280 1 \$ 232	0 \$ -	8 42,570 8 12,570	\$ -	12 60 80 300 468 \$ 60,372 40 40 \$ 5,160	\$88 40 160 \$ 43,680	Subtotal 24 32 88 52 60 80 0 60 300 150 80 926 Hourly Subtotal 48 5 53	\$ 3,384.0 \$ 8,736.0 \$ 24,024.0 \$ 12,468.0 \$ 7,740.0 \$ 10,320.0 \$ 9,900.0 \$ 38,700.0 \$ 24,750.0 \$ 15,880.0 \$ 155,902.0 \$ \$ 892.0
30	Project coordination / lineouts Daily mobe/travel/RTK setup/checks Corridor survey for permitting (6.4mi) Underground utility locates / coordination Data reduction Survey drafting / CAD Easements (30) Order / review title reports (30) Parcel plats (30) Legal description (30) Discipline management / QA/QC Hourly Subtotal Cost Prepare Survey Control Sheets Discipline management / QA/QC Hourly Subtotal Cost Construction Documents Finalize control sheets Hourly Subtotal	\$ 9,280 1 1 \$ 232	0 \$ -	8 40 258 \$ 42,570 8 4 12 \$ 1,980	\$ -	12 60 80 300 468 \$ 60,372 40 40 \$ 5,160	\$88 40 160 \$ 43,680	Subtotal 24 32 88 52 60 80 0 60 300 150 80 926 Hourly Subtotal 48 5 53 Hourly Subtotal 21	\$ 3,384.0 \$ 8,736.0 \$ 24,024.0 \$ 12,468.0 \$ 7,740.0 \$ 9,900.0 \$ 38,700.0 \$ 24,750.0 \$ 15,880.0 \$ 155,902.0 \$ \$ 892.0 \$ \$ 9,900.0 \$ 24,750.0 \$ 15,880.0
30	Project coordination / lineouts Daily mobe/travel/RTK setup/checks Corridor survey for permitting (6.4mi) Underground utility locates / coordination Data reduction Survey drafting / CAD Easements (30) Order / review title reports (30) Parcel plats (30) Legal description (30) Discipline management / QA/QC Hourly Subtotal Cost Prepare Survey Control Sheets Discipline management / QA/QC Hourly Subtotal Cost Construction Documents Finalize control sheets Hourly Subtotal Cost	\$ 9,280 1 1 \$ 232	0 \$ -	8 40 258 \$ 42,570 8 4 12 \$ 1,980	\$ -	12 60 80 300 468 \$ 60,372 40 40 \$ 5,160	\$88 40 160 \$ 43,680	Subtotal 24 32 88 52 60 80 0 60 300 150 80 926 Hourly Subtotal 48 5 53 Hourly Subtotal 21 21	\$ 3,384.0 \$ 8,736.0 \$ 24,024.0 \$ 12,468.0 \$ 10,320.0 \$ 9,900.0 \$ 38,700.0 \$ 15,880.0 \$ 155,902.0 \$ 24,750.0 \$ 892.0 \$ \$ 9,906.0 \$ 2,956.0
30	Project coordination / lineouts Daily mobe/travel/RTK setup/checks Corridor survey for permitting (6.4mi) Underground utility locates / coordination Data reduction Survey drafting / CAD Easements (30) Order / review title reports (30) Parcel plats (30) Legal description (30) Discipline management / QA/QC Hourly Subtotal Cost Prepare Survey Control Sheets Discipline management / QA/QC Hourly Subtotal Cost Construction Documents Finalize control sheets Hourly Subtotal Cost Bid Phase Services	\$ 9,280 1 1 \$ 232 1 1 \$ 232	0 \$ -	\$ 42,570	\$ -	12 60 80 300 468 \$ 60,372 40 40 \$ 5,160	\$88 40 160 \$ 43,680	Subtotal 24 32 88 52 60 80 0 60 300 150 80 926 Hourly Subtotal 48 53 Subtotal 21 21 Hourly Subtotal 21 21 Hourly Subtotal 21 21 Hourly Subtotal 21 21 Hourly Subtotal 21 21 Hourly Subtotal 21 21 Hourly Subtotal 22 23 Hourly Subtotal 24 25 4 4 4 4 4 4 4 4 4	\$ 3,384.0 \$ 8,736.0 \$ 24,024.0 \$ 12,468.0 \$ 10,320.0 \$ 9,900.0 \$ 38,700.0 \$ 15,880.0 \$ 155,902.0 \$ 24,750.0 \$ 155,902.0 \$ 24,750.0 \$ 24,75
300	Project coordination / lineouts Daily mobe/travel/RTK setup/checks Corridor survey for permitting (6.4mi) Underground utility locates / coordination Data reduction Survey drafting / CAD Easements (30) Order / review title reports (30) Parcel plats (30) Legal description (30) Discipline management / QA/QC Hourly Subtotal Cost 95% Design Prepare Survey Control Sheets Discipline management / QA/QC Hourly Subtotal Cost Construction Documents Finalize control sheets Hourly Subtotal Cost Bid Phase Services Coordination / Survey questions	1 1 1 \$ 232	\$ - 0 \$ -	8 42,570 8 40 150 40 258 \$ 42,570 4 4 \$ 1,980	\$ 0 \$ -	12 60 80 300 468 \$ 60,372 40 40 \$ 5,160 16 16 2,064	\$88 40 160 \$ 43,680 \$ -	Subtotal 24 32 88 52 60 60 60 60 150 80 926	\$ 3,384.0 \$ 8,736.0 \$ 24,024.0 \$ 12,468.0 \$ 10,320.0 \$ 9,900.0 \$ 38,700.0 \$ 15,880.0 \$ 155,902.0 \$ 24,750.0 \$ 155,902.0 \$ 24,750.0 \$ 24,75
300	Project coordination / lineouts Daily mobe/travel/RTK setup/checks Corridor survey for permitting (6.4mi) Underground utility locates / coordination Data reduction Survey drafting / CAD Easements (30) Order / review title reports (30) Parcel plats (30) Legal description (30) Discipline management / QA/QC Hourly Subtotal Cost 95% Design Prepare Survey Control Sheets Discipline management / QA/QC Hourly Subtotal Cost Construction Documents Finalize control sheets Hourly Subtotal Cost Bid Phase Services Coordination / Survey questions Hourly Subtotal	1 1 1 \$ 232 1 1 1 1 1	\$ - 0 \$ -	8 42,570 8 42,570 44 44 4 44 \$ 660	\$ - 0 \$ -	12 60 80 300 468 \$ 60,372 40 40 \$ 5,160 16 16 2,064	\$88 40 160 \$ 43,680 \$ -	Subtotal 24 32 88 52 60 80 0 60 300 150 80 926 Hourly Subtotal 48 53 Subtotal 21 21 Hourly Subtotal 21 21 Hourly Subtotal 21 21 Hourly Subtotal 21 21 Hourly Subtotal 21 21 Hourly Subtotal 21 21 Hourly Subtotal 22 23 Hourly Subtotal 24 25 4 4 4 4 4 4 4 4 4	\$ 3,384.0 \$ 8,736.0 \$ 24,024.0 \$ 12,468.0 \$ 10,320.0 \$ 9,900.0 \$ 38,700.0 \$ 24,750.0 \$ 155,902.0 \$ 155,902.0 \$ 892.0 \$ 3892.0 \$ 3,372.0 \$ 3,370.0 \$ 155,902.0 \$ 155,902.0 \$ 3,370.0 \$
300	Project coordination / lineouts Daily mobe/travel/RTK setup/checks Corridor survey for permitting (6.4mi) Underground utility locates / coordination Data reduction Survey drafting / CAD Easements (30) Order / review title reports (30) Parcel plats (30) Legal description (30) Discipline management / QA/QC Hourly Subtotal Cost 95% Design Prepare Survey Control Sheets Discipline management / QA/QC Hourly Subtotal Cost Construction Documents Finalize control sheets Hourly Subtotal Cost Bid Phase Services Coordination / Survey questions	1 1 1 \$ 232	\$ - 0 \$ -	8 42,570 8 40 150 40 258 \$ 42,570 4 4 \$ 1,980	\$ 0 \$ -	12 60 80 300 468 \$ 60,372 40 40 \$ 5,160 16 16 2,064	\$88 40 160 \$ 43,680 \$ -	Subtotal 24 32 88 52 60 60 60 60 150 80 926	\$ 3,384.(\$ 8,736.(\$ 24,024.(\$ 10,320.(\$ 10,320.(\$ 10,320.(\$ 24,750.(\$ 24,750.(\$ 155,902.(\$ 155,902.(\$ 892.(\$ 38,700.(\$ 2,956.(\$ 3,370.(\$ 155,902.(\$ 3,370.(\$ 3,370.(\$ 3,370.(\$ 3,370.(\$ 155,902.(\$ 3,370.(\$ 3,370.(
300	Project coordination / lineouts Daily mobe/travel/RTK setup/checks Corridor survey for permitting (6.4mi) Underground utility locates / coordination Data reduction Survey drafting / CAD Easements (30) Order / review title reports (30) Parcel plats (30) Legal description (30) Discipline management / QA/QC Hourly Subtotal Cost 95% Design Prepare Survey Control Sheets Discipline management / QA/QC Hourly Subtotal Cost Construction Documents Finalize control sheets Hourly Subtotal Cost Bid Phase Services Coordination / Survey questions Hourly Subtotal	1 1 1 \$ 232 1 1 1 1 1	\$ - 0 \$ -	8 42,570 8 42,570 44 44 4 44 \$ 660	\$ - 0 \$ -	12 60 80 300 468 \$ 60,372 40 40 \$ 5,160 16 16 2,064	\$88 40 160 \$ 43,680 \$ -	Subtotal 24 32 88 52 60 80 0 60 300 150 80 926 Hourly Subtotal 21 21 Hourly Subtotal 37 37	\$ 3,384.0 \$ 8,736.0 \$ 24,024.0 \$ 12,468.0 \$ 10,320.0 \$ 9,900.0 \$ 38,700.0 \$ 24,750.0 \$ 155,902.0 \$ 155,902.0 \$ 892.0 \$ 3892.0 \$ 3,372.0 \$ 3,370.0 \$ 155,902.0 \$ 155,902.0 \$ 3,370.0 \$
35	Project coordination / lineouts Daily mobe/travel/RTK setup/checks Corridor survey for permitting (6.4mi) Underground utility locates / coordination Data reduction Survey drafting / CAD Easements (30) Order / review title reports (30) Parcel plats (30) Legal description (30) Discipline management / QA/QC Hourly Subtotal Cost 95% Design Prepare Survey Control Sheets Discipline management / QA/QC Hourly Subtotal Cost Construction Documents Finalize control sheets Hourly Subtotal Cost Bid Phase Services Coordination / Survey questions Hourly Subtotal Cost	1 1 1 \$ 232 1 1 1 1 1	\$ - 0 \$ -	8 42,570 8 42,570 44 44 4 44 \$ 660	\$ - 0 \$ -	12 60 80 300 468 \$ 60,372 40 40 \$ 5,160 16 16 2,064	\$88 40 160 \$ 43,680 \$ -	Subtotal 24 32 88 52 60 60 60 60 150 60 75	\$ 3,384.0 \$ 8,736.0 \$ 24,024.0 \$ 12,468.0 \$ 10,320.0 \$ 9,900.0 \$ 38,700.0 \$ 15,880.0 \$ 155,902.0 \$ 24,750.0 \$ 24,750.0 \$ 25,902.0 \$ 25,902.0 \$ 25,902.0 \$ 2,956.0 \$ 2,956.0 \$ 3,740.0
35	Project coordination / lineouts Daily mobe/travel/RTK setup/checks Corridor survey for permitting (6.4mi) Underground utility locates / coordination Data reduction Survey drafting / CAD Easements (30) Order / review title reports (30) Parcel plats (30) Legal description (30) Discipline management / QA/QC Hourly Subtotal Cost 95% Design Prepare Survey Control Sheets Discipline management / QA/QC Hourly Subtotal Cost Construction Documents Finalize control sheets Hourly Subtotal Cost Bid Phase Services Coordination / Survey questions Hourly Subtotal Cost Construction Administration	1 1 1 \$ 232 1 1 1 1 1	\$ - 0 \$ -	60 150 40 258 \$ 42,570 8 4 12 \$ 1,980 4 4 \$ 660 24 24 24 \$ 3,960	\$ - 0 \$ -	12 60 80 300 468 \$ 60,372 40 40 \$ 5,160 16 16 2,064	88 40 160 \$ 43,680 \$ -	Subtotal 24 32 88 52 60 60 60 150 80 926	\$ 3,384.0 \$ 8,736.0 \$ 24,024.0 \$ 12,468.0 \$ 10,320.0 \$ 9,900.0 \$ 24,750.0 \$ 155,902.0 \$ 155,902.0 \$ 38,700.0 \$ 24,750.0 \$ 24,750.0 \$ 24,750.0 \$ 25,902.0 \$ 38,700.0 \$ 2,956.0 \$ 3,372.0 \$ 3,740.0
35	Project coordination / lineouts Daily mobe/travel/RTK setup/checks Corridor survey for permitting (6.4mi) Underground utility locates / coordination Data reduction Survey drafting / CAD Easements (30) Order / review title reports (30) Parcel plats (30) Legal description (30) Discipline management / QA/QC Hourly Subtotal Cost 95% Design Prepare Survey Control Sheets Discipline management / QA/QC Hourly Subtotal Cost Construction Documents Finalize control sheets Hourly Subtotal Cost Bid Phase Services Coordination / Survey questions Hourly Subtotal Cost Construction Administration Verify / flag primary construction control	1 1 1 \$ 232 1 1 1 1 1	\$ - 0 \$ -	8 42,570 8 42,570 44 44 4 44 \$ 660	\$ - 0 \$ -	12 60 80 300 468 \$ 60,372 40 \$ 5,160 16 16 2,064	\$88 40 160 \$ 43,680 \$ -	Subtotal 24 32 88 52 60 80 0 60 300 150 80 926 Hourly Subtotal 21 21 Hourly Subtotal 37 37 Hourly Subtotal 22 21 26	\$ 3,384.0 \$ 8,736.0 \$ 24,024.0 \$ 12,468.0 \$ 7,740.0 \$ 10,320.0 \$ 9,900.0 \$ 38,700.0 \$ 155,902.0 \$ 155,902.0 \$ 24,750.0 \$ 24,750.0 \$ 25,750.0 \$ 25,740.0 \$ 2,956.0 \$ 2,956.0 \$ 3,740.0 \$ 5,740.0 \$ 5,740.0 \$ 5,740.0 \$ 5,740.0
35	Project coordination / lineouts Daily mobe/travel/RTK setup/checks Corridor survey for permitting (6.4mi) Underground utility locates / coordination Data reduction Survey drafting / CAD Easements (30) Order / review title reports (30) Parcel plats (30) Legal description (30) Discipline management / QA/QC Hourly Subtotal Cost 95% Design Prepare Survey Control Sheets Discipline management / QA/QC Hourly Subtotal Cost Construction Documents Finalize control sheets Hourly Subtotal Cost Bid Phase Services Coordination / Survey questions Hourly Subtotal Cost Construction Administration Verify / flag primary construction control Data reduction	1 1 1 \$ 232 1 1 1 1 1	\$ - 0 \$ -	\$ 42,570 8 42,570 8 42,570 8 42,570 4 4 \$ 1,980 4 4 \$ 660 24 24 \$ 3,960	\$ - 0 \$ -	12 60 80 300 468 \$ 60,372 40 40 \$ 5,160 16 \$ 2,064 12 12 12 12	88 40 160 \$ 43,680 \$ -	Subtotal 24 32 88 52 60 80 0 60 300 150 80 926 Hourly Subtotal 21 Hourly Subtotal 21 Hourly Subtotal 21 Hourly Subtotal 37 37	\$ 3,384.0 \$ 8,736.0 \$ 24,024.0 \$ 12,468.0 \$ 10,320.0 \$ 9,900.0 \$ 38,700.0 \$ 155,902.0 \$ 155,902.0 \$ 24,750.0 \$ 29,56.0 \$ 2,956.0 \$ 2,956.0 \$ 3,740.0 \$ 5,740.0 \$ 5,740.0
35	Project coordination / lineouts Daily mobe/travel/RTK setup/checks Corridor survey for permitting (6.4mi) Underground utility locates / coordination Data reduction Survey drafting / CAD Easements (30) Order / review title reports (30) Parcel plats (30) Legal description (30) Discipline management / QA/QC Hourly Subtotal Cost 95% Design Prepare Survey Control Sheets Discipline management / QA/QC Hourly Subtotal Cost Construction Documents Finalize control sheets Hourly Subtotal Cost Bid Phase Services Coordination / Survey questions Hourly Subtotal Cost Construction Administration Verify / flag primary construction control Data reduction Deliverables	1 1 1 \$ 232 1 1 1 1 1	\$ - 0 \$ - 0 \$ - 0	\$ 42,570 8 42,570 8 42,570 8 42,570 4 40 2 12 \$ 1,980 4 4 \$ 660 2 2 4 2 2 4 \$ 3,960	\$ - 0 \$ -	12 60 80 300 468 \$ 60,372 40 \$ 5,160 16 16 2,064	88 40 160 \$ 43,680 \$ -	Subtotal 24 32 88 52 60 80 0 60 300 150 80 926 53 53 150 150 150	\$ 3,384.0 \$ 8,736.0 \$ 12,468.0 \$ 12,468.0 \$ 10,320.0 \$ 9,900.0 \$ 38,700.0 \$ 15,880.0 \$ 155,902.0 Subtotal Cost \$ 6,480.0 \$ 2,956.0 \$ 2,956.0 \$ 2,956.0 \$ 5,740.0 \$ 5,740.0
35	Project coordination / lineouts Daily mobe/travel/RTK setup/checks Corridor survey for permitting (6.4mi) Underground utility locates / coordination Data reduction Survey drafting / CAD Easements (30) Order / review title reports (30) Parcel plats (30) Legal description (30) Discipline management / QA/QC Hourly Subtotal Cost 95% Design Prepare Survey Control Sheets Discipline management / QA/QC Hourly Subtotal Cost Construction Documents Finalize control sheets Hourly Subtotal Cost Bid Phase Services Coordination / Survey questions Hourly Subtotal Cost Construction Administration Verify / flag primary construction control Data reduction	1 1 1 \$ 232 1 1 1 1 1	\$ - 0 \$ - 0 \$ - 0	\$ 42,570 8 42,570 8 42,570 8 42,570 4 4 \$ 1,980 4 4 \$ 660 24 24 \$ 3,960	\$ - 0 \$ -	12 60 80 300 468 \$ 60,372 40 40 \$ 5,160 16 \$ 2,064 12 12 12 12	88 40 160 \$ 43,680 \$ -	Subtotal 24 32 88 52 60 60 60 60 60 60 60 6	\$ 3,384.0 \$ 8,736.0 \$ 12,468.0 \$ 12,468.0 \$ 10,320.0 \$ 9,900.0 \$ 38,700.0 \$ 15,880.0 \$ 155,902.0 Subtotal Cost \$ 6,480.0 \$ 2,956.0 \$ 2,956.0 \$ 2,956.0 \$ 5,740.0 \$ 5,740.0

Moose Creek-Water Expansion PDC Inc. Engineers

11/21/2018

SURVEYING

						501	CVEITING					
					Principal	Senior	Lead	Project	Staff			
					Professional	Professional	Professional	Professional	Professional	Two Person		
#	ŧ		TASK		Surveyor	Surveyor	Surveyor	Surveyor	Surveyor	Crew		
				Billing Rate (\$/hr)	\$232.00	\$180.00	\$165.00	\$149.00	\$129.00	\$273.00		
		Hourly Subtotal			3	0	47	0	24	24	98	
		Cost			\$ 696	\$ -	\$ 7,755	\$ -	\$ 3,096	\$ 6,552		\$ 18,099.00
		•										
		Discipline Totals			71	0	585	0	956	588	2200	
Г		Design Services	•	•	\$ 16,472	\$ -	\$ 96,525	\$ -	\$ 123,324	\$ 160,524		\$ 396,845

REIMBURSABLE EXPENSES

#

Concept Design				Pr	oject Manager	9	urv	ey	Ge	ote	ch	Total
Item	unit	ur	it cost	#	subtotal	#	SI	ıbtotal	#	su	btotal	
Title Reports	ea	\$	350.00		\$ -	25	\$	8,750		\$	-	\$ 8,750.00
Copies/Prints/Scans (11x17)	ea	\$	0.20		\$ -		\$	-		\$	-	\$ -
Copies/Prints/Scans (Full Size Drawing)		\$	1.00		\$ -		\$	-		\$	-	\$ -
Teleconference Costing	hr/line	\$	3.00		\$ -		\$	-		\$	-	\$ -
Airfare	ea	\$	490.00		\$ -		\$	-	1	\$	490	\$ 490.00
Rental Car	day	\$	105.00		\$ -		\$	-	1	\$	105	\$ 105.00
Survey GPS Use		\$	309.00		\$ -	13	\$	4,017		\$	-	\$ 4,017.00
Shipping	ea	\$	200.00		\$ -		\$	-		\$	-	\$ -
PID Rental	day	\$	95.00		\$ -		\$	-	10	\$	950	\$ 950.00
Hotel	day	\$	115.00		\$ -		\$	-		\$	-	\$ -
Per Diem		\$	65.00		\$ -		\$	-	1	\$	65.00	\$ 65.00
Subtotal					\$ -		\$	12,767		\$	1,610	\$ 14,377

22 3	35% Design				Pro	oject Manage	r	S	urve	ey	Ge	ote	ch	Total
I	Item		un	it cost	#	subtotal		#	su	btotal	#	sı	ıbtotal	
Т	Title Reports	ea	\$	350.00		\$	-		\$	-		\$	-	\$ -
C	Copies/Prints/Scans (11x17)	ea	\$	0.20		\$	-		\$	-		\$	-	\$ -
C	Copies/Prints/Scans (Full Size Drawing)	\$ -	\$	1.00		\$	-		\$	-		\$	-	\$ -
Т	Teleconference Costing		\$	3.00		\$	-		\$	-		\$	-	\$ -
A	Airfare	ea	\$	490.00		\$	-		\$	-	1	\$	490	\$ 490.00
F	Rental Car	day	\$	105.00		\$	-		\$	-	10	\$	1,050	\$ 1,050.00
S	Survey GPS Use	\$ -	\$	309.00		\$	-	23	\$	7,107		\$	-	\$ 7,107.00
S	Shipping		\$	200.00		\$	-		\$	-	1	\$	200	\$ 200.00
P	PID Rental	day	\$	95.00		\$	-		\$	-		\$	-	\$ -
	Hotel	day	\$	115.00		\$	-		\$	-	10	\$	1,150.00	\$ 1,150.00
P	Per Diem	\$ -	\$	65.00		\$	-		\$	-	10	\$	650	\$ 650.00
	Subtotal					\$	-		\$	7,107		\$	3,540	\$ 10,647

65% Design				Pro	oject Manager	S	urv	ey	Ge	otech		Total
Item	unit	un	it cost	#	subtotal	#	su	btotal	#	subto	otal	
Title Reports	ea	\$	350.00		\$ -	30	\$	10,500		\$	-	\$ 10,500.00
Copies/Prints/Scans (11x17)	ea	\$	0.20		\$ -		\$	-		\$	-	\$ -
Copies/Prints/Scans (Full Size Drawing)	\$ -	\$	1.00		\$ -		\$	-		\$	-	\$ -
Teleconference Costing	hr/line	\$	3.00		\$ -		\$	-		\$	-	\$ -
Airfare	ea	\$	490.00		\$ -		\$	-		\$	-	\$ -
Rental Car	day	\$	105.00		\$ -		\$	-		\$	-	\$ -
Survey GPS Use	\$ -	\$	309.00		\$ -	14	\$	4,326		\$	-	\$ 4,326.00
Shipping	ea	\$	200.00		\$ -		\$	-		\$	-	\$ -
PID Rental	day	\$	95.00		\$ -		\$	-		\$	-	\$ -
Hotel	day	\$	115.00		\$ -		\$	-		\$	-	\$ -
Per Diem	\$ -	\$	65.00		\$ -		\$	-		\$	-	\$ -
Subtotal					\$ -		\$	14,826		\$	-	\$ 14,826

30	95% Design				Pro	oject Manager	S	urvey	Ge	eotech		Total
	Item	unit	un	it cost	#	subtotal	#	subtotal	#	subtot	al	
F	Title Reports	ea	\$	350.00		\$ -		\$ -		\$	-	\$ -
	Copies/Prints/Scans (11x17)	ea	\$	0.20		\$ -		\$ -		\$	-	\$ -
	Copies/Prints/Scans (Full Size Drawing)	\$ -	\$	1.00		\$ -		\$ -		\$	-	\$ -
- 1	Teleconference Costing	hr/line	\$	3.00		\$ -		\$ -		\$	-	\$ -
	Airfare	ea	\$	490.00		\$ -		\$ -		\$	-	\$ -
	Rental Car	day	\$	105.00		\$ -		\$ -		\$	-	\$ -
	Survey GPS Use	\$ -	\$	309.00		\$ -		\$ -		\$	-	\$ -
	Shipping	ea	\$	200.00		\$ -		\$ -		\$ -		\$ -
	PID Rental	day	\$	95.00		\$ -		\$ -		\$	-	\$ -
	Hotel	day	\$	115.00		\$ -		\$ -		\$	-	\$ -
	Permits	total	\$5	0,000.00	1	\$ 50,000		\$ -		\$	-	\$ 50,000.00
	Subtotal					\$ 50,000		\$ -		\$	-	\$ 50,000

35	Construction Documents				Pro	oject Manager	S	urvey	G	eotech		7	Гotal
	Item	unit	un	it cost	#	subtotal	#	subtotal	#	subto	tal		
	Title Reports	ea	\$	350.00		\$ -		\$ -		\$	-	\$	-
	Copies/Prints/Scans (11x17)	ea	\$	0.20		\$ -		\$ -		\$	-	\$	-

Moose Creek- Water Expansion PDC Inc. Engineers

11/21/2018

REIMBURSABLE EXPENSES

Copies/Prints/Scans (Full Size Drawing)	\$ -	\$	1.00		\$	-		\$	-		\$	-	\$ -
Teleconference Costing	hr/line	\$	3.00		\$	-		\$	-		\$	-	\$ -
Airfare	ea	\$	490.00		\$	-		\$	-		\$	-	\$ -
Rental Car	day	\$	105.00		\$	-		\$	-		\$	-	\$ -
Survey GPS Use	\$ -	\$	309.00		\$	-		\$	-		\$	-	\$ -
Shipping	ea	\$	200.00		\$	-		\$	-		\$	-	\$ -
PID Rental	day	\$	95.00		\$	-		\$	-		\$	-	\$ -
Hotel	day	\$	115.00		\$	-		\$	-		\$	-	\$ -
Per Diem	\$ -	\$	65.00		\$	-		\$	-		\$	-	\$ -
Subtotal					\$	-		\$	-		\$	-	\$ -

37 Bid Phase Services					Pro	oject Manager	S	urvey	Ge	otech	Total
]	tem	unit	un	it cost	#	subtotal	#	subtotal	#	subtotal	
T	Title Reports	ea	\$	350.00		\$ -		\$ -		\$ -	\$ -
(Copies/Prints/Scans (11x17)	ea	\$	0.20		\$ -		\$ -		\$ -	\$ -
(Copies/Prints/Scans (Full Size Drawing)	\$ -	\$	1.00		\$ -		\$ -		\$ -	\$ -
Т	eleconference Costing	hr/line	\$	3.00		\$ -		\$ -		\$ -	\$ -
A	sirfare	ea	\$	490.00		\$ -		\$ -		\$ -	\$ -
	Rental Car	day	\$	105.00		\$ -		\$ -		\$ -	\$ -
S	urvey GPS Use	\$ -	\$	309.00		\$ -		\$ -		\$ -	\$ -
S	hipping	ea	\$	200.00		\$ -		\$ -		\$ -	\$ -
F	ID Rental	day	\$	95.00		\$ -		\$ -		\$ -	\$ -
F	lotel	day	\$	115.00		\$ -		\$ -		\$ -	\$ -
F	Per Diem	\$ -	\$	65.00		\$ -		\$ -		\$ -	\$ -
	Subtotal					\$ -		\$ -		\$ -	\$ -

Construction Administration				Pro	oject Manager	S	urvey		Ge	ote	ch	Total
Item	unit	un	it cost	#	subtotal	#	subtot	al	#	Sl	ıbtotal	
Title Reports	ea	\$	350.00		\$ -		\$	-		\$	-	\$ -
Copies/Prints/Scans (11x17)	ea	\$	0.20		\$ -		\$	-		\$	-	\$ -
Copies/Prints/Scans (Full Size Drawing)	\$ -	\$	1.00		\$ -		\$	-		\$	-	\$ -
Teleconference Costing	hr/line	\$	3.00		\$ -		\$	-		\$	-	\$ -
Airfare	ea	\$	490.00		\$ -		\$ -		4	\$	1,960.00	\$ 1,960.00
Rental Car	month	\$	650.00	24	\$ 15,600		\$	-	4	\$	2,600	\$ 18,200.00
Survey GPS Use	\$ -	\$	309.00		\$ -	3	\$ 9	27		\$	-	\$ 927.00
Shipping	ea	\$	200.00		\$ -		\$	-		\$	-	\$ -
PID Rental	day	\$	95.00		\$ -		\$	-		\$	-	\$ -
Hotel	day	\$	115.00		\$ -		\$	-	4	\$	460	\$ 460.00
Per Diem	\$ -	\$	65.00		\$ -		\$	-	4	\$	260	\$ 260.00
Subtotal					\$ 15,600		\$ 9	27		\$	5,280	\$ 21,807

Sponsored by: Mayor Michael W. Welch Intorduced: December 3, 2018

CITY OF NORTH POLE 1 **ORDINANCE 18-32** 2 3 AN ORDINANCE OF THE CITY OF NORTH POLE, ALASKA 4 5 TO AMEND THE 2018 BUILDING, PUBLIC WORKS, UTILITY, ADMINISTRATION, AND FIRE DEPARTMENTS 6 7 **BUDGET** 8 9 WHEREAS, changes to the public services practices and policies is a continually changing 10 requirement; and, 11 12 WHEREAS, the City of North Pole budget should be amended to conform to the requirements 13 of the City; and, 14 15 WHEREAS, adjustment in the budget are necessary to remain compliant with council approved authorizations and budget management rules, and 16 17 18 WHEREAS, fiscal notes are the method prescribed by the code to amend a budget; and, 19 20 WHEREAS, fiscal notes have been reviewed by the Accountant and Mayor for accuracy and 21 will be recorded as amendments to the budget upon approval, 22 23 **NOW, THEREFORE, BE IT ORDAINED** by the Council of the City of North Pole that it 24 approves changes as listed in the fiscal note to be attached to this ordinance for the purpose 25 managing the City budget. 26 27 **Section 1**. This ordinance is of a general nature and shall not be codified. 28 29 Section. Effective date. 30 This ordinance shall become effective immediately upon passage. 31 PASSED AND APPROVED by a duly constituted quorum of the North Pole City Council this 32 33 ____day of _____, 2018. 34 35 36 37 Michael W. Welch, Mayor 38 ATTEST: 39 40 41 42 Judy L. Binkley, North Pole City Clerk 43 44 PASSED/FAILED Yes: No: Absent:



Fiscal Note Year: 2018

Accompanying Ordinance/Resolution:	18-32
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Originator/sponsor: William Butler

Date: November 27, 2018

Does the Ordinance or Resolution have a fiscal impact? XES NO

FUND	Account Description	Account #	Debit	Credit
41	41-10-2-225	Legal Fees	4,500	
41	41-10-3-300	Bad Debt		4,500
42	42-12-3-320	Phone/Data		5,000
41	41-10-3-320	Phone/Data	5,000	
41	41-10-2-235	Professional Services		14,000
41	41-10-9-900	Deferred Maintenance	14,000	

Summary: (Brief description of proposed alterations as defined by accompanying ordinance or resolution. Where did the money come from and how will it be used).

Reallocation of funds to address high than anticipated costs in 2018.

Prepared by:	William Butler	Date:	11/27/18
Signature	William Buth		
	oval: Tricia Fogarty	Date:	11/28/18
Signature	Lucia Figurty		



Fiscal Note Year: 2018

Accompanying Ordinance/Resolution:	18-32
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Originator/sponsor: William Butler

Date: November 27, 2018

Does the Ordinance or Resolution have a fiscal impact? XES NO

FUND	Account Description	Account #	Debit	Credit
41	41-10-2-235	Professional Services		16,000
42	42-12-2-235	Professional Services	16,000	
42	42-12-2-225	Legal Fees	2,000	
42	42-12-3-300	Bad Debt		2,000

Summary: (Brief description of proposed alterations as defined by accompanying ordinance or resolution. Where did the money come from and how will it be used).

Reallocation of funds to address high than anticipated costs in 2018.

Prepared by:	William Butler	Date:	11/27/18
Signature	William Buth		
	oval: Tricia Fogarty	Date:	11/28/18
Signature	usin fighty		



Fiscal Note Year: 2018

Accompanying Ordinar	nce/Resolution: 18-32
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Originator/sponsor: William Butler

Date: November 27, 2018

Does the Ordinance or Resolution have a fiscal impact? XES NO

FUND	Account Description	Account #	Debit	Credit
01	Street Maintenance	01-58-7-710		24,000
01	Snow Removal	01-58-2-240	24,000	
01	Building Maintenance	01-58-7-700		4,000
01	Equipment Repair & Maintenance	01-58-6-600	4,000	
01	Building Maintenance	01-58-7-700		3,000
01	Vehicle Gas & Oil	01-58-6-605	3,000	

Summary: (Brief description of proposed alterations as defined by accompanying ordinance or resolution. Where did the money come from and how will it be used).

Inter-category transfer of funds to address higher than expected costs in 2018.

Prepared by:	William Butler	Date:	11/27/18
Signature	William Butles		
Financial appr	roval: Tricia Fogarty	Date:	11/28/18
Signature	Trieve Jugarty		



18-32

Fiscal Note Year: 2018

Accome	anving	Ordinance/Resolution:
	74117	Oranianoo, reobolation.

Originator/sponsor: William Butler

Date: November 27, 2018

Does the Ordinance or Resolution have a fiscal impact? XES NO

FUND	Account Description	Account #	Debit	Credit
04	Fund Balance	04-00-2-900		14,000
04	Commercial Plan Review	04-10-9-900	14,000	
04	Fund Balance	04-00-2-900		6,000
04	Residential Plan Review	04-10-9-903	6,000	
04	Fund Balance	04-00-2-900		2,000
04	Residential Inspections	04-10-9-904	2,000	
04	Fund Balance	04-00-2-900		6,250
04	Industrial Inspections	04-10-9-905	6,250	

Summary: (Brief description of proposed alterations as defined by accompanying ordinance or resolution. Where did the money come from and how will it be used).

Reallocation of funds from the Building Department Fund Balance to address high than anticipated plan review and inspection costs caused by higher than expected construction in the City in 2018.

Prepared by:	William Butler	Date:	11/27/18
Signature	Willeam Butter	=======================================	
Financial appr	oval: Tricia Fogarty	Date:	11/28/18
Signature	Tricie Ferenty		



Fiscal Note Year: 2018

Accompanying Ordinance/Resolution: 18-3.	Accompanying	Ordinance/Resolution:	18-32
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Originator/sponsor: Tricia Fogarty

Date: November 27, 2018

Does the Ordinance or Resolution have a fiscal impact? XES NO

FUND	Account Description	Account #	Debit	Credit
01	01-00-3-300	Alcohol Tax	30,000.00	
01	01-00-5-510	Fingerprinting	4,000.00	
01	01-00-5-500	Ambulance Fee CY		34,000.00
01	01-51-3-305	Electric	2,000.00	
01	01-51-3-310	Heating Oil	2,000.00	
01	01-51-9-920	Misc. Expenses	2,500.00	
01	01-51-2-205			6,500.00

Summary: (Brief description of proposed alterations as defined by accompanying ordinance or resolution. Where did the money come from and how will it be used).

Reallocation of funds to address higher than anticipated costs in 2018.

Prepared by:	Tricia Fogarty	Date:	11/28/18
Signature	Juicio Lynty		
Financial appro	oval: Tricia Fogarty	Date:	11/28/18
Signature	Lucia Frety		



Fiscal Note Year: 2018

Accompanying	Ordinance/Resolution:	18
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18-32

Originator/sponsor: Chief Coon

Date: November 27, 2018

Does the Ordinance or Resolution have a fiscal impact? XES NO

FUND	Account Description	Account #	Debit	Credit
01	01-54-5-920	Misc. Expenses	400.00	
01	01-54-2-210	Credit Card Fee		400.00
01	01-54-7-700	Building Maintenance	3,500.00	
01	01-54-1-001	Wages Full Time		3,500.00
01	01-54-6-600	Vehicle Gas & Oil	3,200.00	
01	01-54-1-001	Wages Full Time		3,200.00

Summary: (Brief description of proposed alterations as defined by accompanying ordinance or resolution. Where did the money come from and how will it be used).

Reallocation of funds to address higher than anticipated costs in 2018.

Prepared by:	Tricia Fogarty	Date:	11/28/18
Signature	Tricia Lynty		
Financial appro	oval: Tricia Fogarty	Date:	11/28/18
Signature	Lucia Jugaty		

Memo

To: Tricia

From: Geoff Coon
Date: 11/28/2018

Re: Fiscal note



Transfer into:		From:	
01-54-5-920 Miscellaneous Expense	\$400.00	01-54-2-210 Credit Card Fees	
Retirement plaque and normal expens	ses		
01-54-7-700 Building Maintenance	\$3500.00	01-54-1-001 Wages	
Service Furnaces & additional light ur repair live-in shower	pgrades,		
01-54-6-600 Vehicle Gas and Oil	\$3200.00	01-54-1-001 Wages	
Cost of fuel and extensive drivers train	ning	0	
01-54-2-235 Professional Services	\$350.00	01-54-2-205 Audit and Finance	
Dumpster service was not budgeted for	or		
- d			

Budget transfer

Transfer into: From:

, 110110101	110111	
01-00-5-500 Ambulance Fee CY	Increase from \$90,000.00 to \$124,000.00	
Ambulance calls inside the city up.		