INCINERATOR EVALUATION AND REPLACEMENT ANALYSIS

SOLID WASTE TRANSFER CONCEPT

November 2020



Prepared for:

Municipality of Skagway P.O. Box 415 502 Main St. Skagway, AK 99840

Prepared by: 1028 Aurora Drive

Fairbanks, Alaska 99709 AECC163270

19322JN



TABLE OF CONTENTS

Introduction	1
Skagway Solid Waste Stream	1
Transfer Site	2
Disposal Options	2
Option 1 – New Incinerator	2
Option 2 – Smaller Incinerator	3
Option 3 – No Incinerator	4
Ashfill Capacity and Ash Disposal	5
Environmental Considerations	6
Cost Considerations	7
Waste Disposal Cost Comparison	7

TABLES

APPENDICES

- Appendix A Base Sketch
- Appendix B Disposal Process Flow Diagrams (3)

Appendix C – Ashfill Figure

- Appendix D Transfer Site Cost Estimate
- Appendix E Waste Disposal Cost Comparison

INTRODUCTION

The Municipality of Skagway (MOS) currently utilizes an incinerator as part of its solid waste management program. The incinerator site serves as the collection point for waste for the community. Both the incinerator and the associated ashfill are nearing the end of their functional utility. The ashfill is approaching capacity, and viable options for expansion are not available at the current site. The Municipality is interested in taking a holistic look at its solid waste program to identify options for developing a solid waste transfer station and potentially develop a waste stream approach that maximizes use of existing and available infrastructure while providing a more sustainable solid waste program for the Municipality.

The MOS has recently acquired 15 acres of land near the Klondike Hwy./Dyea Rd. intersection. Part of this land has been earmarked for a centrally located transfer site. A composting facility has recently been built near the proposed location of the transfer site. The transfer site would serve as the collection point for all solid waste within the municipality. It would allow for waste drop-off by MOS residents as well as municipal garbage trucks that collect waste throughout the community.

In combination, the desire for a solid waste transfer site and composting facility and the need to address an aging incinerator and an ashfill nearing capacity provide incentives and opportunities for exploring new and more efficient waste disposal options.

SKAGWAY SOLID WASTE STREAM

The solid waste stream in Skagway is made up of recyclable material, compostable material, and some construction and demolition (C&D) waste. In 2012, SCS Engineers completed a Solid Waste and Recycling Management Plan for the MOS. The breakdown of the waste composition presented in that study was projected to the design year for this project, 2040. The population was projected using 2019 data collected as part of an evaluation for the MOS wastewater treatment plant. Additional seasonal output was added to account for tourist activities and increased C&D waste production during the summer months. A summary of the projected 2040 waste stream composition is presented below.

Material	Tons/Week	Tons/Year
Paper	8.68	451
Plastic	6.09	317
Metal	1.71	89
Organics	11.49	597
Glass	1.79	93
Yard Waste	0.45	24
Electronics	0.08	4
Paint	0.03	1.3
Other MSW	8.19	426
C&D Waste	3.00	156
Household Hazardous Waste	0.96	50
Medical Waste	0.16	8.5
Wastewater Sludge	3.50	181
Total	46.79	2432.8

Table 1: 2040	Annual MOS	Waste Totals
---------------	-------------------	--------------

TRANSFER SITE

The proposed transfer site will be located adjacent to the newly constructed composting facility. Most of the waste storage will be housed inside a large prefabricated metal building. The building will have drop-off access for both the general public and MOS staff. Members of the public will be encouraged to park outside the building, transport their waste into the building using a rolling hand cart, and then weigh their waste on one of several floor scales. Waste will then be sorted into six- or eight-yard dumpsters by category or placed directly in the compactor hopper and processed accordingly. Recyclable items will be separated out for processing. Large bay doors may also allow public access for larger items that can be placed directly into dumpsters. Bay doors also allow MOS staff to dump the contents of collection trucks on the facility floor for sorting. This waste can then be loaded directly into the compactor via skid-steer or forklift.

Residents will be charged per pound for waste that can be weighed on the floor scales. Waste that gets placed directly into dumpsters will be paid for based on an estimated volume determined by transfer site staff. In order to promote and encourage recycling, the MOS will not charge for disposal of glass, paper, plastic, metal, and electronics.

Yard waste and organic waste will be taken directly to the composting facility for drop-off. Household hazardous waste, electronics, and glass will get placed into appropriate containers and then packaged for shipment by MOS staff.

A 6-foot grade-separated area with a 4-foot tipping wall separating the high side from the low side will be located in one portion of the building. The lower area will house a general-use compacting unit, a recycling baler, and a scrap metal compactor. The compactors will be fitted with receiving hoppers to allow for loading from the high side of the tipping wall. The baler will be used for recyclable paper and plastics. Multiple large roll-off dumpsters will also be placed at the lower elevation to allow for direct dumping of large waste items. A sloped ramp will allow for truck access to the lower area for compactor maintenance and for roll-off dumpster removal.

A preliminary site plan of the Transfer Site is attached in Appendix A.

DISPOSAL OPTIONS

Once the waste is sorted and stored at the transfer site facility, it must then be disposed of. Below are several options for permanent disposal.

Option 1 – New Incinerator

Under this option the current incinerator will be replaced with a new incinerator that has roughly the same burn capacity as the current one. This new incinerator will deal with the medical waste, the general municipal solid waste, the C&D waste that can be burned, and the wastewater sludge. Because the wastewater sludge must be mixed with other solid waste at an 80/20 ratio in order to achieve an efficient burn, all incoming the paper waste will also be incinerated.

The wastewater sludge must be dewatered to a minimum of 25-30% solid content before incineration. Sharps from the medical waste must be separated out and processed with the other metals.

Option 1: New Incinerator					
Material	Disposal Method				
Paper	Will get sent to the new incinerator				
Plastic	Will get sent to the new incinerator				
Metal	Will get compacted/packaged up at the new transfer site and shipped out of Skagway				
Organics	All organics will be directed to Skagway's local composting facility				
Glass	Will get compacted/packaged up at the new transfer site and shipped out of Skagway				
Yard Waste	All yard waste will be directed to Skagway's local composting facility				
Electronics	Will get packaged up at the new transfer site and shipped out of Skagway				
Paint	Will get packaged up at the new transfer site and shipped out of Skagway				
Other MSW	Will get sent to the new incinerator				
C&D Waste	Will get sent to the new incinerator				
Household Hazardous Waste	Will get packaged up at the new transfer site and shipped out of Skagway				
Medical Waste	Will get sent to the new incinerator				
Wastewater Sludge	Will get sent to the new incinerator				

A Process Flow Diagram for this disposal option is attached in Appendix B.

Option 2 – Smaller Incinerator

Under this option the current incinerator will be replaced with a smaller incinerator that has roughly half the burn capacity of the current one. This smaller incinerator will deal with the medical waste, the general municipal solid waste, the C&D waste that can be burned, and the wastewater sludge. Because the wastewater sludge must be mixed with other solid waste at an 80/20 ratio in order to achieve an efficient burn, roughly 50% of the paper waste will also be incinerated.

The wastewater sludge must be dewatered to a minimum of 25-30% solid content prior to incineration. Sharps from the medical waste must be separated out and processed with the other metals.

Option 2: Smaller Incinerator				
Material	Disposal Method			
Paper	50% Will get compacted/packaged up at the new transfer site and shipped out of Skagway. The other 50% will be burned in the new smaller incinerator.			
Plastic	Will get compacted/packaged up at the new transfer site and shipped out of Skagway			
Metal	Will get compacted/packaged up at the new transfer site and shipped out of Skagway			
Organics	All organics will be directed to Skagway's local composting facility			
Glass	Will get compacted/packaged up at the new transfer site and shipped out of Skagway			
Yard Waste	All yard waste will be directed to Skagway's local composting facility			
Electronics	Will get packaged up at the new transfer site and shipped out of Skagway			
Paint	Will get packaged up at the new transfer site and shipped out of Skagway			

Option 2: Smaller Incinerator							
Material Disposal Method							
Other MSW	Will get sent to the smaller incinerator						
C&D Waste	Will get sent to the smaller incinerator						
Household Hazardous Waste	Will get packaged up at the new transfer site and shipped out of Skagway						
Medical Waste	Will get incinerated in new smaller incinerator						
Wastewater Sludge	Will get incinerated in new smaller incinerator						

A Process Flow Diagram for this disposal option is attached in Appendix B.

Option 3 – No Incinerator

Under this option the existing incinerator will be abandoned, and no incinerator option will be implemented. All waste will either go to the composting facility or be shipped out of Skagway.

Option 3: No Incinerator					
Material	Disposal Method				
Paper	Will get compacted/packaged up at the new transfer site and shipped out of Skagway				
Plastic	Will get compacted/packaged up at the new transfer site and shipped out of Skagway				
Metal	Will get compacted/packaged up at the new transfer site and shipped out of Skagway				
Organics	All organics will be directed to Skagway's local composting facility				
Glass	Will get compacted/packaged up at the new transfer site and shipped out of Skagway				
Yard Waste	All yard waste will be directed to Skagway's local composting facility				
Electronics	Will get packaged up at the new transfer site and shipped out of Skagway				
Paint	Will get packaged up at the new transfer site and shipped out of Skagway				
Other MSW	Will get packaged up at the new transfer site and shipped out of Skagway				
C&D Waste	Will get packaged up at the new transfer site and shipped out of Skagway				
Household Hazardous Waste	Will get packaged up at the new transfer site and shipped out of Skagway				
Medical Waste	Will get packaged up at the new transfer site and shipped out of Skagway				
Wastewater Sludge	Will get packaged up at the new transfer site and shipped out of Skagway				

A Process Flow Diagram for this disposal option is attached in Appendix B.

ASHFILL CAPACITY AND ASH DISPOSAL

As part of the incinerator evaluation, PDC assessed the current ashfill site to determine its viability for future dumping if the current incinerator is to either remain as-is, be replaced with a new, similarly sized incinerator, or be replaced with a smaller incinerator.

The goal of this assessment was to find out how much of the ashfill's volume capacity has already been used up and how much remains for development and usage. Based on estimated ash output, the number of remaining years of use was estimated.

An ashfill permit renewal was prepared by Carson Dorn, Inc. in 2009. The two-phase ashfill expansion outlined in that document was based on a 2009 topographic survey done by R&M Engineering Inc. This 2009 survey was compared with the most recent topographic surface data obtained as part of this project and resulting volumes were determined.

The horizontal extents of Phase I and Phase II were based on those shown in the ashfill expansion PDF. See Appendix C for a combined figure showing the latest drone aerial imagery along with the ashfill expansion PDF.

The maximum capacity of Phase I and Phase II was based on the volumes shown in the 2009 permit renewal document. The annual rate of ash production for the existing incinerator is assumed to be the rate shown in the 2009 permit renewal document.: 400 CY/YR. However, the annual rate of ash production for a new similarly sized incinerator is 270 CY/YR. The annual rate of ash production for a new smaller incinerator is 165 CY/YR. The annual ash production rates for the new incinerators are based on the expected waste volumes to be burned and an expected ash yield of no more than 10% of the incoming waste by weight. The sizable difference in expected ash volumes between the existing and proposed systems is most likely due to the new incinerator ash not containing non-combustible debris such as glass or metals.

Below is a summary for each incinerator option:

Existing Incinerator:

Phase I Area: Total Capacity = 4,074 CY Current Filled Capacity = 2,650 CY Remaining Capacity = 1,424 CY Remaining Years = **3.56 years** Phase II Area: Total Capacity = 2,370 CY Current Filled Capacity = 0 CY Remaining Capacity = 2,370 CY Remaining Years = **5.93 years** Total Remaining Years: **9.5 years**

<u>New Similarly</u> Sized Incinerator:

Phase I Area: Total Capacity = 4,074 CY Current Filled Capacity = 2,650 CY Remaining Capacity = 1,424 CY Remaining Years = **5.27 years** Phase II Area: Total Capacity = 2,370 CY Current Filled Capacity = 0 CY Remaining Capacity = 2,370 CY Remaining Years = **8.78 years** Total Remaining Years: 14.0 years

<u>New Smaller</u> Incinerator:

Phase I Area:

Total Capacity = 4,074 CY Current Filled Capacity = 2,650 CY Remaining Capacity = 1,424 CY Remaining Years = **8.63 years Phase II Area:** Total Capacity = 2,370 CY Current Filled Capacity = 0 CY Remaining Capacity = 2,370 CY Remaining Years = **14.36 years Total Remaining Years: 23.0 years**

In addition to the existing ashfill, alternate ash disposal methods were investigated. At this time the only other viable long-term disposal option is to ship the ash out of Skagway to another community where it can be used as inert filler material in a landfill.

It may be possible to use some ash as fill material in local road or site/parking lot construction; however, given the inconsistent frequency of large construction projects in Skagway, this is not a long-term solution.

ENVIRONMENTAL CONSIDERATIONS

Communication with ADEC's Solid Waste Program determined that replacement or upgrade of the existing incinerator will not affect the existing ADEC Class III landfill permit. This permit is for the ash disposal site. Specifically, this permit allows disposal of "thermally-oxidized ash" and "non-combustible residue of thermal oxidation." If changes to the incineration process also changes the end-product, then the permit would require modification.

A review of ADEC's approved onsite wastewater systems and current permitted discharges confirmed that this facility is not currently permitted. Per 18 AAC 72.990(23) *Definitions,* domestic wastewater includes graywater from dwellings or commercial buildings. Since this facility is in operation for more than 90 days of the year, ADEC's *Graywater Treatment and Disposal Systems for*

Skagway Incinerator Evaluation & Replacement Analysis Solid Waste Transfer Concept

Temporary & Remote Camps guidance document would not apply. Discharging graywater or process water to the ground surface will require ADEC's review and approval of an engineered plan.

This facility is currently exempt from an EPA's Title V permit, due to its Class III landfill status. Under 40 CFR 60.2887(g), "use of incinerators and air curtain incinerators in isolated areas of Alaska" are exempt if it is used at a solid waste disposal site, classified as Class II or Class III municipal solid waste landfill. This facility would need an ADEC air quality permit if an incinerator with a rated capacity of 1,000 pounds or more per hour is installed, according to 18 AAC 502(b)(4), or if emissions exceed the thresholds listed in 18 AAC 50.502(c)(4).

COST CONSIDERATIONS

The total cost of each option will play a significant role in determining which option is best for the Municipality. It is important to understand that the capital cost to construct and the operating cost to dispose of each waste stream factor into the total cost of an option. It is also worth noting that some operating costs for each option can be recouped through tipping fees to the public at the transfer facility. Those fees have not been included in this analysis, but the facility is intended to be capable of generating fee income based on waste material and quantity.

Capital construction cost estimates for each option will be provided with the 35% submittal package. The cost for incinerator equipment and work will be different for each option, but the transfer site facility is common to all options. The design team generated a rough order-of-magnitude cost for the transfer site facility based on size and similar construction—that estimate came in at roughly \$5,000,000. This estimate will be refined in the 35% submittal but is included here (as Appendix D) to provide an awareness of what the transfer facility could cost as described in this submittal.

Waste Disposal Cost Comparison

Waste disposal cost comparisons are shown in Appendix E and are separated into main waste stream categories. Disposal by incineration or shipping correspond to the disposal options outlined above. To simplify comparison between options the anticipated waste volume in 2040 was used for all categories. There are a number of assumptions that are required to estimate disposal costs, but wherever possible the same assumptions are applied to each option (waste volume, shipping costs, incinerator fuel price, etc.). This provides a way to compare the options, but it should be understood that the actual costs to dispose of waste will likely be different than what is shown in this report.

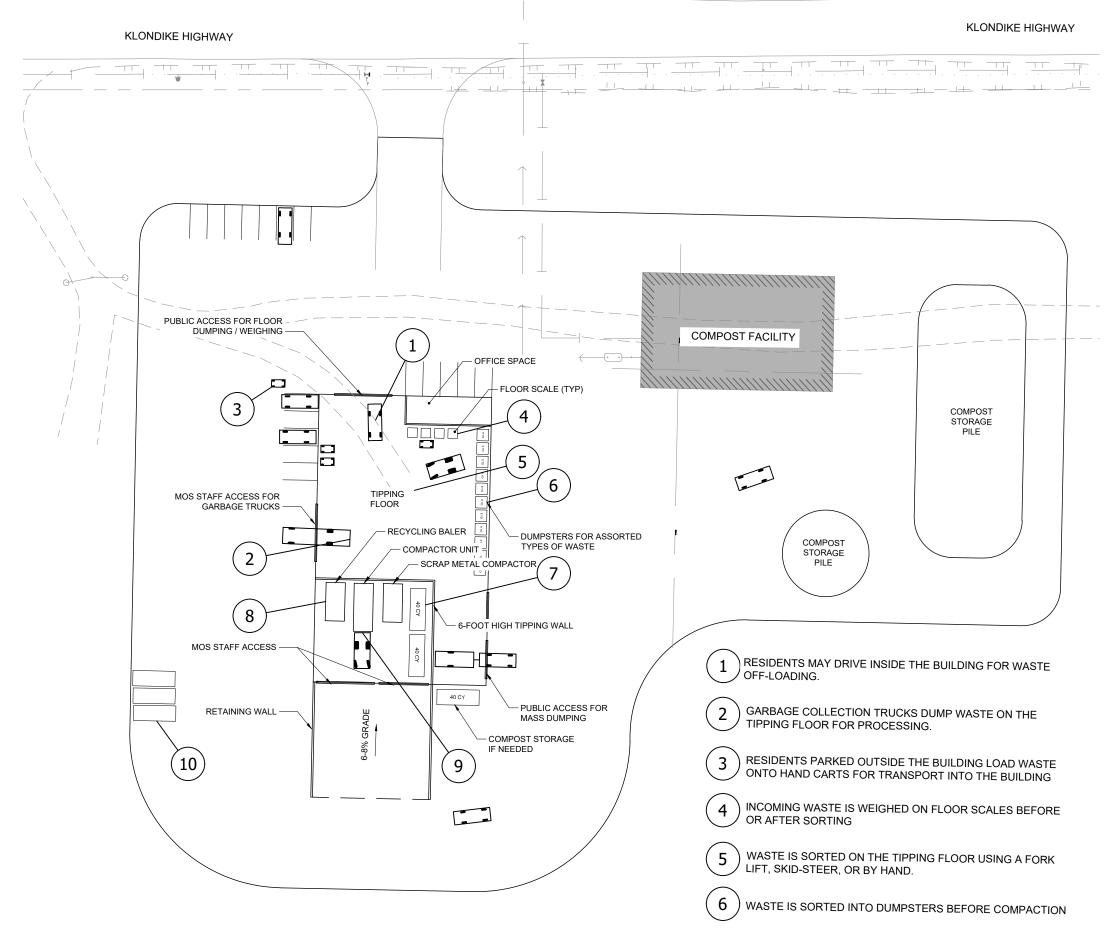
Recycling commodity values are rough estimates based on current market conditions. The design team is working to obtain more accurate price estimates for each material to refine the comparison, but the rough estimates are provided to indicate that recycling may have a net-positive income rather than just offsetting the cost to incinerate. The profit shown includes the value of the material and the cost to ship it to a recycling center.

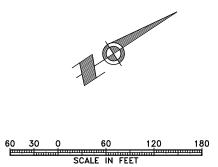
APPENDIX A

BASE SKETCH

15% TRANSFER SITE BASE SKETCH

<u> </u>	 - 0#U	4	 <u> </u>	
		<u> </u>		





CONSTRUCTION, DEMOLITION, AND OTHER LARGE WASTE ITEMS CAN BE LOADED DIRECTLY INTO 40-CY DUMPSTERS

7

8

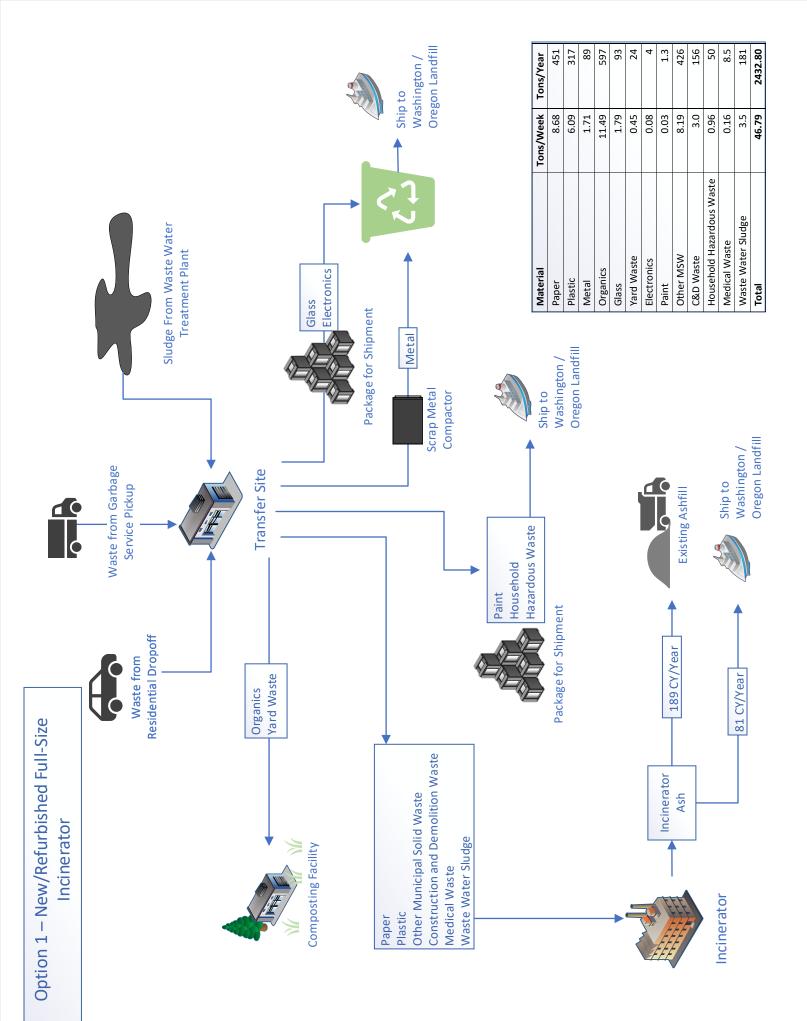
9

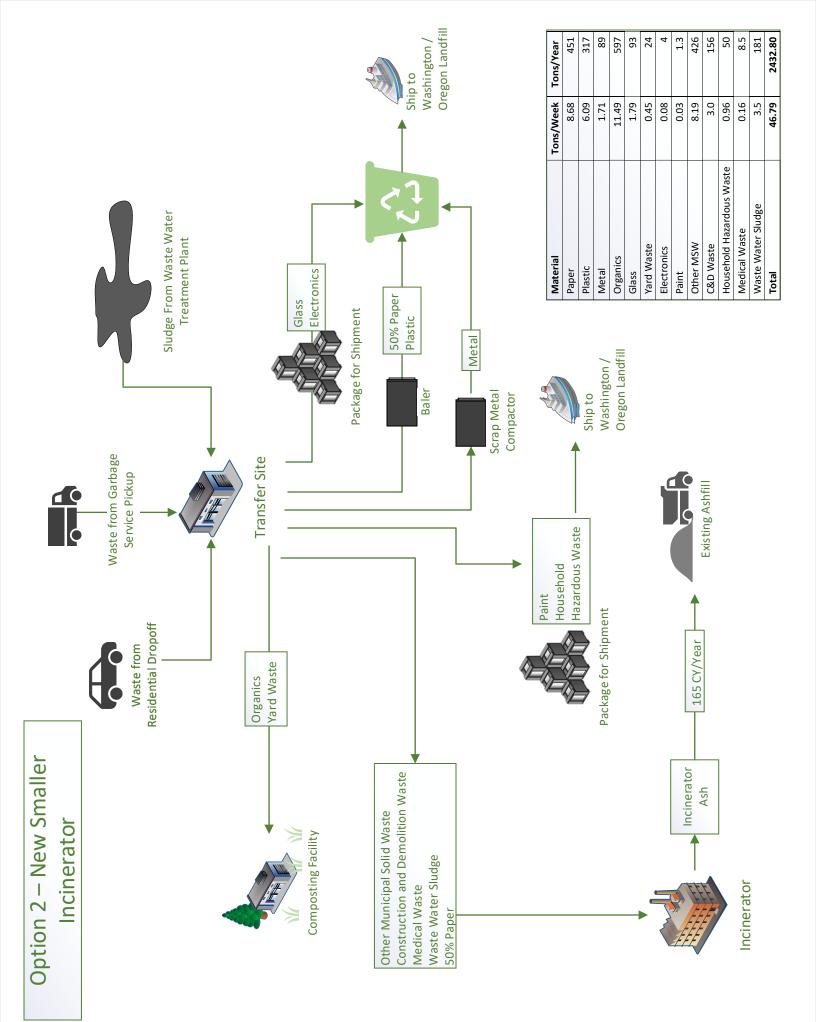
10

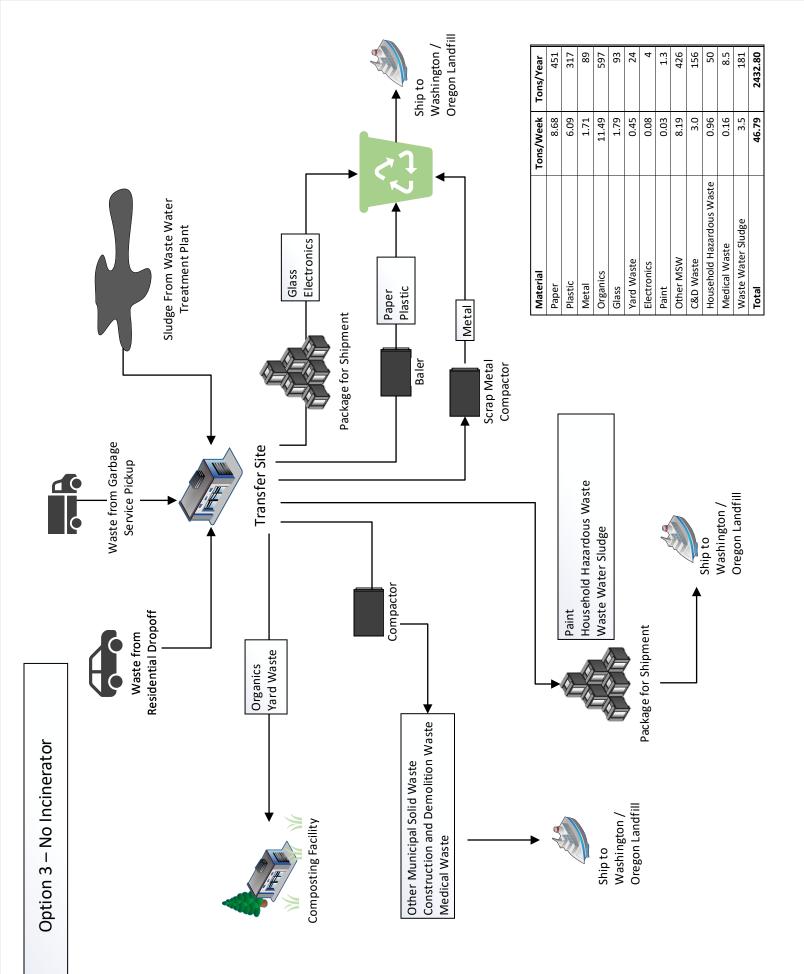
- RECYCLABLES, CONSTRUCTION, DEMOLITION, AND OTHER GENERAL TYPES OF WASTE ARE COMPACTED BEFORE SHIPMENT
- AFTER COMPACTION, WASTE IS REMOVED FROM COMPACTORS AND LOADED INTO SHIPPING CONTAINERS FOR TRANSPORT.
- SHIPPING CONTAINERS CAN BE STORED ON SITE AS NEEDED

APPENDIX B

DISPOSAL PROCESS FLOW DIAGRAMS

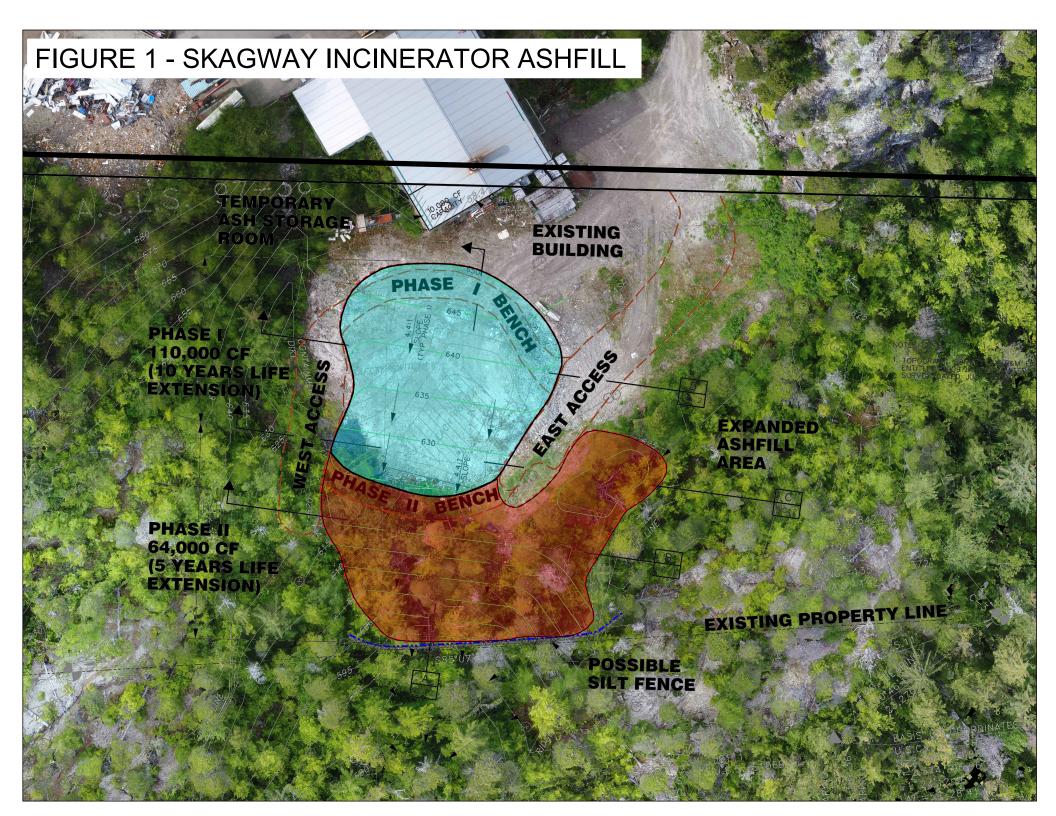






APPENDIX C

ASHFILL FIGURE



APPENDIX D

TRANSFER SITE COST ESTIMATE

	SKAGWAY TRANSFER SITE							
	15% COST ESTIMATE							
BASE BID		ENGINEERS ESTIMATE						
	DESCRIPTION	QUANTITY	PAY UNIT	UNIT PRICE	AMOUNT			
	CLEARING	ALL REQUIRED	LUMP SUM	\$5,000.00	\$5,000.00			
	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	ALL REQUIRED	LUMP SUM	\$10,000.00	\$10,000.00			
	SITE EXCAVATION AND EARTHWORK	ALL REQUIRED	LUMP SUM	\$60,000.00	\$60,000.00			
	AGGREGATE BASE COURSE (4")	900	CY	\$35.00	\$31,500.00			
	HOT MIX ASPHALT (4")	1,800	TON	\$125.00	\$225,000.00			
	PRE-FABRICATED METAL BUILDING COMPLETE	1	EACH	\$3,500,000.00	\$3,500,000.00			
	COMPACTOR UNIT	1	EACH	\$60,000.00	\$60,000.00			
	RECYCLING BALER	1	EACH	\$35,000.00	\$35,000.00			
	SCRAP METAL COMPACTOR UNIT	1	EACH	\$25,000.00	\$25,000.00			
	FLOOR SCALE	4	EACH	\$2,500.00	\$10,000.00			
	FORK LIFT	1	EACH	\$30,000.00	\$30,000.00			
	8-YARD DUMPSTER	11 EACH		\$2,500.00	\$27,500.00			
	20-FOOT DUMPSTER/SHIPPING CONTAINER	5	EACH	\$6,000.00	\$30,000.00			
	MOBILIZATION AND DEMOBILIZATION	ALL REQUIRED	LUMP SUM	\$30,000.00	\$30,000.00			
	EROSION, SEDIMENT, AND POLLUTION CONTROL ADMINISTRATION	ALL REQUIRED	LUMP SUM	\$10,000.00	\$10,000.00			
	TEMPORARY EROSION, SEDIMENT, AND POLLUTION CONTROL	ALL REQUIRED	LUMP SUM	\$5,000.00	\$5,000.00			
	CONSTRUCTION SURVEYING	ALL REQUIRED	LUMP SUM	\$15,000.00	\$15,000.00			
	TRAFFIC MAINTENANCE	ALL REQUIRED	LUMP SUM	\$5,000.00	\$5,000.00			
		SUBTOTA	L COST		\$4,114,000.00			
		LOCATION MA	RKUP (10%)		\$411,400.00			
		CONTINGENCY (10%) \$4		\$411,400.00				
	TOTAL CONSTRUCTION COST \$4,936,80							

APPENDIX E

WASTE DISPOSAL COST COMPARISON

Waste Disposal Cost Comparisons

	2040 Projection	Cu	rrent Shipping Rates		Cost to I	Disp	oose- \$/Yr Throu	ıgh∶	2040	
Waste Stream	Tons/Yr		\$/Ton Ship		Option #1		Option #2		Option #3	Notes
Recycling										[4]
Paper	451	\$	(50.00)	Ś	51,301.25	Ś	14,375.63	\$	(22,550.00)	[1]
Plastic	317	\$	(50.00)		36,058.75	\$	(15,850.00)		(15,850.00)	
Metal	89	\$	(655.56)		(58,344.44)	\$	(58,344.44)		(58,344.44)	
Glass	93	\$	(50.00)		(4,650.00)		(4,650.00)		(4,650.00)	
Electronics	4	\$	(50.00)		(200.00)	\$	(200.00)	\$	(200.00)	
General Solid Waste	426	\$	316.82	\$	48,457.50	\$	48,457.50	\$	134,965.44	
Hazardous Waste										
Paint	1.3	\$	325.59	\$	423.26	\$	423.26	\$	423.26	
Household HW	50	\$	520.00	\$	26,000.00	\$	26,000.00	\$	26,000.00	
Medical Waste	8.5	\$	1,497.70	\$	966.88	\$	966.88	\$	12,730.41	
Waste Water Sludge (Total)	181									
To Incinerator	-			\$	20,588.75	Ś	20,588.75			
Prepare for Shipment		\$	757.30		-,		-,	\$	137,072.11	
Incinerator Ash		\$	462.25							[3]
Option 1	164	Ļ	402.25	\$	22,746.26					[2]
Option 2	104			Ŷ	22,740.20	\$	-			[2]
Option 3	0					Ŧ		\$	-	
Construction Debris	156	\$	504.03	\$	17,726.80	\$	17,726.80	\$	78,548.39	
	Totals			\$	161,075.00	\$	49,494.37	\$	288,145.17	

Notes:

[1] Option #2 - Half to incincerator, half shipped

[2] Assume 70% to ashfill, 30% shipped - see Report for ashfill capacity

[3] Not based on actual quote to ship ash, based on quoted hazarous materials cost of \$13,000 per container

[4] Recycling values based on current market conditions, subject to change

[5] Organics and yard waste not included in cost analysis as these waste streams are expected to have minor impact on operation of transfer site and incinerator

[6] Assume \$3.25 per gallon of incinerator fuel

[7] Assume 35 gallons of fuel per ton of waste incinerated

[8] No waste oil accounted for in waste stream - addition of waste oil will improve cost to incinerate



REVISED November 29, 2021

Tyson Ames MOS Director of Public Works PO Box 415 Skagway, Ak 99840

SUBJECT: Skagway Transfer Facility Design and Bidding Services Scope of Work and Fee Proposal, Option D

Dear Mr. Ames:

PDC Engineers have revised the Transfer Facility fees for an Option D which includes two buildings: a base bid building about 11,000 sq ft and an Additive Alternate building about 9,000 sq ft. As requested we are submitting a revised fee proposal for those two buildings for the completion of Design, Bidding, and Permitting for the Municipality of Skagway (MOS) Solid Waste Transfer Facility in Skagway, Alaska. Option D does not include Construction Services as those were requested to be removed from the scope of work. We are including HMS for cost estimating and JYW Architects for architectural services. A tertiary metal structure for a scales or exterior metal compactor is not included; it is assumed these functions will be included in the two buildings.

We are proposing the following phases of work. Proposed duration time for each phase is also listed below. Time frame suggested below is after notice-to-proceed of the relevant phase. The requested 35% submittal listed below is a refresh of the previous phase and will capture final comments from that earlier submittal.

•	35% Construction Documents Submittal	10 weeks
٠	65% Construction Documents Submittal	10 weeks
٠	95% Construction Documents Submittal	8 weeks
٠	100% Construction Documents Submittal	4 weeks
•	Permitting and Assistance for Applicable Agencies	Concurrent with 100% CD and Bidding Phases
٠	Bidding	4 weeks

Anchorage | Fairbanks | **Juneau** | Palmer | Soldotna 9109 Mendenhall Mall Road, Suite 4, Juneau, Alaska 99801 907.780.6060 www.PDCENG.com

Specific discipline tasks are as follows:

Project Management

Scope of work will include project management of the design, bidding, and construction services for the Transfer Facility project including all team oversight and coordination, owner coordination, and contractor coordination. Scope also includes:

- Project Manager site trip visits:
 - Two trips to site during design; one at 35% and one at 65%, with public meeting evening attendance included for the 35% design trip.
 - Pre-Construction Site Trip.

Environmental/Planning

- Preparation of public meeting materials for 35% presentation.
- Facilitate the public meeting for 35% presentation.
- Post public meeting summary comments.
- Assume that Municipality of Skagway will publish public meeting announcements.
- Site trips and attendance at public meeting by Planner and Environmental Engineer at 35% level.
- Provide at least 3 locations in Southeast Alaska that operate solid waste transfer stations that ship waste.
- Assist with all State and Federal permitting.
- Identify requirements and obtain documentation for shipping biosolids from Skagway WWTP, clinic biohazards, etc.
- Identify AML shipping requirements and obtain shipping cost estimates for solid waste, biohazards, and biosolids.
- Identify and obtain ADEC compliance for Transfer Station facility operation and waste shipment.
- Consult with ADEC regarding composting options and obtain any required permits or approvals.

- Assist with ADEC-approval for land development.
- Conduct (1) site visit.
- Attend (1) public meeting.

Topographic Mapping

Scope of work will include an on the ground field survey of the existing 15-Acre facility to produce topographic mapping in a 1' contour interval. Existing MOS Compost building, staging areas, fill limits, stockpiles, entrance to Klondike Highway, existing overhead and underground utilities will be mapped to produce an engineering topographic map for our civil engineering design team to work from.

Civil Engineering

The site will consist of a pad approximately 3 to 3.5 acres in area that will support the installation of two buildings approximately 11,000 and 9,000 sq ft. respectively. Both buildings are anticipated to be a tall single-story, pre-engineered metal building (PEMB) on concrete foundation with concrete tipping walls. The PEMB's will be used for the transfer site for collecting, processing, and preparing waste from the community for transport to the incinerator or for shipping to a remote landfill or recycling center. Auxiliary spaces for the staff include office space, a bathroom, locker room with shower, and a laundry space. Building support spaces such as mechanical and electrical rooms should also be provided.

- Earthwork activities include excavation and structural embankment for the building and associated parking and vehicle movements on site.
- Underground utilities will consist of a new buried water service from a water storage tank. A sewer service line will be installed to carry wastewater to a new septic tank and leach field for on site disposal. Piping will be included in the design for future connection to municipal water service.
- Site grading and drainage plans, utility plans, site cross sections, construction details and typical sections will be developed for the solid waste transfer stations. Erosion and sediment control plan with details will be developed for the contractor to prepare his SWPPP plan from. Estimate of quantities will be prepared for site work and site utilities will be prepared.
- Technical specifications will be prepared for the civil engineering design elements of the project.
- 35%, 65%, 95% and final 100% final bid ready construction plans for the MOS Solid Waste Transfer facility will be made with submittals in PDF format.
- Site visit at the 35% and 65% design meetings with owner will be included as part of the scope of work.
- Bidding support services will be provided during the bid phase period of the project and participating in the prebid meeting by phone.

Geotechnical Engineering

Geotechnical engineering for this site will include reviewing the PND Engineers "Skagway Solid Waste, Recycling, Public Works and R/V Park Geotechnical Investigation" dated

Anchorage | Fairbanks | **Juneau** | Palmer | Soldotna 9109 Mendenhall Mall Road, Suite 4, Juneau, Alaska 99801 907.780.6060 www.PDCENG.com

December 30, 2016 for this site. A total of 34 shallow machine dug test pits were performed within the property.

- PDC will prepare a letter recommendation for the site work preparation for the solid waste transfer facility.
- Review of 95% civil documents for conformance with geotechnical recommendations will be made.

Architectural

Architectural scope includes producing production of 35%, 65%, 95% and 100% Drawings, technical architectural specifications and

- Technical Specifications
- Architectural will work with Structural on the PEMB specifications and details
- Coordination with MEP and Struct
- Bidding Service: Answering questions Ect.
- (1) Site Visit at 35% Design.
- See Attachment B for their fee proposal

Fire Protection

Fire Protection Engineering scope includes the following:

- review the previous 35% submittal dated March 2021,
- confirm design assumptions per team meeting exchange,
- Not included: design fire alarm devices per applicable code requirements. It is preliminary assumed that suppression systems are not required. If they are determined to be required, fees for that design would be submitted for addendum at that time.
- Not included: design suppression system per applicable codes. It is preliminary assumed that suppression systems are not required. If they are determined to be required, fees for that design would be submitted for addendum at that time.
- review and update code analysis for inclusion into narrative,
- review egress path compliance with applicable codes,
- design site trip at post 35% submittal. No other FP site trips are included during design.

- coordinate permit application with State Fire Marshal's Office,
- review contractor bids.

Structural

Structural scope is to provide a structural foundation design for the transfer facility pre-engineered metal buildings (PEMB).

- Preparation of PEMB specifications and details with assistance from Architect is included.
- Design site trip at post 35% submittal.
- Seismic restraints of mechanical and electrical equipment is excluded and to be delegated design in the construction contract.

Mechanical

Mechanical design scope is to include ventilation heating and plumbing systems as outlined in the 35% Schematic Report dated March 2021. Water and sanitary sewer connections will be at 5 feet outside the building. Utility services provided under Civil division. Provision will be made in design for future water service connection to municipality.

• 1 Mechanical design site visit is anticipated, post 35% submittal.

Electrical

Electrical scope of work is to provide power, lighting, and signal design for the transfer facility, metal compactor covered shelter, and surrounding site development.

- Transfer Facility Buildings: Power, Interior lighting, and Exterior building mounted lighting. No signal design including stub-outs for future telephone and internet service is anticipated.
- 1 Electrical design site visit is anticipated, post 35% submittal.
- Site: Power service to the Transfer Facility is the only anticipated Electrical utility work. Revisions to the existing Compost Building's power service is excluded. In addition, no pole mounted site lighting or security is anticipated, and access control at the entry gate is excluded.

Cost Estimating

Construction Services Fee Summary is as follows: Provide estimates at 35%, 65%, and 95% levels. See Attachment C.

Anchorage | Fairbanks | **Juneau** | Palmer | Soldotna 9109 Mendenhall Mall Road, Suite 4, Juneau, Alaska 99801 907.780.6060 www.PDCENG.com

Estimate of Total Fee's

ENGINEERING TASK SUMMARY	Task Total (\$)
35% Design	127,942
65% Design	125,060
95% Design	97,665
Construction Documents	44,790
Compliance and Permitting	16,640
Bidding	19,235
Project Total	431,332

We propose to perform the Design phases as fixed fee for <u>\$395,457</u> and the Bidding, Compliance Review & Permitting phases as fixed fees at \$35,875, for an engineering project total of <u>\$431,332</u>. See attached fee schedules for readable summary and discipline breakdowns.

Additional engineering work that is requested or added to the contract will be billed on a separate time and materials basis or negotiated separately. PDC will keep you apprised of budget and scope status throughout the performance of this work and alert you of any non-scope items that may impact the budget.

PDC is committed to providing high quality and economical services to MOS.

Thank you for this opportunity; we look forward to beginning this work. Please call if you have any questions or comments.

Sincerely,

J. Mark Pusich, Principal Civil Engineer PDC Engineers

Attachments: Included in a single PDF package.

Attachment A: Fee Spread Sheet Schedules Attachment B: JYW Architects Spreadsheet Attachment C: Estimations Cost Estimating Spreadsheet

Anchorage | Fairbanks | **Juneau** | Palmer | Soldotna 9109 Mendenhall Mall Road, Suite 4, Juneau, Alaska 99801 907.780.6060 www.PDCENG.com

PDC Summary Sheet

										I DC Sul	, in the second s	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							
													PDC						
									ENVIR /				Reimb.	PDC	JYW	Estimatio	Subconsultant	Subconsultant	
#	PHASE		P. M.	STRUC	Т	MECH	ELECT	CIVIL	PLANNER	SURVEY	FIRE	GEOTECH	Markup	Total	Architects	ns	Total	Markup	Total
	_				-	_	_	_					· · · r			_		· · · r	
22	35% Design		\$ 9,500	\$ 22.3	15 \$	11,710	\$ 15,910	\$ 13,575	\$ 7,855	\$ 6,990	\$ 12,560	\$ 3,200		\$ 103,615	\$ 6,550) \$ 7,574	\$ 14,124	\$ 706 \$	118,445
~~~	55% Design	Reimbursable	\$ <u>983</u>		47 \$								Ś -	\$ 9,028			\$ 447		9,497
		Phase Total	-	-	/62 \$								Ŧ	\$ 112,643					127,942
		Thase Total	y 10, <del>4</del> 03	<i>Ş 22,1</i>	<u>02   7</u>	12,157	Ş 10,007	<b>Υ</b> 1 <del>1</del> ,230	<i>Ş 5,767</i>	Ş 5,030	φ 13,031	÷ 5,200	<b>,</b>	Ų 112,043	<b>V V</b>	, <i>,,,,</i>	<b>9 14,3</b> / <b>1</b>	, , , , , , , , , , , , , , , , , , , ,	127,542
25	65% Design		\$ 10.500	\$ 18,9	75 Ś	19,040	\$ 19.955	\$ 19,140	\$ 3,610	Ś -	\$ 6,545	Ś -		\$ 97,765	\$ 13.000	\$ 11,248	\$ 24,248	\$ 1,212 <b>\$</b>	123,225
		Reimbursable	\$ 683		- \$		\$ -	\$ 683			\$ -	÷ -	Ś -	\$ 1,366			\$ 447	\$ 22 <b>\$</b>	1,835
			\$ 11,183		)75 \$	19,040	\$ 19,955			•	\$ 6,545		÷ ج -	\$ 99,131		'\$ 11,248			125,060
			,	<u> </u>			+	+ =0,0=0	<i>\</i>	Ť	÷ 0,010	, Ŧ	Ŧ	ļ	<b></b> ,	ŢŢ,	ŢŢ,0000 Ţ		,
30	95% Design		\$ 12,300	\$ 12,5	50 \$	17,920	\$ 17,215	\$ 14,170	\$ 660	\$ -	\$ 5,515	\$ 800		\$ 81,130	\$ 4,500	) \$ 11,248	\$ 15,748	\$ 787 <b>\$</b>	97,665
	0	Reimbursable	<u>,</u> \$-	\$	- \$		\$ -					\$ -	\$ -	\$ -	, ,	. ,		\$ - <b>\$</b>	
		Phase Total	\$ 12,300	\$ 12,5	50 \$	17,920	\$ 17,215	\$ 14,170	\$ 660		\$ 5,515		\$ -	\$ 81,130	\$ 4,500	\$ 11,248		\$ 787 \$	97,665
			. ,	,		, ,		. ,			. ,	. ·	. ·		<i>.</i>	. · · ·		· ·	· · · ·
35	Construction Documents		\$ 5,600	\$ 6,5	i45 \$	9,185	\$ 10,185	\$ 7,030	\$ 660	\$-	\$ 4,745	\$-		\$ 43,950	\$ 800	)	\$ 800 \$	\$ 40 <b>\$</b>	44,790
		Reimbursable	\$ -	\$	- \$	-	\$ -	\$ -	\$-		\$ -	\$-	\$-	\$ -			\$ - 9	\$ - <b>\$</b>	-
		Phase Total	\$ 5,600	\$ 6,5	45 \$	9,185	\$ 10,185	\$ 7,030	\$ 660	\$-	\$ 4,745	\$-	\$-	\$ 43,950	\$ 800	)\$-	\$ 800 \$	\$ 40 \$	44,790
		•							•						•		•	· · · · ·	
73	Compliance Review and Pe	ermitting	\$ 2,600	\$ 1,3	\$05 \$	1,330	\$ 1,060	\$ 4,700	\$ 3,990	\$-	\$ 1,655	\$-		\$ 16,640	\$-		\$ - \$	\$ - <b>\$</b>	16,640
		Reimbursable	\$ -	\$	- \$	-	\$-	\$ -	\$-	\$-	\$-	\$-	\$-	\$-			\$ - \$	\$ - <b>\$</b>	-
		Phase Total	\$ 2,600	\$ 1,3	<b>05</b> \$	1,330	\$ 1,060	\$ 4,700	\$ 3,990	\$-	\$ 1,655	\$-	\$-	\$ 16,640	\$-	\$ -	\$ - 9	\$-\$	16,640
37	Bid Phase Services		\$ 4,600	\$ 2,5	575 \$	2,680	\$ 2,020	\$ 3,000	\$ 535	\$-	\$ 2,670	\$-		\$ 18,080	\$ 1,100	)	\$ 1,100	\$	19,235
		Reimbursable	\$-	\$	- \$	-	\$-	\$ -	\$-	\$-	\$-	\$-	\$ -	\$-			\$-\$	\$ - <b>\$</b>	-
		Phase Total	\$ 4,600	\$ 2,5	575 \$	2,680	\$ 2,020	\$ 3,000	\$ 535	\$-	\$ 2,670	\$-	\$-	\$ 18,080	\$ 1,100	)\$-	\$ 1,100	\$55\$	19,235
	-			-													· · · · · · · · · · · · · · · · · · ·		
85																			
				1								T	-	•	-	-	T		
85																			
				<b> </b>															
	1			1.						· · · · ·			Ι.	1.			1		
	Subtotal		\$ 46,766	\$ 64,7	12 \$	62,312	\$ 67,242	\$ 62,981	\$ 19,162	\$ 9,638	\$ 34,761	\$ 4,000	\$-	\$ 371,574	\$ 26,844	\$ 30,070	\$ 56,914	\$	431,332
	•			-	•	-						•			•	-	-		
	Estimated Sales Tax																	\$	-
	Grand Total																	\$	431,332



11/29/2021

### 11/29/2021

#	TASK	Principa	1	Senior Engineer	Project Engineer	Technical Editor	Lead Engineering Technician			
					0		\$110.00			
	Billing Rate (\$/h	r) \$250	0.00	\$200.00	\$155.00	\$115.00	\$110.00	t ta contra	r	
~~	250/ Design							Hourly		
22	35% Design	-				1		Subtotal	L	Subtotal Cost
	Project Coordination		24						\$	6,0
	Project Meetings		6					6	\$	1,5
	Site Trip - After 35% Submittal		8					8	\$	2,0
	Hourly Subtotal		38	0	0	0	0			1
	Cost	\$ 9,	500	\$ -		\$ -			\$	9,5
	Cost	ş 5,	500	ş -	<b>э</b> -	<b>э</b> -	<i>ş</i> -		Ş	5,5
									r—	
								Hourly		
25	65% Design			-				Subtotal	L	Subtotal Cost
	Project Coordination		28					28	\$	7,0
	Project Meetings		6					6	\$	1,5
	Site Visit - After 65% Submittal		8					8	\$	2,0
	Hourly Subtotal		42	0	0	0	0	42	_	-,-
		¢ 10						42	_	10 5
	Cost	\$ 10,	500	\$-	\$-	\$-	\$-		\$	10,5
									L	
								Hourly	1	
30	95% Design							Subtotal		Subtotal Cost
	Project Coordination		24	4				28	\$	6,8
	Projct Div 0 & 1 Specifications		10	2		İ		12	_	2,9
									-	
	Project Meetings		4	8		<u> </u>		12	_	2,6
	Hourly Subtotal	_	38	14				52	_	
	Cost	\$9,	500	\$ 2,800	\$-	\$-	\$-		\$	12,3
								Hourly		
35	<b>Construction Documents</b>							Subtotal	1	Subtotal Cost
	Project Coordination		10	4		1		14	ć	3,3
									_	
	Update Front End Specs	_	6	2				8		1,9
	Project Meetings			2				2	· ·	4
	Hourly Subtotal		16	8	0	0	0	24	1	
	Cost	\$ 4,	000	\$ 1,600		\$ -			\$	5,6
								Hourly		
73	<b>Compliance Review and Pern</b>	ni						Subtotal		Subtotal Cost
,,,	Project Coordination		4	4					\$	
		-	4					8		1,8
	Project Meetings			4				4	-	8
	Hourly Subtotal		4	8	0	0	0	12		
	Cost	\$ 1,	000	\$ 1,600	\$-	\$-	\$-			2,6
	Cost	÷ -)			Ŧ				\$	
	COSL	¥ -)		•	Ť				\$	
		¥ -)			Ŧ			Hourly	\$	
37								Hourly Subtotal	\$	Subtotal Cost
37	Bid Phase Services	ļ ,	2	4	1	1		Subtotal		
37	Bid Phase Services Pre-Bid Mtg via Phone		2	4				Subtotal 6	\$	1,3
37	Bid Phase Services Pre-Bid Mtg via Phone Project Coordination; Addendums		2	8				Subtotal 6 10	\$ \$	1,3 2,1
37	Bid Phase Services Pre-Bid Mtg via Phone Project Coordination; Addendums Owner Coordination			8 4				Subtotal 6 10 4	\$ \$ \$	1,3 2,1
37	Bid Phase Services Pre-Bid Mtg via Phone Project Coordination; Addendums			8				Subtotal 6 10	\$ \$ \$	1,3 2,1 8
37	Bid Phase Services Pre-Bid Mtg via Phone Project Coordination; Addendums Owner Coordination Bid Reviews		2	8 4 2				Subtotal 6 10 4 2	\$ \$ \$ \$	1,3 2,1 8
37	Bid Phase Services Pre-Bid Mtg via Phone Project Coordination; Addendums Owner Coordination Bid Reviews Hourly Subtotal		2	8 4 2 18	0	0		Subtotal 6 10 4 2	\$ \$ \$ \$	1,3 2,1 8 4
37	Bid Phase Services Pre-Bid Mtg via Phone Project Coordination; Addendums Owner Coordination Bid Reviews		2	8 4 2	0			Subtotal 6 10 4 2	\$ \$ \$ \$	1,3 2,1 8 4
37	Bid Phase Services Pre-Bid Mtg via Phone Project Coordination; Addendums Owner Coordination Bid Reviews Hourly Subtotal		2	8 4 2 18	0	0		Subtotal 6 10 4 2 22	\$ \$ \$ \$	1,3 2,1 8 4
	Bid Phase Services Pre-Bid Mtg via Phone Project Coordination; Addendums Owner Coordination Bid Reviews Hourly Subtotal		2	8 4 2 18	0	0		Subtotal 6 10 4 2 22 22 Hourly	\$ \$ \$ \$	1,3 2,1 8 4 4,6
	Bid Phase Services Pre-Bid Mtg via Phone Project Coordination; Addendums Owner Coordination Bid Reviews Hourly Subtotal		2	8 4 2 18	0	0		Subtotal 6 10 4 2 22 22 Hourly Subtotal	\$ \$ \$ \$	1,3 2,1 8 4 4,6 Subtotal Cost
	Bid Phase Services Pre-Bid Mtg via Phone Project Coordination; Addendums Owner Coordination Bid Reviews Hourly Subtotal		2	8 4 2 18	0	0		Subtotal 6 10 4 2 22 22 Hourly Subtotal 0	\$ \$ \$ \$	1,3 2,1 8 4 4,6 Subtotal Cost
	Bid Phase Services Pre-Bid Mtg via Phone Project Coordination; Addendums Owner Coordination Bid Reviews Hourly Subtotal		2	8 4 2 18	0	0		Subtotal 6 10 4 2 22 22 Hourly Subtotal 0	\$ \$ \$ \$	1,3 2,1 8 4 4,6 Subtotal Cost
	Bid Phase Services Pre-Bid Mtg via Phone Project Coordination; Addendums Owner Coordination Bid Reviews Hourly Subtotal		2	8 4 2 18	0	0		Subtotal 6 10 4 2 22 22 Hourly Subtotal 0	\$ \$ \$ \$ \$ \$ \$	1,3 2,1 8 4 4,6 Subtotal Cost
	Bid Phase Services Pre-Bid Mtg via Phone Project Coordination; Addendums Owner Coordination Bid Reviews Hourly Subtotal		2	8 4 2 18	0	0		Subtotal 6 10 4 2 22 Hourly Subtotal 0 0 0	\$ \$ \$ \$ \$ \$ \$ \$	1,3 2,1 8 4 4,6 Subtotal Cost
	Bid Phase Services Pre-Bid Mtg via Phone Project Coordination; Addendums Owner Coordination Bid Reviews Hourly Subtotal		2	8 4 2 18	0	0		Subtotal 6 10 4 22 22 Hourly Subtotal 0 0 0	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,3 2,1 8 4 4,6 Subtotal Cost
	Bid Phase Services Pre-Bid Mtg via Phone Project Coordination; Addendums Owner Coordination Bid Reviews Hourly Subtotal Cost		2 4 0000	8 4 2 18 \$ 3,600	0 \$ -	0 \$ -	\$ -	Subtotal 6 10 4 22 22 Hourly Subtotal 0 0 0 0 0 0	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,3 2,1 8 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
	Bid Phase Services Pre-Bid Mtg via Phone Project Coordination; Addendums Owner Coordination Bid Reviews Hourly Subtotal Cost Hourly Subtotal Hourly Subtotal	\$ 1,	2 4 0000 0	8 4 2 18 \$ 3,600	\$ - 	\$ - 	\$ -	Subtotal 6 10 4 22 22 Hourly Subtotal 0 0 0	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,3 2,1 8 4 4,6 Subtotal Cost - - - - - - - - - - - - - - - - - - -
	Bid Phase Services Pre-Bid Mtg via Phone Project Coordination; Addendums Owner Coordination Bid Reviews Hourly Subtotal Cost		2 4 0000 0	8 4 2 18 \$ 3,600	0 \$ -	0 \$ -	\$ -	Subtotal 6 10 4 22 22 Hourly Subtotal 0 0 0 0 0 0	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,3 2,1 8 4 4,6 Subtotal Cost - - - - - - - - - - - - - - - - - - -
	Bid Phase Services Pre-Bid Mtg via Phone Project Coordination; Addendums Owner Coordination Bid Reviews Hourly Subtotal Cost Hourly Subtotal Hourly Subtotal	\$ 1,	2 4 0000 0	8 4 2 18 \$ 3,600	\$ - 	\$ - 	\$ -	Subtotal 6 10 4 22 22 Hourly Subtotal 0 0 0 0 0 0	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,3 2,1 8 4,6 Subtotal Cost - - - - - - - - - - - - - - - - - - -
	Bid Phase Services Pre-Bid Mtg via Phone Project Coordination; Addendums Owner Coordination Bid Reviews Hourly Subtotal Cost Hourly Subtotal Hourly Subtotal	\$ 1,	2 4 0000 0	8 4 2 18 \$ 3,600	\$ - 	\$ - 	\$ -	Subtotal 6 10 4 22 22 Hourly Subtotal 0 0 0 0 0 0	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,3 2,1 8 4,6 Subtotal Cost - - - - - - - - - - - - - - - - - - -
85	Bid Phase Services Pre-Bid Mtg via Phone Project Coordination; Addendums Owner Coordination Bid Reviews Hourly Subtotal Cost Hourly Subtotal Hourly Subtotal	\$ 1,	2 4 0000 0	8 4 2 18 \$ 3,600	\$ - 	\$ - 	\$ -	Subtotal 6 10 4 22 22 Hourly Subtotal 0 0 0 0 0 0 0 0 0 0 0	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,3 2,1 8 4 4,6 Subtotal Cost
85	Bid Phase Services Pre-Bid Mtg via Phone Project Coordination; Addendums Owner Coordination Bid Reviews Hourly Subtotal Cost Hourly Subtotal Hourly Subtotal	\$ 1,	2 4 0000 0	8 4 2 18 \$ 3,600	\$ - 	\$ - 	\$ -	Subtotal 6 10 4 22 Hourly Subtotal 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,3 2,1 8 4 4,6 Subtotal Cost
85	Bid Phase Services Pre-Bid Mtg via Phone Project Coordination; Addendums Owner Coordination Bid Reviews Hourly Subtotal Cost Hourly Subtotal Hourly Subtotal	\$ 1,	2 4 0000 0	8 4 2 18 \$ 3,600	\$ - 	\$ - 	\$ -	Subtotal 6 10 4 22 Hourly Subtotal 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,3 2,1 8 4,6 Subtotal Cost 
85	Bid Phase Services Pre-Bid Mtg via Phone Project Coordination; Addendums Owner Coordination Bid Reviews Hourly Subtotal Cost Hourly Subtotal Hourly Subtotal	\$ 1,	2 4 0000 0	8 4 2 18 \$ 3,600	\$ - 	\$ - 	\$ -	Subtotal 6 10 4 2 22 22 Hourly Subtotal 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,3 2,1 8 4,6 Subtotal Cost - - - - - - - - - - - - - - - - - - -
85	Bid Phase Services Pre-Bid Mtg via Phone Project Coordination; Addendums Owner Coordination Bid Reviews Hourly Subtotal Cost Hourly Subtotal Hourly Subtotal	\$ 1,	2 4 0000 0	8 4 2 18 \$ 3,600	\$ - 	\$ - 	\$ -	Subtotal 6 10 4 2 2 2 2 2 2 2 2 2 0 0 0 0 0 0 0 0 0	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,3 2,1 8 4,6 Subtotal Cost - - - - - - - - - - - - - - - - - - -
85	Bid Phase Services Pre-Bid Mtg via Phone Project Coordination; Addendums Owner Coordination Bid Reviews Hourly Subtotal Cost Hourly Subtotal Hourly Subtotal	\$ 1,	2 4 0000 0	8 4 2 18 \$ 3,600	\$ - 	\$ - 	\$ -	Subtotal 6 10 4 2 22 22 Hourly Subtotal 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,3 2,1 8 4 4,6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
85	Bid Phase Services Pre-Bid Mtg via Phone Project Coordination; Addendums Owner Coordination Bid Reviews Hourly Subtotal Cost Hourly Subtotal Cost	\$ 1,	2 4 0000	8 4 2 18 \$ 3,600	0 \$	0 \$	\$ -	Subtotal 6 10 4 2 2 2 2 2 2 2 2 2 0 0 0 0 0 0 0 0 0	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,3 2,1 8 4 4,6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
85	Bid Phase Services Pre-Bid Mtg via Phone Project Coordination; Addendums Owner Coordination Bid Reviews Hourly Subtotal Cost Hourly Subtotal Cost Hourly Subtotal Cost Hourly Subtotal	\$ 1, \$ 1, \$	2 4 0000 - -	8 4 2 18 \$ 3,600 \$ -	0 \$	0 \$	\$	Subtotal 6 10 4 2 2 2 2 2 2 2 2 2 0 0 0 0 0 0 0 0 0	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,3 2,1 8 4 4,6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
85	Bid Phase Services Pre-Bid Mtg via Phone Project Coordination; Addendums Owner Coordination Bid Reviews Hourly Subtotal Cost Hourly Subtotal Cost	\$ 1,	2 4 0000	8 4 2 18 \$ 3,600	0 \$	0 \$	\$	Subtotal 6 10 4 2 2 2 2 2 2 2 2 2 0 0 0 0 0 0 0 0 0	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,3 2,1 8 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
85	Bid Phase Services Pre-Bid Mtg via Phone Project Coordination; Addendums Owner Coordination Bid Reviews Hourly Subtotal Cost Hourly Subtotal Cost Hourly Subtotal Cost Hourly Subtotal	\$ 1, \$ 1, \$	2 4 0000 - -	8 4 2 18 \$ 3,600 \$ -	0 \$	0 \$	\$	Subtotal 6 10 4 2 2 2 2 2 2 2 2 2 0 0 0 0 0 0 0 0 0	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,3 2,1 8 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
85	Bid Phase Services Pre-Bid Mtg via Phone Project Coordination; Addendums Owner Coordination Bid Reviews Hourly Subtotal Cost Hourly Subtotal Cost Hourly Subtotal Cost Hourly Subtotal	\$ 1, \$ 1, \$	2 4 0000 - -	8 4 2 18 \$ 3,600 \$ -	0 \$	0 \$	\$	Subtotal 6 10 4 2 2 2 2 2 2 2 2 2 0 0 0 0 0 0 0 0 0	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Subtotal Cost 1,3i 2,1i 8 4,6i Subtotal Cost - - - - - - - - - - - - -
85	Bid Phase Services Pre-Bid Mtg via Phone Project Coordination; Addendums Owner Coordination Bid Reviews Hourly Subtotal Cost Hourly Subtotal Cost Hourly Subtotal Cost Hourly Subtotal	\$ 1, \$ 1, \$	2 4 0000 - -	8 4 2 18 \$ 3,600 \$ -	0 \$	0 \$	\$	Subtotal 6 10 4 2 2 2 2 2 2 2 2 2 0 0 0 0 0 0 0 0 0	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,3 2,1 8 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5

**PROJECT MANAGEMENT** 

PDC Engineers

#### 11/29/2021

#### STRUCTURAL ENGINEERING

	TASK Billing Rate (\$/hr)	Engineer		Lead Structural Engineer \$175.00	Staff Structural Engineer \$130.00	Technical Editor	Senior Engineering Technician \$125.00		
	Billing Rate (\$/nr)	\$250.00	\$190.00	\$175.00	\$130.00	\$115.00	\$125.00	Hourly	
22	35% Design							Subtotal	Subtotal Cos
	Kickoff Coordination		1	1	5		2	9	\$ 1,2
	Site Visit & review information				8			8	\$ 1,0
	Coordinate layout with arch and civil			1	4			5	s e
	Geotech coordination			1	2			3	\$ 4
									+
	Develop loads and estimate reactions				18			18	\$ 2,3
	Schematic Foundation Design			2	14			16	\$ 2,1
	Schematic loading dock, mezz, site								
	features			2	10			12	\$ 1,6
	Schematic metal compactor building			4	20		12	36	\$ 4,8
	Narrative and specs			4	10	1	12	13	\$ 4,0
	Drawings			2	2	1	20	22	\$ 2,7
	Review Cost Estimate by others			2	4			6	\$ 8
	QC			6				6	\$ 1,0
	Site Visit & review information				8			8	\$ 1,0
	Review meeting and respond to								
	comments			1	2			3	\$ 4
	Hourly Subtotal	0	1 \$ 190	22 \$ 3.850	107	1 \$ 115	34	165	<u> </u>
	Cost	ş -	\$ 190	\$ 3,850	\$ 13,910	\$ 115	\$ 4,250		\$ 22,3
								Hourly	
25	65% Design							Subtotal	Subtotal Cos
	Cross discipline phase coordination		1	1	3		2	7	\$ 1,0
	Foundation design development &	1			l .	1			
	details			2	24			26	\$ 3,4
	Loading dock, mezzanine sizing, site features design development	1		2	20	1		22	\$ 2,9
	Update narrative, specification			2	20		1		τ <b>Ζ</b> ,:
	development			2	12	1		15	\$ 2,0
	Metal compactor building			3	18		12	33	\$ 4,3
	Drawings				2		20	22	\$ 2,3
	Review Cost Estimate by others			1	3			4	\$ 5
	QC			8				8	\$ 1,4
	Review and respond to comments			1	2			3	\$ 4
	Hourly Subtotal	0		20	84	1	34	140	
	Cost	\$ -	\$ 190	\$ 3,500	\$ 10,920	\$ 115	\$ 4,250		\$ 18,9
								Hourly	
30	95% Design							Subtotal	Subtotal Cos
	Cross discipline phase coordination		1	1	5		2	9	\$ 1,2
	Foundation design, draft final			1	12			13	\$ 1,7
	Loading dock, mezz, site features draft								
	final			1	16	-		17	\$ 2,2
	Narrative and specifications			2	4	1	8	7	\$ 9
	Metal compactor building Drawings			2	2		8	18	\$ 2,3 \$ 2,7
	Review Cost Estimate by others			1	1		10	2	\$ 2,3
	OC			6	-			6	\$ 1,0
	Review and respond to comments			1	1			2	\$ 3
	Hourly Subtotal								
	Houriy Subtotal	0	1	15	49	1	26	92	
	Cost	0 \$-	1 \$ 190	15 \$ 2,625	49 \$ 6,370	1 \$ 115	26 \$ 3,250	92	\$ 12,5
		0 \$-				-			\$ 12,5
	Cost	0 \$ -				-		Hourly	
35	Cost Construction Documents	0 \$ -	\$ 190	\$ 2,625	\$ 6,370	-	\$ 3,250	Hourly Subtotal	Subtotal Cos
35	Cost Construction Documents Coordinating final deliverable	0 \$ -		\$ 2,625	\$ 6,370	-		Hourly Subtotal 5	\$ 12,5 Subtotal Cos
35	Cost Construction Documents Coordinating final deliverable Updating final design	0 \$ -	\$ 190	\$ 2,625	\$ 6,370 1 8	-	\$ 3,250 2	Hourly Subtotal 5	Subtotal Cos \$ 7 \$ 1,3
35	Cost Construction Documents Coordinating final deliverable Updating final design Final drawings	0 \$-	\$ 190	\$ 2,625	\$ 6,370 1 8 2	\$ 115	\$ 3,250	Hourly Subtotal 5 10 12	Subtotal Cos \$ 7 \$ 1,3 \$ 1,5
35	Cost Construction Documents Coordinating final deliverable Updating final design Final design Final specifications	0 \$ -	\$ 190	\$ 2,625	\$ 6,370 1 8	-	\$ 3,250 2	Hourly Subtotal 5	Subtotal Cos \$ 7 \$ 1,3 \$ 1,5 \$ 6
35	Cost Construction Documents Coordinating final deliverable Updating final design Final drawings	0 \$ -	\$ 190	\$ 2,625	\$ 6,370 1 8 2 3	\$ 115	\$ 3,250 2	Hourly Subtotal 5 10 12 5	Subtotal Cos \$ 7 \$ 1,3 \$ 1,5 \$ 6
35	Cost Construction Documents Coordinating final deliverable Updating final deliverable Inal specifications Cale package Cale Review cost Estimate by others	ş .	\$ 190	\$ 2,625	\$ 6,370 1 8 2 3 8 8 1	\$ 115	\$ 3,250 2 10	Hourly Subtotal 5 10 12 5 9 4 2	Subtotal Cos           \$         1,5           \$         1,5           \$         1,5           \$         1,5           \$         1,5           \$         1,7           \$         1,7           \$         1,7
35	Cost Construction Documents Coordinating final deliverable Updating final design Final specifications Cate package Cate package Cate package Cate Cate package Cate Cate package Cate Cate package Cate Cate Cate Cate Cate Cate Cate Cate	0 \$ -	\$ 190	\$ 2,625	\$ 6,370 1 8 2 3 8 8 1 1 23	\$ 115	\$ 3,250 2 10 12	Hourly Subtotal 5 10 12 5 9 4	Subtotal Cos           \$         1,7           \$         1,8           \$         1,7           \$         1,7           \$         7           \$         7
35	Cost Construction Documents Coordinating final deliverable Updating final deliverable Inal specifications Cale package Cale Review cost Estimate by others	ş .	\$ 190	\$ 2,625	\$ 6,370 1 8 2 3 8 8 1	\$ 115	\$ 3,250 2 10	Hourly Subtotal 5 10 12 5 9 4 2	Subtotal Cos           \$         7           \$         1,3           \$         1,5           \$         6           \$         1,7
35	Cost Construction Documents Coordinating final deliverable Updating final design Final specifications Cate package Cate package Cate package Cate Cate package Cate Cate package Cate Cate package Cate Cate Cate Cate Cate Cate Cate Cate	ş .	\$ 190	\$ 2,625	\$ 6,370 1 8 2 3 3 8 9 1 2 3 2 1 2 3	\$ 115	\$ 3,250 2 10 12	Hourly Subtotal 10 12 5 9 4 2 47 47	Subtotal Cos           \$         1,3           \$         1,5           \$         1,2           \$         1,2           \$         7           \$         3
	Cost Construction Documents Coordinating final deliverable Updating final design Final drawings Final specifications Calc package QC Review cost Estimate by others Hourly Subtotal Cost	\$ - -	\$ 190	\$ 2,625	\$ 6,370 1 8 2 3 3 8 9 1 2 3 2 1 2 3	\$ 115	\$ 3,250 2 10 12	Hourly Subtotal 5 10 12 5 9 4 4 2 47 Hourly	Subtotal Cos           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;
	Cost Construction Documents Coordinating final deliverable Updating final deliverable Tinal specifications Calicy package QC Review cost Estimate by others Hourly Subtotal Cost Compliance Review and Permin	\$ - -	\$ 190	\$ 2,625	\$ 6,370 1 8 2 3 3 8 9 1 2 3 2 1 2 3	\$ 115	\$ 3,250 2 10 12	Hourly Subtotal 10 12 5 9 4 2 47 47	Subtotal Cos           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;
	Cost Construction Documents Coordinating final deliverable Updating final design Final drawings Final specifications Calc package QC Review cost Estimate by others Hourly Subtotal Cost	\$ - -	\$ 190	\$ 2,625	\$ 6,370 1 8 2 3 3 8 9 1 2 3 2 1 2 3	\$ 115	\$ 3,250 2 10 12	Hourly Subtotal 5 10 12 5 9 4 4 2 47 Hourly	Subtotal Cos           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         6,5           Subtotal Cos         5
	Cost Construction Documents Coordinating final deliverable Updating final deliverable Final gravings Final specifications Calc package QC Review cost Estimate by others Hourly Subtotal Cost Compliance Review and Permi SoA Fire Marshal review responses	\$ - -	\$ 190	\$ 2,625	\$ 6,370 1 8 2 3 3 8 9 1 2 3 2 1 2 3	\$ 115	\$ 3,250 2 10 12	Hourly Subtotal 5 10 12 5 9 4 4 2 47 Hourly Subtotal	Subtotal Cos \$ 1,2 \$ 1,2 \$ 1,5 \$ 6 \$ 1,2 \$ 2,7 \$ 3,2 \$ 3,2 \$ 5,5 \$ 5,
	Cost Construction Documents Coordinating final deliverable Updsting final design Final specifications Calk package QC Review cost Estimate by others Hourly Subtotal Cost Compliance Review and Permit SoA Fire Marshal review responses Stagway municipal permit support	\$   \$	\$ 190 1 1 5 190	\$ 2,625 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ 6,370 1 1 8 2 3 8 1 1 2 3 \$ 2,990 4 4 2 2	\$ 115 	\$ 3,250 2 10 10 12 5 1,500	Hourly Subtotal 5 10 12 5 9 4 4 2 47 47 47 47 5 bbtotal 6 6 3	Subtotal Cos           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         6;           \$         6;           \$         6;           \$         6;           \$         6;           \$         6;           \$         6;           \$         6;
	Cost Construction Documents Coordinating final deliverable Updating final deliverable Inal drawings Final specifications Calc package OCC Review cost Estimate by others Hourty Subtotal Cost Compliance Review rand Permit SoA Fire Marshal review responses Skagway municipal permit support Hourty Subtotal	\$ - -	\$ 190 1 1 5 190	\$ 2,625 1 1 2 1 1 1 4 1 10 5 1,750 2 1 3 3	\$ 6,370 1 1 8 2 3 3 8 1 2 3 3 8 1 2 3 3 8 1 2 3 3 8 1 2 2 3 3 8 8 1 2 2 3 3 8 8 1 2 2 3 3 8 8 2 2 3 3 8 8 2 2 3 3 8 8 2 2 2 3 8 8 2 2 2 3 8 8 2 2 2 3 8 8 2 2 2 3 8 8 2 2 2 3 8 8 2 2 2 3 8 8 2 2 2 3 8 8 2 2 2 3 8 8 2 2 2 3 8 8 2 2 2 3 8 8 2 2 2 3 8 8 2 2 2 3 8 8 8 2 2 2 3 8 8 8 8 8 2 2 2 9 9 0 2 2 2 3 8 8 8 2 2 9 9 0 2 2 2 9 9 0 2 2 2 9 9 0 2 2 2 9 9 0 1 2 2 2 9 9 0 1 2 2 2 9 9 0 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ 115 1 1 5 115 1 5 115 0	\$ 3,250 2 10 10 12 5 1,500	Hourly Subtotal 5 10 12 5 9 4 2 2 47 Hourly Subtotal 6	Subtotal Cos           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         5;           \$         5;           \$         6;           \$         5;           \$         5;           \$         5;           \$         5;
	Cost Construction Documents Coordinating final deliverable Updsting final design Final specifications Calk package QC Review cost Estimate by others Hourly Subtotal Cost Compliance Review and Permit SoA Fire Marshal review responses Stagway municipal permit support	\$   \$	\$ 190 1 1 5 190	\$ 2,625 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ 6,370 1 1 8 2 3 8 1 1 2 3 \$ 2,990 4 4 2 2	\$ 115 1 1 5 115 1 5 115 0	\$ 3,250 2 10 10 12 5 1,500	Hourly Subtotal 5 10 12 5 9 4 4 2 47 47 47 47 5 bbtotal 6 6 3	Subtotal Cos           \$         1,3           \$         1,5           \$         1,2           \$         6,5           \$         6,5           \$         6,5           \$         6,5           \$         6,5           \$         6,5           \$         6,5           \$         6,5           \$         6,5
	Cost Construction Documents Coordinating final deliverable Updating final deliverable Inal drawings Final specifications Calc package OCC Review cost Estimate by others Hourty Subtotal Cost Compliance Review rand Permit SoA Fire Marshal review responses Skagway municipal permit support Hourty Subtotal	\$   \$	\$ 190 1 1 5 190	\$ 2,625 1 1 2 1 1 1 4 1 10 5 1,750 2 1 3 3	\$ 6,370 1 1 8 2 3 3 8 1 2 3 3 8 1 2 3 3 8 1 2 3 3 8 1 2 2 3 3 8 8 1 2 2 3 3 8 8 1 2 2 3 3 8 8 2 2 3 3 8 8 2 2 3 3 8 8 2 2 2 3 8 8 2 2 2 3 8 8 2 2 2 3 8 8 2 2 2 3 8 8 2 2 2 3 8 8 2 2 2 3 8 8 2 2 2 3 8 8 2 2 2 3 8 8 2 2 2 3 8 8 2 2 2 3 8 8 2 2 2 3 8 8 2 2 2 3 8 8 8 2 2 2 3 8 8 8 8 8 2 2 2 9 9 0 2 2 2 3 8 8 8 2 2 9 9 0 2 2 2 9 9 0 2 2 2 9 9 0 2 2 2 9 9 0 1 2 2 2 9 9 0 1 2 2 2 9 9 0 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ 115 1 1 5 115 1 5 115 0	\$ 3,250 2 10 10 12 5 1,500	Hourly Subtotal 5 100 12 9 9 4 2 47 47 Hourly Subtotal 6 3 9 9	Subtotal Cos           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         5;           \$         5;           \$         6;           \$         5;           \$         5;           \$         5;           \$         5;
73	Cost Construction Documents Coordinating final deliverable Updating final deliverable Tinal drawings Final specifications Calci package QC Review cost Estimate by others Hourly Subtotal Cost Stagway municipal permit support Hourly Subtotal Cost	\$   \$	\$ 190 1 1 5 190	\$ 2,625 1 1 2 1 1 1 4 1 10 5 1,750 2 1 3 3	\$ 6,370 1 1 8 2 3 3 8 1 2 3 3 8 1 2 3 3 8 1 2 3 3 8 1 2 2 3 3 8 8 1 2 2 3 3 8 8 1 2 2 3 3 8 8 2 2 3 3 8 8 2 2 3 3 8 8 2 2 2 3 8 8 2 2 2 3 8 8 2 2 2 3 8 8 2 2 2 3 8 8 2 2 2 3 8 8 2 2 2 3 8 8 2 2 2 3 8 8 2 2 2 3 8 8 2 2 2 3 8 8 2 2 2 3 8 8 2 2 2 3 8 8 2 2 2 3 8 8 8 2 2 2 3 8 8 8 8 8 2 2 2 9 9 0 2 2 2 3 8 8 8 2 2 9 9 0 2 2 2 9 9 0 2 2 2 9 9 0 2 2 2 9 9 0 1 2 2 2 9 9 0 1 2 2 2 9 9 0 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ 115 1 1 5 115 1 5 115 0	\$ 3,250 2 10 10 12 5 1,500	Hourly Subtotal 5 100 12 5 9 4 2 47 4 2 47 47 5 Ubtotal 6 3 3 9 9 4 4 2 47 10 10 10 12 12 12 10 10 10 10 10 12 12 5 10 10 10 10 12 12 12 12 12 12 12 12 12 12 12 12 12	Subtotal Cos           \$         1;1           \$         1;1           \$         1;1           \$         1;1           \$         1;1           \$         1;1           \$         1;1           \$         1;1           \$         1;1           \$         1;1
73	Cost Construction Documents Coordinating final deliverable Updating final deliverable Updating final deliverable Tenal drawings Final specifications Calc package OC Review cost Estimate by others Houry Subtoal Cost Compliance Review and Permit SoA Fire Marshal review responses Skagway municipal permit support Houry Subtotal Cost Bid Phase Services	\$   \$	\$ 190 1 1 5 190	\$ 2,625 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ 6,370 1 1 8 2 3 8 1 1 2 3 5 2,990 4 4 2 6 5 780	\$ 115 1 1 5 115 1 5 115 0	\$ 3,250 2 10 10 12 5 1,500	Hourly Subtotal 5 100 12 9 9 4 2 47 47 Hourly Subtotal 6 3 9 9	Subtotal Cos           \$         1;           \$         1;           \$         1;           \$         1;           \$         0;           \$         1;           \$         0;           \$         1;           \$         1;           \$         0;           \$         0;           \$         0;           \$         0;           \$         0;           \$         0;           \$         0;           \$         0;           \$         0;           \$         0;           \$         0;           \$         0;           \$         0;           \$         0;
73	Cost Construction Documents Coordinating final deliverable Updating final deliverable Tinal drawings Final specifications Calci package QC Review cost Estimate by others Hourly Subtotal Cost Stagway municipal permit support Hourly Subtotal Cost	\$   \$	\$ 190 1 1 5 190	\$ 2,625 1 1 2 1 1 1 4 1 10 5 1,750 2 1 3 3	\$ 6,370 1 1 8 2 3 3 3 8 - 1 2 3 5 2,990 - 4 2 5 780 8 8 8 8 - - - - - - - - - - - - -	\$ 115 1 1 5 115 1 5 115 0	\$ 3,250 2 10 10 10 10 10 10 10 10 10 10	Hourly Subtotal 5 10 12 5 9 4 2 47 7 47 47 47 5 butotal 6 3 9 9 Hourly Subtotal	Subtotal Cos           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;
73	Cost Construction Documents Coordinating final deliverable Updating final deliverable Updating final deliverable Updating final deliverable Cale package Cale package Cale package Cale package Compliance Stimate by others Hourly Subtotal Cost Compliance Review and Permit SoA Fire Marshal review responses Skagway municipal permit support Hourly Subtotal Cost Bid Phase Services Bid questions and addenda Conformed documents Conformed documents	\$   \$	\$ 190 1 1 1 1 5 190 0 5 -	\$ 2,625 1 1 1 2 1 1 1 1 4 4 1 1 0 5 1,750 2 1 3 5 525 2 2	\$ 6,370 1 1 8 2 3 8 1 1 23 8 2,390 4 2 5 2,990 4 5 780 8 2 8 2 2 9 1 1 2 2 2 3 8 8 2 2 2 9 1 2 2 2 2 3 8 8 2 2 2 3 8 8 1 2 2 2 3 8 8 8 1 2 2 2 3 8 8 8 8 8 8 8 8 8 8 8 8 8	\$ 115 1 1 1 1 5 115 0 5 -	\$ 3,250 2 10 10 12 5 1,500	Hourly Subtotal 5 10 12 5 9 4 4 2 47 47 47 47 5 9 4 47 5 9 4 7 47 5 9 4 7 9 4 7 9 9 4 9 9 4 10 9 9 10 10 12 5 9 9 4 4 7 7 10 10 12 12 5 9 9 9 4 4 7 7 10 10 12 12 12 12 10 10 12 12 12 10 10 10 12 12 12 10 10 12 12 10 10 10 10 12 12 10 10 10 12 12 10 10 10 10 10 10 10 10 10 10 10 10 10	Subtotal Cos           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;
73	Cost Construction Documents Coordinating final deliverable Updating final deliverable Updating final design Final gravings Calc package QC Review cost Estimate by others Hourly Subtotal Cost Compliance Review and Permi SoA Fire Marshal review responses Slagaway municipal permit support Hourly Subtotal Cost Bid Phase Services Bid questions and addenda	5	\$ 190 1 1 1 1 5 190 0 5 -	\$ 2,625 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ 6,370 1 1 8 2 3 3 8 1 1 2 3 5 2,990 4 2 6 5 780 8 2 1 1 2 3 5 2,990 1 1 2 2 1 1 2 2 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2	\$ 115 1 1 1 5 115 0 5 -	\$ 3,250 2 10 10 10 10 10 10 10 10 10 10	Hourly Subtotal 5 9 4 2 4 7 4 7 4 7 5 4 5 4 5 4 7 6 3 9 9 4 7 7 10 10 10 10 10 10 10 10 10 10 10 10 10	Subtotal Cos           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;
73	Cost Construction Documents Coordinating final deliverable Updating final deliverable Updating final design Final specifications Calc package QC Review cost Estimate by others Hourty Subtolal Cost Compliance Review ranponses Slagway municipal permit support Hourty Subtolal Cost Bild Phase Services Bild questions and addenda Conformed documents Hourty Schotal Conformed documents	\$ 	\$ 190 1 1 1 5 190 1 5 190 0 5 - 0 0 5 - 0 0 0 0 0 0 0 0 0 0 0 0 0	\$ 2,625 1 1 1 2 1 1 1 4 1 1 0 5 1,750 2 1 3 \$ 525 2 2 1 3 3 3 3	\$ 6,370 1 1 8 2 3 3 8 1 1 2 3 5 2,990 4 2 6 5 780 8 2 1 1 2 3 5 2,990 1 1 2 2 1 1 2 2 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2	\$ 115 1 1 1 5 115 0 5 -	\$ 3,250 2 10 10 10 5 1,500 5 - 6 6 6 6	Hourly Subtotal 5 10 12 5 9 4 4 2 47 7 Hourly Subtotal 6 3 3 9 9 Hourly Subtotal 10 12 9 9 10 12 12 12 12 12 12 12 12 12 12 12 12 12	Subtotal Cos           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;
73	Cost Construction Documents Coordinating final deliverable Updating final deliverable Updating final design Final specifications Calc package QC Review cost Estimate by others Hourty Subtolal Cost Compliance Review ranponses Slagway municipal permit support Hourty Subtolal Cost Bild Phase Services Bild questions and addenda Conformed documents Hourty Schotal Conformed documents	\$ 	\$ 190 1 1 1 5 190 1 5 190 0 5 - 0 0 5 - 0 0 0 0 0 0 0 0 0 0 0 0 0	\$ 2,625 1 1 1 2 1 1 1 4 1 1 0 5 1,750 2 1 3 \$ 525 2 2 1 3 3 3 3	\$ 6,370 1 1 8 2 3 3 8 1 1 2 3 5 2,990 4 2 6 5 780 8 2 1 1 2 3 5 2,990 1 1 2 2 1 1 2 2 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2	\$ 115 1 1 1 5 115 0 5 -	\$ 3,250 2 10 10 10 5 1,500 5 - 6 6 6 6	Hourly Subtotal 10 12 5 9 4 4 2 47 4 7 47 4 7 5 9 4 4 6 3 9 9 4 9 19 19 19 19	Subtotal Cos           \$         1,1;           \$         1,1;           \$         1,1;           \$         1,1;           \$         1,1;           \$         1,1;           \$         1,1;           \$         1,1;           \$         1,1;           \$         1,2;           \$         1,2;           \$         1,2;           \$         1,2;           \$         1,2;           \$         1,2;           \$         1,2;           \$         2,2;
73	Cost Construction Documents Coordinating final deliverable Updating final deliverable Updating final design Final specifications Calc package QC Review cost Estimate by others Hourty Subtolal Cost Compliance Review ranponses Slagway municipal permit support Hourty Subtolal Cost Bild Phase Services Bild questions and addenda Conformed documents Hourty Schotal Conformed documents	\$ 	\$ 190 1 1 1 5 190 1 5 190 0 5 - 0 0 5 - 0 0 0 0 0 0 0 0 0 0 0 0 0	\$ 2,625 1 1 1 2 1 1 1 4 1 1 0 5 1,750 2 1 3 \$ 525 2 2 1 3 3 3 3	\$ 6,370 1 1 8 2 3 3 8 1 1 2 3 5 2,990 4 2 6 5 780 8 2 1 1 2 3 5 2,990 1 1 2 2 1 1 2 2 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2	\$ 115 1 1 1 5 115 0 5 -	\$ 3,250 2 10 10 10 5 1,500 5 - 6 6 6 6	Hourly Subtotal 5 10 12 5 9 4 4 2 47 7 Hourly Subtotal 6 3 3 9 9 Hourly Subtotal 10 12 9 9 10 12 12 12 12 12 12 12 12 12 12 12 12 12	Subtotal Cos           \$         1,1;           \$         1,1;           \$         1,1;           \$         1,1;           \$         1,1;           \$         1,1;           \$         1,1;           \$         1,1;           \$         1,1;           \$         1,2;           \$         1,2;           \$         1,2;           \$         1,2;           \$         1,2;           \$         1,2;           \$         1,2;           \$         2,2;
73	Cost Construction Documents Coordinating final deliverable Updating final deliverable Updating final design Final specifications Calc package QC Review cost Estimate by others Hourty Subtola Cost Compliance Review ranponses Slagway municipal permit support Hourty Subtola Cost Bid Phase Services Bid questions and addenda Conformed documents Hourty Schotal Conformed documents Hourty Schotal Conformed documents Hourty Schotal Cost	\$ 	\$ 190 1 1 1 5 190 1 5 190 0 5 - 0 0 5 - 0 0 0 0 0 0 0 0 0 0 0 0 0	\$ 2,625 1 1 1 2 1 1 1 4 1 1 0 5 1,750 2 1 3 \$ 525 2 2 1 3 3 3	\$ 6,370 1 1 8 2 3 3 8 1 1 2 3 5 2,990 4 2 6 5 780 8 2 1 1 2 3 5 2,990 1 1 2 2 1 1 2 2 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2	\$ 115 1 1 1 5 115 0 5 -	\$ 3,250 2 10 10 10 5 1,500 5 - 6 6 6 6	Hourly Subtotal 10 12 5 9 4 4 2 47 4 7 47 4 7 5 9 4 4 6 3 9 9 4 9 19 19 19 19	Subtotal Cos           \$         1,1;           \$         1,1;           \$         1,1;           \$         1,1;           \$         1,1;           \$         1,1;           \$         1,1;           \$         1,1;           \$         1,1;           \$         1,2;           \$         1,2;           \$         1,2;           \$         1,2;           \$         1,2;           \$         1,2;           \$         1,2;           \$         2,2;
73	Cost Construction Documents Coordinating final deliverable Updating final deliverable Updating final design Final specifications Calc package QC Review cost Estimate by others Hourty Subtola Cost Compliance Review ranponses Slagway municipal permit support Hourty Subtola Cost Bid Phase Services Bid questions and addenda Conformed documents Hourty Schotal Conformed documents Hourty Schotal Conformed documents Hourty Schotal Cost	\$ 	\$ 190 1 1 1 5 190 1 5 190 0 5 - 0 0 5 - 0 0 0 0 0 0 0 0 0 0 0 0 0	\$ 2,625 1 1 1 2 1 1 1 4 1 1 0 5 1,750 2 1 3 \$ 525 2 2 1 3 3 3	\$ 6,370 1 1 8 2 3 3 8 1 1 2 3 5 2,990 4 2 6 5 780 8 2 1 1 2 3 5 2,990 1 1 2 2 1 1 2 2 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2	\$ 115 1 1 1 5 115 0 5 -	\$ 3,250 2 10 10 10 5 1,500 5 - 6 6 6 6	Hourly Subtotal 10 12 5 9 4 4 2 47 4 7 47 4 7 5 9 4 4 6 3 9 9 4 9 19 19 19 19	Subtotal Cos           \$         1,1;           \$         1,1;           \$         1,1;           \$         1,1;           \$         1,1;           \$         1,1;           \$         1,1;           \$         1,1;           \$         1,1;           \$         1,2;           \$         1,2;           \$         1,2;           \$         1,2;           \$         1,2;           \$         1,2;           \$         1,2;           \$         2,2;
73	Cost Construction Documents Coordinating final deliverable Updating final deliverable Updating final design Final specifications Calc package QC Review cost Estimate by others Hourty Subtola Cost Compliance Review ranponses Slagway municipal permit support Hourty Subtola Cost Bid Phase Services Bid questions and addenda Conformed documents Hourty Schotal Conformed documents Hourty Schotal Conformed documents Hourty Schotal Cost	\$ 	\$ 190 1 1 1 5 190 1 5 190 0 5 - 0 0 5 - 0 0 0 0 0 0 0 0 0 0 0 0 0	\$ 2,625 1 1 1 2 1 1 1 4 1 1 0 5 1,750 2 1 3 \$ 525 2 2 1 3 3 3	\$ 6,370 1 1 8 2 3 3 8 1 1 2 3 5 2,990 4 2 6 5 780 8 2 1 1 2 3 5 2,990 1 1 2 2 1 1 2 2 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2	\$ 115 1 1 1 5 115 0 5 -	\$ 3,250 2 10 10 10 5 1,500 5 - 6 6 6 6	Hourly Subtotal 10 12 5 9 4 4 2 47 4 7 47 4 7 5 9 4 4 6 3 9 9 4 9 19 19 19 19	Subtotal Cos           \$         1,1;           \$         1,1;           \$         1,1;           \$         1,1;           \$         1,1;           \$         1,1;           \$         1,1;           \$         1,1;           \$         1,1;           \$         1,2;           \$         1,2;           \$         1,2;           \$         1,2;           \$         1,2;           \$         1,2;           \$         1,2;           \$         2,2;
73	Cost Construction Documents Coordinating final deliverable Updating final deliverable Updating final design Final specifications Calc package QC Review cost Estimate by others Hourty Subtola Cost Compliance Review ranponses Slagway municipal permit support Hourty Subtola Cost Bid Phase Services Bid questions and addenda Conformed documents Hourty Schotal Conformed documents Hourty Schotal Conformed documents Hourty Schotal Cost	\$ 	\$ 190 1 1 1 5 190 1 5 190 0 5 - 0 0 5 - 0 0 0 0 0 0 0 0 0 0 0 0 0	\$ 2,625 1 1 1 2 1 1 1 4 1 1 0 5 1,750 2 1 3 \$ 525 2 2 1 3 3 3	\$ 6,370 1 1 8 2 3 3 8 1 1 2 3 5 2,990 4 2 6 5 780 8 2 1 1 2 3 5 2,990 1 1 2 2 1 1 2 2 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2	\$ 115 1 1 1 5 115 0 5 -	\$ 3,250 2 10 10 10 5 1,500 5 - 6 6 6 6	Hourly Subtotal 5 10 122 5 9 4 2 2 47 7 47 5 47 5 47 5 47 5 47 5 47	Subtotal Cor           \$         1,1           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         5           \$         5           \$         5           \$         5           \$         5           \$         1,2           \$         5           \$         5           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         2,2
73	Cost Construction Documents Coordinating final deliverable Updating final deliverable Updating final design Final specifications Calc package QC Review cost Estimate by others Hourty Subtola Cost Compliance Review ranponses Slagway municipal permit support Hourty Subtola Cost Bid Phase Services Bid questions and addenda Conformed documents Hourty Schotal Conformed documents Hourty Schotal Conformed documents Hourty Schotal Cost	\$ 	\$ 190 1 1 1 5 190 1 5 190 0 5 - 0 0 5 - 0 0 0 0 0 0 0 0 0 0 0 0 0	\$ 2,625 1 1 1 2 1 1 1 4 1 1 0 5 1,750 2 1 3 \$ 525 2 2 1 3 3 3	\$ 6,370 1 1 8 2 3 3 8 1 1 2 3 5 2,990 4 2 6 5 780 8 2 1 1 2 3 5 2,990 1 1 2 2 1 1 2 2 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2	\$ 115 1 1 1 5 115 0 5 -	\$ 3,250 2 10 10 10 5 1,500 5 - 6 6 6 6	Hourly Subtotal 10 12 5 9 4 4 2 47 4 7 47 4 7 5 9 4 4 6 3 9 9 4 9 19 19 19 19	Subtotal Cor           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2
73	Cost Construction Documents Coordinating final deliverable Updating final deliverable Updating final design Final specifications Calc package QC Review cost Estimate by others Hourty Subtola Cost Compliance Review ranponses Slagway municipal permit support Hourty Subtola Cost Bid Phase Services Bid questions and addenda Conformed documents Hourty Schotal Conformed documents Hourty Schotal Conformed documents Hourty Schotal Cost	\$ 	\$ 190 1 1 1 5 190 1 5 190 0 5 - 0 0 5 - 0 0 0 0 0 0 0 0 0 0 0 0 0	\$ 2,625 1 1 1 2 1 1 1 4 1 1 0 5 1,750 2 1 3 \$ 525 2 2 1 3 3 3	\$ 6,370 1 1 8 2 3 3 8 1 1 2 3 5 2,990 4 2 6 5 780 8 2 1 1 2 3 5 2,990 1 1 2 2 1 1 2 2 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2	\$ 115 1 1 1 5 115 0 5 -	\$ 3,250 2 10 10 10 5 1,500 5 - 6 6 6 6	Hourly Subtotal 5 10 122 5 9 4 2 2 47 7 47 5 47 5 47 5 47 5 47 5 47	Subtotal Cor           \$         1,1           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         5           \$         5           \$         5           \$         5           \$         5           \$         1,2           \$         5           \$         5           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         2,2
73	Cost Construction Documents Coordinating final deliverable Updating final deliverable Updating final design Final specifications Calc package QC Review cost Estimate by others Hourty Subtola Cost Compliance Review ranponses Slagway municipal permit support Hourty Subtola Cost Bid Phase Services Bid questions and addenda Conformed documents Hourty Schotal Conformed documents Hourty Schotal Conformed documents Hourty Schotal Cost	\$ 	\$ 190 1 1 1 5 190 1 5 190 0 5 - 0 0 5 - 0 0 0 0 0 0 0 0 0 0 0 0 0	\$ 2,625 1 1 1 2 1 1 1 4 1 1 0 5 1,750 2 1 3 \$ 525 2 2 1 3 3 3 3	\$ 6,370 1 1 8 2 3 3 8 1 1 2 3 5 2,990 4 2 6 5 780 8 2 1 1 2 3 5 2,990 1 1 2 2 1 1 2 2 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2	\$ 115 1 1 1 5 115 0 5 -	\$ 3,250 2 10 10 10 5 1,500 5 - 6 6 6 6	Hourly Subtotal 5 9 9 4 4 2 47 Hourly Subtotal 6 3 9 9 Hourly Subtotal 10 9 9 9 9 19 Hourly Subtotal 10 0 9 9 0 9 0 0 0 0 0 0 0 0 0 0 0 0 0	Subtotal Cor           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2
37	Cost Construction Documents Coordinating final deliverable Updating final deliverable Updating final design Final specifications Calc package QC Review cost Estimate by others Hourty Subtola Cost Compliance Review ranponses Slagway municipal permit support Hourty Subtola Cost Bid Phase Services Bid questions and addenda Conformed documents Hourty Schotal Conformed documents Hourty Schotal Conformed documents Hourty Schotal Cost	\$ 	\$ 190 1 1 1 5 190 1 5 190 0 5 - 0 0 5 - 0 0 0 0 0 0 0 0 0 0 0 0 0	\$ 2,625 1 1 1 2 1 1 1 4 1 1 0 5 1,750 2 1 3 \$ 525 2 2 1 3 3 3 3	\$ 6,370 1 1 8 2 3 3 8 1 1 2 3 5 2,990 4 2 6 5 780 8 2 1 1 2 3 5 2,990 1 1 2 2 1 1 2 2 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2	\$ 115 1 1 1 5 115 0 5 -	\$ 3,250 2 10 10 10 5 1,500 5 - 6 6 6 6	Hourly Subtotal 5 10 12 5 9 4 4 2 47 47 47 47 47 5 9 9 4 7 5 ubtotal 10 9 9 19 19 19 19 19 0 19 0 0 0 0 0 0	Subtotal Cor           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         2;/           Subtotal Cos         \$           \$         1;           \$         2;/           \$         2;/           \$         5           \$         5
37	Cost Construction Documents Coordinating final deliverable Updating final deliverable Updating final design Final specifications Calc package QC Review cost Estimate by others Hourty Subtola Cost Compliance Review ranponses Slagway municipal permit support Hourty Subtola Cost Bid Phase Services Bid questions and addenda Conformed documents Hourty Schotal Conformed documents Hourty Schotal Conformed documents Hourty Schotal Cost	\$ 	\$ 190 1 1 1 5 190 1 5 190 0 5 - 0 0 5 - 0 0 0 0 0 0 0 0 0 0 0 0 0	\$ 2,625 1 1 1 2 1 1 1 4 1 1 0 5 1,750 2 1 3 \$ 525 2 2 1 3 3 3 3	\$ 6,370 1 1 8 2 3 3 8 1 1 2 3 5 2,990 4 2 6 5 780 8 2 1 1 2 3 5 2,990 1 1 2 2 1 1 2 2 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2	\$ 115 1 1 1 5 115 0 5 -	\$ 3,250 2 10 10 10 5 1,500 5 - 6 6 6 6	Hourly Subtotal 10 12 5 9 4 2 47 7 Hourly Subtotal 6 3 3 9 9 10 Hourly Subtotal 10 9 9 19 10 19 10 10 10 2 47 7 10 10 12 2 47 7 10 10 12 2 47 10 10 12 2 47 10 10 12 2 47 10 10 12 2 47 10 10 12 2 47 10 10 12 2 47 10 10 12 2 47 10 10 12 2 47 10 10 12 2 47 10 10 12 2 47 10 10 10 12 2 47 10 10 10 12 2 47 10 10 12 2 47 10 10 10 10 10 10 10 10 10 10 10 10 10	Subtotal Cor           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         2;/           Subtotal Cos         \$           \$         1;           \$         2;/           \$         2;/           \$         5           \$         5
37	Cost Construction Documents Coordinating final deliverable Updating final deliverable Updating final design Final specifications Calc package QC Review cost Estimate by others Hourty Subtola Cost Compliance Review ranponses Slagway municipal permit support Hourty Subtola Cost Bid Phase Services Bid questions and addenda Conformed documents Hourty Schotal Conformed documents Hourty Schotal Conformed documents Hourty Schotal Cost	\$ 	\$ 190 1 1 1 5 190 1 5 190 0 5 - 0 0 5 - 0 0 0 0 0 0 0 0 0 0 0 0 0	\$ 2,625 1 1 1 2 1 1 1 4 1 1 0 5 1,750 2 1 3 \$ 525 2 2 1 3 3 3 3	\$ 6,370 1 1 8 2 3 3 8 1 1 2 3 5 2,990 4 2 6 5 780 8 2 1 1 2 3 5 2,990 1 1 2 2 1 1 2 2 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2	\$ 115 1 1 1 5 115 0 5 -	\$ 3,250 2 10 10 10 5 1,500 5 - 6 6 6 6	Hourly <u>Subtotal</u> 5 10 12 5 9 4 2 47 7 47 47 47 47 47 47 47 47	Subtotal Cor           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         2;/           Subtotal Cos         \$           \$         1;           \$         2;/           \$         2;/           \$         5           \$         5
37	Cost Construction Documents Coordinating final deliverable Updating final deliverable Updating final design Final specifications Calc package QC Review cost Estimate by others Hourty Subtola Cost Compliance Review ranponses Slagway municipal permit support Hourty Subtola Cost Bid Phase Services Bid questions and addenda Conformed documents Hourty Schotal Conformed documents Hourty Schotal Conformed documents Hourty Schotal Cost	\$ 	\$ 190 1 1 1 5 190 1 5 190 0 5 - 0 0 5 - 0 0 0 0 0 0 0 0 0 0 0 0 0	\$ 2,625 1 1 1 2 1 1 1 4 1 1 0 5 1,750 2 1 3 \$ 525 2 2 1 3 3 3 3	\$ 6,370 1 1 8 2 3 3 8 1 1 2 3 5 2,990 4 2 6 5 780 8 2 1 1 2 3 5 2,990 1 1 2 2 1 1 2 2 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2	\$ 115 1 1 1 5 115 0 5 -	\$ 3,250 2 10 10 10 5 1,500 5 - 6 6 6 6	Hourly Subtotal 10 12 5 9 4 2 47 7 Hourly Subtotal 6 3 3 9 9 10 Hourly Subtotal 10 9 9 19 10 19 10 10 10 2 47 7 10 10 12 2 47 7 10 10 12 2 47 10 10 12 2 47 10 10 12 2 47 10 10 12 2 47 10 10 12 2 47 10 10 12 2 47 10 10 12 2 47 10 10 12 2 47 10 10 12 2 47 10 10 12 2 47 10 10 10 12 2 47 10 10 10 12 2 47 10 10 12 2 47 10 10 10 10 10 10 10 10 10 10 10 10 10	Subtotal Cos           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         1;           \$         2;           \$         2;           \$         2;
73	Cost Construction Documents Coordinating final deliverable Updating final deliverable Updating final design Final specifications Calc package QC Review cost Estimate by others Hourty Subtola Cost Compliance Review rasponses Slagway municipal permit support Hourty Subtola Cost Bid Phase Services Bid questions and addenda Conformed documents Hourty Schotal Conformed documents Hourty Schotal Conformed documents Hourty Schotal Cost	\$ 	\$ 190 1 1 1 5 190 1 5 190 0 5 - 0 0 5 - 0 0 0 0 0 0 0 0 0 0 0 0 0	\$ 2,625 1 1 1 2 1 1 1 4 1 1 0 5 1,750 2 1 3 \$ 525 2 2 1 3 3 3 3	\$ 6,370 1 1 8 2 3 3 8 1 1 2 3 5 2,990 4 2 6 5 780 8 2 1 1 2 3 5 2,990 1 1 2 2 1 1 2 2 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2	\$ 115 1 1 1 5 115 0 5 -	\$ 3,250 2 10 10 10 5 1,500 5 - 6 6 6 6	Hourly Subtotal 5 10 12 5 9 4 2 47 7 47 7 5 9 4 47 7 5 9 47 7 5 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	Subtotal Cos           \$         7.7           \$         7.1           \$         1,1           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         2,1           \$         2,2           \$         2,2           \$         2,2           \$         2,2           \$         2,2           \$         2,2           \$         2,2           \$         2,3           \$         3,3
37	Cost Construction Documents Coordinating final deliverable Updating final deliverable Updating final design Final specifications Calc package QC Review cost Estimate by others Hourty Subtola Cost Compliance Review rasponses Slagway municipal permit support Hourty Subtola Cost Bid Phase Services Bid questions and addenda Conformed documents Hourty Schotal Conformed documents Hourty Schotal Conformed documents Hourty Schotal Cost	\$ 	\$ 190 1 1 1 5 190 1 5 190 0 5 - 0 0 5 - 0 0 0 0 0 0 0 0 0 0 0 0 0	\$ 2,625 1 1 1 2 1 1 1 4 1 1 0 5 1,750 2 1 3 \$ 525 2 2 1 3 3 3 3	\$ 6,370 1 1 8 2 3 3 8 1 1 2 3 5 2,990 4 2 6 5 780 8 2 1 1 2 3 5 2,990 1 1 2 2 1 1 2 2 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2	\$ 115 1 1 1 5 115 0 5 -	\$ 3,250 2 10 10 10 5 1,500 5 - 6 6 6 6	Hourly <u>Subtotal</u> 5 10 12 5 9 4 2 47 7 8 10 10 12 5 9 9 4 2 47 7 8 10 12 10 12 10 12 10 12 10 10 12 10 10 12 10 10 12 10 10 10 10 10 10 10 10 10 10	Subtotal Cos           \$         7           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         2,7           \$         2,7           \$         5,6,5           \$         5,6,5           \$         5,6,5           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,3           \$         2,1           \$         2,2,5           \$         2,3           \$         2,4           \$         2,5           \$         2,5           \$         2,5           \$         2,5           \$         2,5
37	Cost Construction Documents Coordinating final deliverable Updating final deliverable Updating final deliverable Updating final deliverable Cale package Cale package Cale package Compliance Review and Permit SoA Fire Marshal review responses Skagway municipal permit support Hourly Subtotal Cost Bid Phase Services Bid questions and addenda Conformed documents Hourly Subtotal Cost	\$ 	\$ 190 1 1 1 5 190 1 5 190 0 5 - 0 0 5 - 0 0 0 0 0 0 0 0 0 0 0 0 0	\$ 2,625 1 1 1 2 1 1 1 4 1 1 0 5 1,750 2 1 3 \$ 525 2 2 1 3 3 3 3	\$ 6,370 1 1 8 2 3 3 8 1 1 2 3 5 2,990 4 2 6 5 780 8 2 1 1 2 3 5 2,990 1 1 2 2 1 1 2 2 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2	\$ 115 1 1 1 5 115 0 5 -	\$ 3,250 2 10 10 10 5 1,500 5 - 6 6 6 6	Hourly <u>Subtotal</u> 5 10 12 5 9 4 2 47 7 8 10 10 12 5 9 9 4 2 47 7 8 10 12 10 12 10 12 10 12 10 10 12 10 10 12 10 10 12 10 10 10 10 10 10 10 10 10 10	Subtotal Cos           \$         7.7           \$         7.1           \$         1,1           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         1,2           \$         2,1           \$         2,2           \$         2,2           \$         2,2           \$         2,2           \$         2,2           \$         2,2           \$         2,3           \$         2,4

#### 11/29/2021

#### MECHANICAL ENGINEERING

	TASK Billing Rate (\$/hr)	Principal Mechanical Engineer \$250.00	Senior Mechanical Engineer \$180.00	Lead Mechanical Engineer \$165.00	Staff Mechanical Engineer \$130.00	Technical Editor \$115.00	Lead Engineering Technician \$110.00		
22	35% Design	\$250.00	Ş180.00	\$105.00	\$150.00	Ş115.00	\$110.00	Hourly Subtotal	Subtotal Cost
	Set Up Project, Review Past Submittal, Kickoff mtg Code Review	1	3	2	2		1	-	\$ 1,4 \$ 1,0
	Calculations, Preliminary Equipment Selection		4	2	16			22	\$ 3,1
	Design Narative - Mech		3	2	8				\$ 1,9
	Project Coordination Cost Estimate Review		4	1	2		1	8	
	QC	3						3	\$ 7
	Site Trip after 35% Submittal Hourly Subtotal	4	8	10	32	0	2	8 74	\$ 1,4
	Cost	\$ 1,000	\$ 4,680	\$ 1,650	\$ 4,160		\$ 220		\$ 11,7
25	65% Design	-	-		-	-		Hourly Subtotal	Subtotal Cost
	Pick Up Review Comments, Set Up Dwgs	1	2		1		2		\$
	Update Calculations Update Equipment Selections		2	2	5				\$ 1,3 \$ 1,8
	Design Plumbing Systems Dwgs		2	8	14		8		\$ 4,3
	Design Ventilation/Exhaust Systems Dwgs		3	8	24		16	51	\$ 6,2
	Update Narrative, Spec TOC		1	2	3		10	6	
	Project Coordination		2	1	2		1	6	\$ :
	Review Cost Estimate QC	4	2	1			1	3	\$ \$ 1,
	Respond to Comments	4	2				1	2	Ŧ -/
	Hourly Subtotal	5	20	24	55	0	28	132	
	Cost	\$ 1,250	\$ 3,600	\$ 3,960	\$ 7,150	\$ -	\$ 3,080		\$ 19,
30	95% Design	1						Hourly Subtotal	Subtotal Cost
	Pick Up Review Comments, Update Dwgs	1	2		2		2	7	\$ 1,
	Update Calculations			1	1			2	\$
	Update Equipment Selections		2	2	4		12	8	
	Design Plumbing Systems Dwgs		3	16			12	31	\$ 4,
	Design Ventilation/Exhaust Systems Dwgs		4		30		16		\$6,
	Specifications Project Coordination		8	1	2	1	1	9	
	Review Cost Estimate		2	1	2		1		\$ \$
	QC	4					1		\$ 1,
	Respond to Comments	5	2			1		2	\$
	Hourly Subtotal Cost	\$ 1,250	25 \$ 4,500	21 \$ 3,465	39 \$ 5,070	\$ 115	32 \$ 3,520	123	\$ 17,
								Hourly	
35	Construction Documents	-	-				-	Subtotal	Subtotal Cost
					1		2		
	Pick Up Review Comments, Update Dwgs	1	1					5	
	Pick Up Review Comments, Update Dwgs Update Design Dwgs	1	1	8	16		16	5 46	
	Update Design Dwgs Update Specifications	1	1 6 6	8	16	1		7	\$ 6, \$ 1,
	Update Design Dwgs	3	6				2	7	\$ 6 \$ 1
	Update Design Dwgs Update Specifications	1 3 4 \$ 1,000		8 8 \$ 1,320	16 16 17 \$ 2,210	1 1 \$ 115		7	\$ 6, \$ 1, \$
	Update Design Dwgs Update Specifications QC Cost	4 \$ 1,000	6	8	17	1	2 20	7 5 63 Hourly	\$ 6, \$ 1, \$ \$
73	Update Design Dwgs Update Specifications QC Cost Cost Compliance Review and Perm Agancy Review Comments and	4 \$ 1,000	6 13 \$ 2,340	8	17	1	2 20	7 5 63 Hourly Subtotal	\$ 6, \$ 1, \$ \$ \$ \$ \$ \$ \$
73	Update Design Dwgs Update Specifications OC Cost Cost	4 \$ 1,000	6	8	17	1 \$ 115	2 20	7 5 63 Hourly	\$ 6 \$ 1 \$ \$ \$ Subtotal Cost
73	Update Design Dwgs Update Specifications QC Cost Cost Compliance Review and Perm Agancy Review Comments and Permitting	4 \$ 1,000	6 13 \$ 2,340 6	8 \$ 1,320	17 \$ 2,210	1 \$ 115	2 20 \$ 2,200	7 5 63 Hourly Subtotal 7 7	\$ 6, \$ 1, \$ \$ \$ Subtotal Cost \$ 1,
-	Update Design Dwgs Update Specifications OC Cost Compliance Review and Perm Agancy Review Comments and Permitting Hourly Subtotal Cost Bid Phase Services	4 \$ 1,000	6 13 \$ 2,340 6 6 6	8 \$ 1,320	17 \$ 2,210	1 \$ 115	2 20 \$ 2,200	7 5 63 Hourly Subtotal 7 7 7 Hourly Subtotal	\$ 6, \$ 1, \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
-	Update Design Dwgs Update Specifications QC Cost Cost Compliance Review and Perm Agancy Review Comments and Permiting Hourly Subtotal Cost Bid Phase Services Pre Bid Mtg	4 \$ 1,000	6 13 \$ 2,340 6 6 6	8 \$ 1,320	17 \$ 2,210	1 \$ 115	2 20 \$ 2,200	7 5 63 Hourly Subtotal 7 7 7 Hourly	\$ 6, \$ 1, \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
-	Update Design Dwgs Update Specifications QC Cost Cost Compliance Review and Perm Agancy Review Comments and Permitting Hourly Subtotal Cost Bid Phase Services Pre Bid Mtg Bid Coordination; Addendums, Clarifications	4 \$ 1,000	6 13 \$ 2,340 6 \$ 1,080 1 1 6	8 \$ 1,320	17 \$ 2,210	1 \$ 115	2 20 \$ 2,200	7 5 63 Hourly Subtotal 7 7 7 Hourly Subtotal 1 3	\$ 6, \$ 1, \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
-	Update Design Dwgs Update Specifications QC Cost Cost Compliance Review and Perm Agancy Review Comments and Permitting Hourly Subtotal Cost Bid Phase Services Pre Bid Mtg Bid Coordination; Addendums; Clarifications Bid Review Bid Review	4 \$ 1,000 1 \$ 250	6 13 \$ 2,340 6 6 \$ 1,080 1 1 6 2	8 \$ 1,320 0 \$ - 2	17 \$ 2,210 0 \$ -	1 \$ 115 0 \$ -	2 20 \$ 2,200 \$ - \$ - 2	7 63 Hourly Subtotal 7 7 7 Hourly Subtotal 1 1 1 3 2	\$ 6 \$ 1 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
-	Update Design Dwgs Update Specifications QC Cost Cost Compliance Review and Perm Agancy Review Comments and Permitting Hourly Subtotal Cost Bid Phase Services Pre Bid Mtg Bid Coordination; Addendums, Clarifications	4 \$ 1,000 1 \$ 250	6 13 \$ 2,340 6 6 5 1,080 1 1 6 2 2 9 9	8 \$ 1,320 0 \$ -	17 \$ 2,210 0 \$ -		2 20 \$ 2,200 \$	7 5 63 40urly <u>Subtotal</u> 7 7 7 7 1 8 8 10urly <u>Subtotal</u> 1 1 3 2 16	\$         6           \$         1           \$         9           Subtotal Cost         1           \$         1           \$         1           \$         1           \$         1           \$         1           \$         1           \$         1           \$         1           \$         2           \$         2
37	Update Design Dwgs Update Specifications OC Cost Cost Compliance Review and Perm Agancy Review Comments and Permitting Hourly Subtotal Cost Bid Phase Services Pre Bid Mtg Bid Coordination, Addendums, Clarifications Bid Review Hourly Subtotal	4 \$ 1,000 1 1 \$ 250	6 13 \$ 2,340 6 6 5 1,080 1 1 6 2 2 9 9	8 \$ 1,320 \$ - \$ - 2 2 2 2	17 \$ 2,210 \$ - \$ - 2 2 2 2		2 20 5 2,200 5 - 5 - 2 2 2 2 2	7 5 633 Hourly Subtotal 7 7 7 7 Subtotal 1 13 2 16 Hourly	\$         6           \$         1           \$         1           \$         9           Subtotal Cost         \$           \$         1           \$         1           \$         1           \$         1           \$         1           \$         1           \$         1           \$         1           \$         1           \$         1           \$         2           \$         2           \$         2
37	Update Design Dwgs Update Specifications OC Cost Cost Compliance Review and Perm Agancy Review Comments and Permitting Hourly Subtotal Cost Bid Phase Services Pre Bid Mtg Bid Coordination, Addendums, Clarifications Bid Review Hourly Subtotal	4 \$ 1,000 1 1 \$ 250	6 13 \$ 2,340 6 6 5 1,080 1 1 6 2 2 9 9	8 \$ 1,320 \$ - \$ - 2 2 2 2	17 \$ 2,210 \$ - \$ - 2 2 2 2		2 20 5 2,200 5 - 5 - 2 2 2 2 2	7 5 63 Hourly Subtotal 1 13 2 16 Hourly Subtotal	\$         6,           \$         1,           \$         9,           Subtotal Cost         1,           \$         1,           \$         1,           \$         1,           \$         1,           \$         1,           \$         1,           \$         2,           \$         2,           \$         2,           \$         2,           \$         2,           \$         2,           \$         2,
37	Update Design Dwgs Update Specifications OC Cost Cost Compliance Review and Perm Agancy Review Comments and Permitting Hourly Subtotal Cost Bid Phase Services Pre Bid Mtg Bid Coordination, Addendums, Clarifications Bid Review Hourly Subtotal	4 \$ 1,000 1 1 \$ 250	6 13 \$ 2,340 6 6 5 1,080 1 1 6 2 2 9 9	8 \$ 1,320 \$ - \$ - 2 2 2 2	17 \$ 2,210 \$ - \$ - 2 2 2 2		2 20 5 2,200 5 - 5 - 2 2 2 2 2	7 7 63 63 Hourly Subtotal 7 7 7 7 7 7 7 7 10 11 11 13 2 16 10 10 10 10 10 10 10 10 10 10 10 10 10	\$         6,           \$         1,           \$         9,           Subtotal Cost         5           \$         1,           \$         1,           \$         1,           \$         2,           \$         2,           \$         2,           \$         2,           \$         5           \$         2,           \$         2,           \$         5           \$         2,
37	Update Design Dwgs Update Specifications OC Cost Cost Compliance Review and Perm Agancy Review Comments and Permitting Hourly Subtotal Cost Bid Phase Services Pre Bid Mtg Bid Coordination, Addendums, Clarifications Bid Review Hourly Subtotal	4 \$ 1,000 1 1 \$ 250	6 13 \$ 2,340 6 6 5 1,080 1 1 6 2 2 9 9	8 \$ 1,320 \$ - \$ - 2 2 2 2	17 \$ 2,210 \$ - \$ - 2 2 2 2		2 20 5 2,200 5 - 5 - 2 2 2 2 2	7 7 6 3 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	\$ 6, \$ 1, \$ 2, \$ 9, \$ 1, \$ 9, \$ 9, \$ 1, \$ 9, \$ 9, \$ 9, \$ 9, \$ 1, \$ 9, \$ 9, \$ 1, \$ 9, \$ 1, \$ 9, \$ 1, \$ 9, \$ 1, \$ 9, \$ 1, \$ 9, \$ 1, \$ 2, \$ 3, \$ 2, \$ 3, \$ 3,
37	Update Design Dwgs Update Specifications OC Cost Cost Compliance Review and Perm Agancy Review Comments and Permitting Hourly Subtotal Cost Bid Phase Services Pre Bid Mtg Bid Coordination, Addendums, Clarifications Bid Review Hourly Subtotal	4 \$ 1,000 1 1 \$ 250	6 13 \$ 2,340 6 6 5 1,080 1 1 6 2 2 9 9	8 \$ 1,320 \$ - \$ - 2 2 2 2	17 \$ 2,210 \$ - \$ - 2 2 2 2		2 20 5 2,200 5 - 5 - 2 2 2 2 2	7 5 63 Hourly Subtotal 7 7 7 7 Hourly Subtotal 13 2 16 Hourly Subtotal 0 0 0 0 0	\$         6,           \$         1,           \$         9,           Subtotal Cost         5           \$         1,           \$         1,           \$         1,           \$         2,           \$         2,           \$         2,           \$         2,           \$         5           \$         2,           \$         2,           \$         5           \$         2,
37	Update Design Dwgs Update Specifications QC Cost Cost Compliance Review and Perm Agancy Review Comments and Permitting Hourly Subtotal Cost Bid Phase Services Pre Bid Mtg Bid Coordination; Addendums; Clarifications Bid Review Hourly Subtotal Cost Hourly Subtotal	1 1 1 1 1 1 250 1 1 1 250	6 13 \$ 2,340 6 6 6 5 1,080 1 1 6 2 9 9 \$ 1,620	8 \$ 1,320 \$ - \$ - 2 2 2 2	17 \$ 2,210 \$ - \$ - 2 2 2 2	1 \$ 115 0 \$ - 0 \$ -	2 20 5 2,200 5 - 5 - 2 2 2 2 2	7 7 6 3 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	\$         6           \$         1           \$         9           Subtotal Cost         5           \$         1           \$         1           \$         1           \$         1           \$         2           \$         2           \$         2           \$         2           \$         2           \$         2           \$         2           \$         2
37	Update Design Dwgs Update Specifications OC Cost Compliance Review and Perm Agancy Review Comments and Permitting Hourly Subtotal Cost Bid Phase Services Pre Bid Mtg Bid Coordination; Addendums, Clarifications Bid Review Hourly Subtotal Cost	1 \$ 1,000 1 1 1 250 1 1 5 250 1 1 5 250	6 13 \$ 2,340 6 6 6 5 1,080 1 1 6 2 9 9 \$ 1,620 1 1 6 2 9 1,620	8 \$ 1,320 0 \$ - 2 2 330 - 0 0 0 0 0 0 0 0 0 0 0 0 0	17 \$ 2,210 0 \$ - 2 2 \$ 260	1 5 115 0 5 0 5 0 5 0 5 0 0 5 0 0 0 0 0 0 0 0 0 0 0 0 0	2 20 \$ 2,200 \$ 2,200 \$ - 2 \$ - 2 \$ 220	7 7 6 3 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	\$         6           \$         1           \$         9           Subtotal Cost         5           \$         1           \$         1           \$         1           \$         1           \$         2           \$         2           \$         2           \$         2           \$         2           \$         2           \$         2           \$         2
37	Update Design Dwgs Update Specifications QC Cost Cost Compliance Review and Perm Agancy Review Comments and Permitting Hourly Subtotal Cost Bid Phase Services Pre Bid Mtg Bid Coordination; Addendums; Clarifications Bid Review Hourly Subtotal Cost Hourly Subtotal	1 1 1 1 1 1 250 1 1 1 250	6 13 \$ 2,340 6 6 6 5 1,080 1 1 6 2 9 9 \$ 1,620 1 1 6 2 9 1,620	8 \$ 1,320 0 \$ - 2 2 330 - 0 0 0 0 0 0 0 0 0 0 0 0 0	17 \$ 2,210 0 \$ - 2 2 \$ 260	1 5 115 0 5 0 5 0 5 0 5 0 0 5 0 0 0 0 0 0 0 0 0 0 0 0 0	2 20 \$ 2,200 \$ 2,200 \$ - 2 \$ - 2 \$ 220	7 5 633 Hourly Subtotal 7 7 7 7 8 Hourly Subtotal 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$         6,           \$         1,           \$         9,           Subtotal Cost         \$           \$         1,           \$         1,           \$         1,           \$         1,           \$         2,           \$         2,           \$         2,           \$         2,           \$         2,           \$         2,           \$         2,           \$         2,           \$         2,           \$         2,           \$         2,           \$         2,           \$         2,           \$         5,           \$         5,           \$         5,           \$         5,           \$         5,
37	Update Design Dwgs Update Specifications QC Cost Cost Compliance Review and Perm Agancy Review Comments and Permitting Hourly Subtotal Cost Bid Phase Services Pre Bid Mtg Bid Coordination; Addendums; Clarifications Bid Review Hourly Subtotal Cost Hourly Subtotal	1 1 1 1 1 1 250 1 1 1 250	6 13 \$ 2,340 6 6 6 5 1,080 1 1 6 2 9 9 \$ 1,620 1 1 6 2 9 1,620	8 \$ 1,320 0 \$ - 2 2 330 - 0 0 0 0 0 0 0 0 0 0 0 0 0	17 \$ 2,210 0 \$ - 2 2 \$ 260	1 5 115 0 5 0 5 0 5 0 5 0 0 5 0 0 0 0 0 0 0 0 0 0 0 0 0	2 20 \$ 2,200 \$ 2,200 \$ - 2 \$ - 2 \$ 220	7 5 63 Hourly Subtotal 7 7 7 7 8 Ubtotal 13 3 2 16 9 16 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$         6,           \$         1,           \$         9,           Subtotal Cost         5           \$         1,           \$         1,           \$         1,           \$         1,           \$         2,           \$         2,           \$         2,           \$         2,           \$         5,           \$         2,           \$         2,           \$         5,           \$         5,           \$         5,           \$         5,           \$         5,           \$         5,           \$         5,           \$         5,           \$         5,           \$         \$           \$         \$
37	Update Design Dwgs Update Specifications QC Cost Cost Compliance Review and Perm Agancy Review Comments and Permitting Hourly Subtotal Cost Bid Phase Services Pre Bid Mtg Bid Coordination; Addendums; Clarifications Bid Review Hourly Subtotal Cost Hourly Subtotal	1 1 1 1 1 1 250 1 1 1 250	6 13 \$ 2,340 6 6 6 5 1,080 1 1 6 2 9 9 \$ 1,620 1 1 6 2 9 1,620	8 \$ 1,320 0 \$ - 2 2 330 - 0 0 0 0 0 0 0 0 0 0 0 0 0	17 \$ 2,210 0 \$ - 2 2 \$ 260	1 5 115 0 5 0 5 0 5 0 5 0 0 5 0 0 0 0 0 0 0 0 0 0 0 0 0	2 20 \$ 2,200 \$ 2,200 \$ - 2 \$ - 2 \$ 220	7         5           633         3           Hourly         Subtotal           7         7           Hourly         Subtotal           133         2           16         3           Waterly         Subtotal           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0	\$ 1, \$ 1, \$ 2, \$ 9, \$ ubtotal Cost \$ 1, \$ 1, \$ 1, \$ 1, \$ 1, \$ 2, \$ 3, \$ 5, \$ 5,
37	Update Design Dwgs Update Specifications QC Cost Cost Compliance Review and Perm Agancy Review Comments and Permitting Hourly Subtotal Cost Bid Phase Services Pre Bid Mtg Bid Coordination; Addendums; Clarifications Bid Review Hourly Subtotal Cost Hourly Subtotal	1 1 1 1 1 1 250 1 1 1 250	6 13 \$ 2,340 6 6 6 5 1,080 1 1 6 2 9 9 \$ 1,620 1 1 6 2 9 1,620	8 \$ 1,320 0 \$ - 2 2 330 - 0 0 0 0 0 0 0 0 0 0 0 0 0	17 \$ 2,210 0 \$ - 2 2 \$ 260	1 5 115 0 5 0 5 0 5 0 5 0 0 5 0 0 0 0 0 0 0 0 0 0 0 0 0	2 20 5 2,200 5 2,200 5 - 2 2 2 5 220 2 5 220 5 220 5 220 5 220 5 220	7 5 63 7 Hourly Subtotal 1 Hourly 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$         6,           \$         1,           \$         1,           \$         9,           Subtotal Cost         5           \$         1,           \$         1,           \$         1,           \$         2,           \$         2,           \$         2,           \$         2,           \$         2,           \$         2,           \$         2,           \$         2,           \$         2,           \$         2,           \$         2,           \$         2,           \$         5           \$         5           \$         5           \$         5           \$         5           \$         5           \$         5           \$         5
37	Update Design Dwgs Update Specifications QC Cost Cost Compliance Review and Perm Agancy Review Comments and Permitting Hourly Subtotal Cost Bid Phase Services Pre Bid Mtg Bid Coordination; Addendums; Clarifications Bid Review Hourly Subtotal Cost Hourly Subtotal	1 1 1 1 1 1 250 1 1 1 250	6 13 \$ 2,340 6 6 6 5 1,080 1 1 6 2 9 9 \$ 1,620	8 \$ 1,320 0 \$ - 2 2 330 - 0 0 0 0 0 0 0 0 0 0 0 0 0	17 \$ 2,210 0 \$ - 2 2 \$ 260	1 5 115 0 5 0 5 0 5 0 5 0 0 5 0 0 0 0 0 0 0 0 0 0 0 0 0	2 20 5 2,200 5 2 2 5 2 2 5 220 5 5 5 5 5 5 5	7         5           633         -           Hourly         -           Subtotal         -           -         -           Hourly         -           Subtotal         -           133         2           16         -           Hourly         -           Subtotal         -           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0	\$         6,           \$         1,           \$         9,           Subtotal Cost         1,           \$         1,           \$         1,           \$         1,           \$         1,           \$         2,           \$         2,           \$         2,           \$         2,           \$         2,           \$         2,           \$         2,           \$         5           \$         5           \$         5           \$         5           \$         5           \$         5           \$         5           \$         5           \$         5           \$         5           \$         5           \$         5
73 37 85 85	Update Design Dwgs Update Specifications QC Cost Cost Compliance Review and Perm Agancy Review Comments and Permitting Hourly Subtotal Cost Bid Phase Services Pre Bid Mtg Bid Coordination; Addendums; Clarifications Bid Review Hourly Subtotal Cost Hourly Subtotal	1 1 1 1 1 1 250 1 1 1 250	6 13 \$ 2,340 6 6 6 5 1,080 1 1 6 2 9 9 \$ 1,620	8 \$ 1,320 0 \$ - 2 2 330 - 0 0 0 0 0 0 0 0 0 0 0 0 0	17 \$ 2,210 0 \$ - 2 2 \$ 260	1 5 115 0 5 0 5 0 5 0 5 0 0 5 0 0 0 0 0 0 0 0 0 0 0 0 0	2 20 5 2,200 5 2,200 5 - 2 2 2 5 220 2 5 220 5 220 5 220 5 220 5 220	7         5           633         -           Hourly         -           Subtotal         -           -         -           Hourly         -           Subtotal         -           133         2           16         -           Hourly         -           Subtotal         -           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0	\$         6,           \$         1,           \$         9,           Subtotal Cost         \$           \$         1,           \$         1,           \$         1,           \$         1,           \$         1,           \$         2,           \$         2,           \$         2,           \$         2,           \$         2,           \$         2,           \$         2,           \$         2,           \$         2,           \$         5,           \$         5,           \$         5,           \$         5,           \$         5,           \$         5,           \$         5,           \$         5,

#### 11/29/2021

#### **ELECTRICAL ENGINEERING**

#	TASK	Electrical Engineer	Electrical Engineer	Lead Electrical Engineer	Project Electrical Engineer	Editor	Lead Engineering Technician		
	Billing Rate (\$/hr)	\$250.00	\$200.00	\$185.00	\$160.00	\$115.00	\$110.00	Hourly	
22	35% Design Kick-Off Meeting, Review Previous							Subtotal	Subtotal Cost
	Submittal Code Review		1		2		1	4	\$ 630 \$ 1,480
	Design Analysis, Prelim Calculations				6			6	\$ 960
	Design Narrative - Electrical				8	2		10	\$ 1,510
	Schematic Design: Transfer Facility Schematic Design: Site				12 10		8	20 16	\$ 2,800 \$ 2,260
	Schematic Design: Metal Compactor Shelter				8		4	12	\$ 1,720
	Design/Project Coordination Cost Estimate Review		1		6		1	8	\$ 1,270
	QA/QC		2					2	\$ 400
25	Site Visit [Post 35% submittal] Hourly Subtotal	0					20	16 105	\$ 2,560
	Cost	\$-	\$ 1,000	\$-	\$ 12,480	\$ 230	\$ 2,200		\$ 15,910
	65% Design							Hourly Subtotal	Subtotal Cost
	Review Comments and Resolutions, Set Up Dwgs		1		2		2	5	\$ 740
	Update Design Analysis, Calculations				16			16	\$ 2,560
	Update Design Narrative - Electrical				3	1		4	\$ 595
	Design Drawings, Schedules [Transfer								
	Facility: PWR, LTG, SIGNAL]				20		12	32	\$ 4,520
	Design Drawings [Site: PWR, LTG, SIGNAL]		<u> </u>		18		10	28	\$ 3,980
	Design Drawings, Schedules [Metal Compactor Covered Shelter: PWR, LTG]				12		8	20	\$ 2,800
	Specifications [TOC/Prelim Sheet Specs]				4			4	\$ 640
	Design Coordination and Meetings		1		8		4	13	
	QA/QC Submittal	<b> </b>	4	<u> </u>	2		2 2	6	
	Review Cost Estimate				2		2	2	\$ 320
30	Respond to Comments Hourly Subtotal	0	6	0	2 89	1	40		\$ 320
	Cost	\$-	\$ 1,200	\$-	\$ 14,240	\$ 115	\$ 4,400		\$ 19,955
	95% Design							Hourly Subtotal	Subtotal Cost
	Review Comments and Resolutions		1		4		2	7	\$ 1,060
	Update Design Analysis, Calculations				10			10	
	Update Drawings, Schedules [Transfer								<u> </u>
	Facility: PWR, LTG, SIGNAL] Update Drawings [Site: PWR, LTG,				18		10	28	\$ 3,980
	SIGNAL]				16		8	24	\$ 3,440
	Update Drawings, Schedules [Metal Compactor Covered Shelter: PWR, LTG]								<b>A A A A A</b>
	Specifications				10 8	1	6	16 9	\$ 2,260 \$ 1,395
	Design Coordination and Meetings		1		6		4	11	
	QA/QC Submittal		4		2		2	6 4	\$ 1,020 \$ 540
35	Review Cost Estimate Hourly Subtotal	0	6	0	2 76	1	34	2 117	\$ 320
	Cost	\$-		\$-	\$ 12,160	\$ 115	\$ 3,740		\$ 17,215
	Construction Documents							Hourly Subtotal	Subtotal Cost
	Review Comments and Resolutions, Update Dwgs				2		2	4	\$ 540
	Update Drawings, Schedules [Transfer				2		2		<u>, , , , , , , , , , , , , , , , , , , </u>
	Facility: PWR, LTG, SIGNAL]				14		8	22	\$ 3,120
	Update Drawings [Site: PWR, LTG, SIGNAL]		ļ		10		6	16	\$ 2,260
	Update Drawings, Schedules [Metal Compactor Covered Shelter: PWR, LTG]								
	Update Specifications		<u> </u>		8	1	4	12 7	\$ 1,075
	QA/QC Submittal		3		2		2	5	\$ 820 \$ 650
73	Hourly Subtotal Cost	0 \$-		0 \$-		1 \$ 115	25		\$ 10,185
					. 0,720		. 2,730	Hourly	
	Compliance Review and Permi Permitting/Fire Marshall Comments &	1	<u> </u>	1	1	1		Subtotal	Subtotal Cost
	Resolutions		1		4		2	7	\$ 1,060
37	Hourly Subtotal Cost	0 \$ -	1 \$ 200	0 \$ -	4 \$ 640	0 \$-	2 \$ 220	7	\$ 1,060
								Hourly	
	Bid Phase Services Bid Coordination; Addendums,			1				Subtotal	Subtotal Cost
	bid coordination, Addendums,						2	13	\$ 2,020
85	Clarifications	0	1	0	10 10	0		13	
85		0 \$ -	1				2	13	\$ 2,020
85	Clarifications Hourly Subtotal		1		10		2	Hourly	
85	Clarifications Hourly Subtotal		1		10		2	Hourly Subtotal 0	Subtotal Cost \$ -
85	Clarifications Hourly Subtotal		1		10		2	Hourly Subtotal 0 0	Subtotal Cost \$ - \$ - \$ -
85	Clarifications Hourly Subtotal		1		10		2	Hourly Subtotal 0	Subtotal Cost           \$         -           \$         -           \$         -           \$         -           \$         -
	Clarifications Hourly Subtotal		1		10		2 \$ 220	Hourly Subtotal 0 0 0 0 0 0 0 0 0	Subtotal Cost           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -
85	Clarifications Hourly Subtotal		1		10		2	Hourly Subtotal 0 0 0 0 0 0 0 0	Subtotal Cost           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -
	Clarifications Hourly Subtotal		1		10		2 \$ 220	Hourly Subtotal 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Subtotal Cost \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
	Clarifications Hourly Subtotal		1		10		2 \$ 220	Hourly Subtotal 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Subtotal Cost           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -
	Clarifications Hourly Subtotal		1		10		2 \$ 220	Hourly Subtotal 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Subtotal Cost           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -

#### Skagway Transfer Facility Design Bidding and Construction Services Option C

### PDC Engineers

11/29/2021

#	TACK	Civil		Senior Civil	Lead Civ			Civil FIT	Senior Engineering			
	TASK Billing Rate (\$/hr	Enginee ) \$250		Engineer \$185.00			\$135.00		\$125.00			
		/					,			Hourly		
22	35% Design Notes/Symbols/Legends	1			r				1	Subtotal	s s	ubtotal Cos
	Survey Control Map								2	2	\$	
	Site Plan/Building Layout/Siting Site Grading					2			4	6	\$ \$	8
	Site Utilities					2			4	6	\$	1
	Vehicle Turning Movements					4			2	6	\$	9
	Site Cross Sections	-			-	2			4	6	\$	٤
	Erosion and Sediment Control Plan					4			6	10	\$	1,4
	Civl Quantities/Cost Estimate Review					4			4	8	\$	1,2
	Site Trip after 35% Submittal		8			-				8	\$	2,0
	Public Meetings in Skagway PDC Team Coordination		8			4				8	\$ \$	2,0
	PDC QC/Civil Management	-	6			4				4	ş	1,5
	Hourly Subtotal		22	0		24	0	0	31	77		
	Cost	\$ 5,5	00	ş -	\$ 4,2	00 \$	-	\$ -	\$ 3,875		\$	13,5
										Hourly		
25	65% Design	1				2				Subtotal 10	s s	ubtotal Cos
	Site Plan/Building Layouts/Siting Site Grading	-	-			2 8			8	10	\$	1,3 2,4
	Site Utilities					4			4	8	\$	1,
	Site Fencing Plan and Details Vehicle Turning Movements	-			-	2			4	8 10	\$ \$	1,2 1,3
	Site Cross Sections					6			8	14		2,0
	Erosion and Sediment Control Plan	1	Ţ			2			2	4	¢	
	Technical Specifications		_†			4		8	2	4	\$ \$	1,5
	Civl Quantities/Cost Estimate Review		Π		[				-			
	Site Trip after 65% Submittal	1	8			6			8	14	\$ \$	2,
	PDC Team Coordination					8				8	\$	1,4
	PDC QC/Civil Management	-	8 16	0	-	46	0	8	50	8 120	\$	2,0
	Hourly Subtotal Cost	\$ 4,0	16 000	\$	\$ 8,0		-	\$ 840	\$ 6,250	120	\$	19,
_												
30	95% Design									Hourly Subtotal	s	ubtotal Cos
	Site Plan/Building Layout/Siting					2			4	6	\$	5
	Site Grading Site Utilities	-	-		-	8			8	16 8	\$ \$	2,4
	Site Fencing Plan and Details					4			4	8	\$	1,4 1,2
	Vehicle Turning Movements					2			8	10	\$	1,3
	Site Cross Sections	-	_			2			8	10	\$	1,3
	Erosion and Sediment Control Plan					2			2	4	\$	
	Technical Specifications					4		4		8	\$	1,1
	Civl Quantities/Cost Estimate Review					4			4	8	\$	1,2
	PDC Team Coordination					8				8		1,4
	PDC QC/Civil Management Hourly Subtotal		6	0		40	0	4	42	6 92	\$	1,5
	Cost	\$ 1,5	600	ş -	\$ 7,0		-	\$ 420	\$ 5,250		\$	14,:
										Hourly		
35	Construction Documents									Subtotal	s	ubtotal Cos
	Correct up Plans per Owner/PDC QC					8			8	16	s	2,4
	Correct up Specificaitons per					0			0			2,4
	Owner/PDC QC											
						6		6		12	\$	
	Create Final PDF Submittal							6	6	12	\$	
	Create Final PDF Submittal Final Quantity and Cost Estimate PDC QC/Civil Management		4			6		6	6	12	\$	1,2 1,2
	Final Quantity and Cost Estimate PDC QC/Civil Management Hourly Subtotal		4	0		4	0	6	4	12 6 8	\$ \$ \$	1,2 1,0
	Final Quantity and Cost Estimate PDC QC/Civil Management	\$ 1,0		0 \$ -	\$ 3,1	4	0		4	12 6 8	\$ \$	1,2 1,0
	Final Quantity and Cost Estimate PDC QC/Civil Management Hourly Subtotal Cost		4	0 \$ -		4	0	6	4	12 6 8 4 46 Hourly	\$ \$ \$	1,2 1,0 7,0
73	Final Quantity and Cost Estimate PDC QL/Civil Management Hourly Subtotal Cost Compliance Review and Perm		4	0 \$ -		4	0	6	4	12 6 8 4 46	\$ \$ \$	1, 1, 7,
73	Final Quantity and Cost Estimate PDC QC/Civil Management Hourly Subtotal Cost		4	0 \$ -		4	0	6	4	12 6 8 4 46 Hourly	\$ \$ \$	1, 1, 7, ubtotal Cos
73	Final Quantity and Cost Estimate PDC QC/Civil Management Hourly Subtotal Cost Compliance Review and Perm		4	0 \$ -		4 18 50 \$	0	6	4 18 \$ 2,250	12 6 8 4 46 Hourly Subtotal 20	\$ \$ \$ \$	1,3 1,4 7,6 ubtotal Cos 2,5
73	Final Quantity and Cost Estimate POC QC/Civil Management Houry Subtotal Cost Compliance Review and Pern ADEC Water/Sewer Permit Drawings		4	\$0	\$ 3,1	4 18 50 \$ 8 6 14	-	6 \$ 630	4 18 \$ 2,250 12 6 18	12 6 8 4 46 Hourly Subtotal 20 12 32	\$ \$ \$	1,i 1,i 1,i 7,i ubtotal Cos 2,i 1,i
73	Final Quantity and Cost Estimate POC CO/Civil Management Hourly Subtotal Cost Compliance Review and Perm ADEC Water/Sewer Permit Drawings Respond to ADEC Review Comments		4	\$0		4 18 50 \$ 8 6 14	-	6 \$ 630	4 18 \$ 2,250	12 6 8 4 46 Hourly Subtotal 20 12 32	\$ \$ \$ \$	1,i 1,i 1,i 7,i ubtotal Cos 2,i 1,i
	Final Quantity and Cost Estimate POC OC/Civil Mangement Hourly Subtotal Cost Compliance Review and Perm ADEC Water/Sewer Permit Drawings Respond to ADEC Review Comments Hourly Subtotal Cost	ii	4	\$0	\$ 3,1	4 18 50 \$ 8 6 14	-	6 \$ 630	4 18 \$ 2,250 12 6 18	12 6 8 4 4 46 5 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	\$ \$ \$ \$ \$ \$	1,2 1,2 1,0 7,0 ubtotal Cos 2,5 1,4 4,7
	Final Quantity and Cost Estimate PDC CC/C/Wil Management Hourly Subtotal Cost Compliance Review and Perm ADEC Water/Sewer Permit Drawings Respond to ADEC Review Comments Hourly Subtotal Cost Bid Phase Services	ii	4	\$0	\$ 3,1	4 18 50 \$ 8 6 14	-	6 \$ 630	4 18 \$ 2,250 12 6 18	12 6 8 4 4 46 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	\$ \$ \$ \$ \$ \$	1,, 1,1 7,1 ubtotal Cos 2, 1, 4,
	Final Quantity and Cost Estimate POC OC/Civil Mangement Hourly Subtotal Cost Compliance Review and Perm ADEC Water/Sewer Permit Drawings Respond to ADEC Review Comments Hourly Subtotal Cost	ii	4	\$0	\$ 3,1	4 18 50 \$ 8 6 14	-	6 \$ 630	4 18 \$ 2,250 12 6 18	12 6 8 4 4 46 5 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	\$ \$ \$ \$ \$ \$	: 1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,
	Final Quantity and Cost Estimate PDC OC/Civil Management Hourly Subtotal Cost Compliance Review and Perm ADEC Water/Sewer Permit Drawings Respond to ADEC Review Comments Hourly Subtotal Cost Bid Phase Services Partipate in pre bid conference by phone Respond to Bidders Questions	ii	4 000 0 -	\$0	\$ 3,1	4 18 50 \$ 8 6 14 50 \$ 6	-	6 \$ 630	4 18 \$ 2,250 12 6 18 \$ 2,250	12 6 8 4 4 46 7 20 12 32 32 32 32 32 32 6	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	: 1,1 1,2 1,1 7,1 ubtotal Cos 2,5 1,4 4,7 4,7 4,7 1,1
	Final Quantity and Cost Estimate POC OC/Civil Management Hourly Subtotal Cost Compliance Review and Perm ADEC Water/Sewer Permit Drawings Respond to ADEC Review Comments Hourly Subtotal Cost Bid Phase Services Partipate in pre bid conference by phone	ii	4 000 0 -	\$0	\$ 3,1	4 18 50 \$ 8 6 14 50 \$	-	6 \$ 630	4 18 \$ 2,250 12 6 18	12 6 8 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	: 1,2,3,4 7,0 ubtotal Cos 2,5 1,4 4,7 4,7 4,7 1,4,1 1,1,1,1 1,1,1,1 1,1,1,1 1,1,1,1 1,1,1,1 1,1,1,1 1,1,1,1 1,1,1,1,1 1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,
	Final Quantity and Cost Estimate PDC OC/Civil Management Hourly Subtotal Cost Cost Compliance Review and Perm ADEC Water/Sewer Permit Drawings Respond to ADEC Review Comments Hourly Subtotal Cost Bid Phase Services Partipate in pre bid conference by phone Respond to Bidders Questions Prepare Addenda as Required Bid Review Hourly Subtotal		4 000 0 -	\$ - 0 \$ -	\$ 3,3	4 18 50 \$ 6 14 50 \$ 6 4 10	-	6 \$ 630 0 \$ -	4 18 5 2,250 12 6 18 5 2,250 4 4 4 4	12 6 8 4 46 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,, 1,, 1,, 7,, ubtotal Cos 2, 1, 1, 4, 4, ubtotal Cos
	Final Quantity and Cost Estimate PDC OC/Civil Management Hourry Subtoal Cost Compliance Review and Perm ADEC Water/Sewer Permit Drawings Respond to ADEC Review Comments Hourly Subtotal Cost Bid Phase Services Partipate in pre bid conference by phone Respond to Bidders Questions Prepare Addenda as Required Bid Review		4 000 0 -	\$ - 0 \$ -	\$ 3,3	4 18 50 \$ 8 6 14 50 \$ 6 4 4	0	6 \$ 630 0 \$ -	4 18 5 2,250 12 6 18 5 2,250	12 6 8 4 46 7 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	: 1,2,3,4 7,4 ubtotal Cos 2,5 1,4 4,7 ubtotal Cos 9 1,4 1,7 1,7 1,7 1,7 1,7 1,7 1,7 1,7 1,7 1,7
37	Final Quantity and Cost Estimate PDC OC/Civil Management Hourly Subtotal Cost Compliance Review and Perm ADEC Water/Sewer Permit Drawings Respond to ADEC Review Comments Hourly Subtotal Cost Bid Phase Services Partipate in pre bid conference by phone Respond to Bidders Questions Prepare Addenda as Required Bid Review Hourly Subtotal		4 000 0 -	\$ - 0 \$ -	\$ 3,3	4 18 50 \$ 6 14 50 \$ 6 4 10	0	6 \$ 630 0 \$ -	4 18 5 2,250 12 6 18 5 2,250 5 2,250	12 6 8 46 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	: 1,2 1,6 2,5 2,5 1,1 4,7 4,7 4,7 4,7 4,7 1,1 4,7 1,1,7 1,1,7 1,1,7 1,1,7 1,1,7 1,1,7 1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,1,1,
37	Final Quantity and Cost Estimate PDC OC/Civil Management Hourly Subtotal Cost Compliance Review and Perm ADEC Water/Sewer Permit Drawings Respond to ADEC Review Comments Hourly Subtotal Cost Bid Phase Services Partipate in pre bid conference by phone Respond to Bidders Questions Prepare Addenda as Required Bid Review Hourly Subtotal		4 000 0 -	\$ - 0 \$ -	\$ 3,3	4 18 50 \$ 6 14 50 \$ 6 4 10	0	6 \$ 630 0 \$ -	4 18 5 2,250 12 6 18 5 2,250 5 2,250	12 6 8 4 4 46 7 20 12 32 32 32 32 32 5 0 5 0 0 11 7 5 0 0 17 7 17 17 17 17 17	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	: 1,2 1,6 2,5 2,5 1,1 4,7 4,7 4,7 4,7 4,7 1,1 4,7 1,1,7 1,1,7 1,1,7 1,1,7 1,1,7 1,1,7 1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,1,1,
	Final Quantity and Cost Estimate PDC OC/Civil Management Hourly Subtotal Cost Compliance Review and Perm ADEC Water/Sewer Permit Drawings Respond to ADEC Review Comments Hourly Subtotal Cost Bid Phase Services Partipate in pre bid conference by phone Respond to Bidders Questions Prepare Addenda as Required Bid Review Hourly Subtotal		4 000 0 -	\$ - 0 \$ -	\$ 3,3	4 18 50 \$ 6 14 50 \$ 6 4 10	0	6 \$ 630 0 \$ -	4 18 5 2,250 12 6 18 5 2,250 5 2,250	12 6 8 46 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,6 1,7 1,7,7 1,7,7 1,7,7 1,7 1,7 1,
37	Final Quantity and Cost Estimate PDC OC/Civil Management Hourly Subtotal Cost Compliance Review and Perm ADEC Water/Sewer Permit Drawings Respond to ADEC Review Comments Hourly Subtotal Cost Bid Phase Services Partipate in pre bid conference by phone Respond to Bidders Questions Prepare Addenda as Required Bid Review Hourly Subtotal		4 000 0 -	\$ - 0 \$ -	\$ 3,3	4 18 50 \$ 6 14 50 \$ 6 4 10	0	6 \$ 630 0 \$ -	4 18 5 2,250 12 6 18 5 2,250 5 2,250	12 6 8 4 4 6 7 8 9 10 20 20 20 22 22 22 22 22 6 8 8 8 8 8 8 8 8 11 7 7 7 7 7 7 8 10 7 9 10 7 9 7 9 7 9 7 9 7 9 7 9 7 9 7 9 7 9 7		2 1,2 1,2 1,2 1,2 2,5 2,5 1,2 4,7 4,7 4,7 4,7 4,7 2 2 2 1,2 1,2 1,2 3,0 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2
37	Final Quantity and Cost Estimate PDC OC/Civil Management Hourly Subtotal Cost Compliance Review and Perm ADEC Water/Sewer Permit Drawings Respond to ADEC Review Comments Hourly Subtotal Cost Bid Phase Services Partipate in pre bid conference by phone Respond to Bidders Questions Prepare Addenda as Required Bid Review Hourly Subtotal		4 000 0 -	\$ - 0 \$ -	\$ 3,3	4 18 50 \$ 6 14 50 \$ 6 4 10	0	6 \$ 630 0 \$ -	4 18 5 2,250 12 6 18 5 2,250 5 2,250	12 6 8 4 4 46 7 20 12 32 32 32 32 32 32 32 32 32 32 32 32 32		: 1,2 1,6 2,5 2,5 1,1 4,7 4,7 4,7 4,7 4,7 1,1 4,7 1,1,7 1,1,7 1,1,7 1,1,7 1,1,7 1,1,7 1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,1,1,
37	Final Quantity and Cost Estimate PDC OC/Civil Management Hourly Subtotal Cost Compliance Review and Perm ADEC Water/Sewer Permit Drawings Respond to ADEC Review Comments Hourly Subtotal Cost Bid Phase Services Partipate in pre bid conference by phone Respond to Bidders Questions Prepare Addenda as Required Bid Review Hourly Subtotal		4 000 0 -	\$ - 0 \$ -	\$ 3,3	4 18 50 \$ 6 14 50 \$ 6 4 10	0	6 \$ 630 0 \$ -	4 18 5 2,250 12 6 18 5 2,250 5 2,250	12           6           8           4           46           Subtotal           20           12           32           8           10           12           8           11           12           6           8           11           12           6           8           11           12           13           14           10           0           0           0           0           0           0           0           0           0		: 1,2 1,6 2,5 2,5 1,1 4,7 4,7 4,7 4,7 4,7 1,1 4,7 1,1,7 1,1,7 1,1,7 1,1,7 1,1,7 1,1,7 1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,1,1,
37	Final Quantity and Cost Estimate PDC OC/Civil Management Hourly Subtotal Cost Compliance Review and Perm ADEC Water/Sewer Permit Drawings Respond to ADEC Review Comments Hourly Subtotal Cost Bid Phase Services Partipate in pre bid conference by phone Respond to Bidders Questions Prepare Addenda as Required Bid Review Hourly Subtotal		4 000 0 -	\$ - 0 \$ -	\$ 3,3	4 18 50 \$ 6 14 50 \$ 6 4 10	0	6 \$ 630 0 \$ -	4 18 5 2,250 12 6 18 5 2,250 5 2,250	122 6 8 8 4 4 6 1 1 1 1 2 0 1 2 1 1 2 1 3 2 1 1 1 1 1 1 1 1 1 1 1 1		: 1,2 1,6 2,5 2,5 1,1 4,7 4,7 4,7 4,7 4,7 1,1 4,7 1,1,7 1,1,7 1,1,7 1,1,7 1,1,7 1,1,7 1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,1,1,
37	Final Quantity and Cost Estimate POC OC/Civil Wangement Hourly Subtotal Cost Cost Compliance Review and Perm ADEC Water/Sewer Permit Drawings Respond to ADEC Review Comments Hourly Subtotal Cost Bid Phase Services Partipate in pre bid conference by phone Respond to Bidders Questions Prepare Addenda as Required Bid Review Hourly Subtotal Cost		4 000 0 -	\$ - 0 \$ -	\$ 3,1 \$ 2,4 \$ 1,7	4 18 50 \$ 6 14 50 \$ 6 4 10	0	6 \$ 630 0 \$ -	4 18 5 2,250 12 6 18 5 2,250 5 2,250	12           6           8           4           46           Subtotal           20           12           32           8           10           12           8           11           12           6           8           11           12           6           8           11           12           13           14           10           0           0           0           0           0           0           0           0           0		1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1
37	Final Quantity and Cost Estimate PDC OC/Civil Management Hourly Subtotal Cost Compliance Review and Perm ADEC Water/Sewer Permit Drawings Respond to ADEC Review Comments Hourly Subtotal Cost Bid Phase Services Partipate in pre bid conference by phone Respond to Bidders Questions Prepare Addenda as Required Bid Review Hourly Subtotal		4 000 - 2 1 3 750	\$ - 0 \$ - 0 \$ -	\$ 3,1 \$ 2,4 \$ 1,7	4 18 18 50 \$ 50 \$ 50 \$ 50 \$ 6 14 50 \$ 50 \$ 5		6 \$ 630 0 \$ - 0 \$ -	4 18 5 2,250 12 6 18 5 2,250 4 4 5 2,250 4 5 2,250	12 6 8 8 4 4 6 8 8 8 9 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9		1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1
37	Final Quantity and Cost Estimate PDC OC/Civil Management Hourly Subtotal Cost Cost Compliance Review and Perm ADEC Water/Sewer Permit Drawings Respond to ADEC Review Comments Hourly Subtotal Cost Bid Phase Services Partipate in pre bid conference by phone Respond to Bidders Questions Prepare Addenda as Required Bid Review Hourly Subtotal Cost Hourly Subtotal Cost		4 000 - 2 1 3 750	\$ - 0 \$ - 0 \$ -	\$ 3,1 \$ 2,4 \$ 1,7	4 18 18 50 \$ 50 \$ 50 \$ 50 \$ 6 14 50 \$ 50 \$ 5		6 5 630 0 5 - 0 5 - 0 5 - 0 5 - 0 0 5 - 0 0 0 0 0 0 0 0 0 0 0 0 0	4 18 5 2,250 12 6 18 5 2,250 4 5 2,250 4 5 2,250 4 5 2,250 12 12 12 12 12 12 12 12 12 12	122 6 6 8 8 4 4 6 1 20 12 20 12 22 22 22 22 22 1 Hourly Subtotal 1 17 7 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1
37	Final Quantity and Cost Estimate PDC OC/Civil Management Hourly Subtotal Cost Cost Compliance Review and Perm ADEC Water/Sewer Permit Drawings Respond to ADEC Review Comments Hourly Subtotal Cost Bid Phase Services Partipate in pre bid conference by phone Respond to Bidders Questions Prepare Addenda as Required Bid Review Hourly Subtotal Cost Hourly Subtotal Cost		4 000 - 2 1 3 750	\$ - 0 \$ - 0 \$ -	\$ 3,1 \$ 2,4 \$ 1,7	4 18 18 50 \$ 50 \$ 50 \$ 50 \$ 6 14 50 \$ 50 \$ 5		6 5 630 0 5 - 0 5 - 0 5 - 0 5 - 0 0 5 - 0 0 0 0 0 0 0 0 0 0 0 0 0	4 18 5 2,250 12 6 18 5 2,250 4 5 2,250 4 5 2,250 4 5 2,250 12 12 12 12 12 12 12 12 12 12	122 6 6 8 8 4 4 6 8 8 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1
85	Final Quantity and Cost Estimate PDC OC/Civil Management Hourly Subtotal Cost Cost Compliance Review and Perm ADEC Water/Sewer Permit Drawings Respond to ADEC Review Comments Hourly Subtotal Cost Bid Phase Services Partipate in pre bid conference by phone Respond to Bidders Questions Prepare Addenda as Required Bid Review Hourly Subtotal Cost Hourly Subtotal Cost		4 000 - 2 1 3 750	\$ - 0 \$ - 0 \$ -	\$ 3,1 \$ 2,4 \$ 1,7	4 18 18 50 \$ 50 \$ 50 \$ 50 \$ 6 14 50 \$ 50 \$ 5		6 5 630 0 5 - 0 5 - 0 5 - 0 5 - 0 0 5 - 0 0 0 0 0 0 0 0 0 0 0 0 0	4 18 5 2,250 12 6 18 5 2,250 4 5 2,250 4 5 2,250 4 5 2,250 12 12 12 12 12 12 12 12 12 12	12 6 8 8 4 4 6 8 8 9 10 12 22 22 2 2 2 2 2 2 2 2 2 2		1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1
85	Final Quantity and Cost Estimate PDC OC/Civil Management Hourly Subtotal Cost Cost Compliance Review and Perm ADEC Water/Sewer Permit Drawings Respond to ADEC Review Comments Hourly Subtotal Cost Bid Phase Services Partipate in pre bid conference by phone Respond to Bidders Questions Prepare Addenda as Required Bid Review Hourly Subtotal Cost Hourly Subtotal Cost		4 000 - 2 1 3 750	\$ - 0 \$ - 0 \$ -	\$ 3,1 \$ 2,4 \$ 1,7	4 18 18 50 \$ 50 \$ 50 \$ 50 \$ 6 14 50 \$ 50 \$ 5		6 5 630 0 5 - 0 5 - 0 5 - 0 5 - 0 0 5 - 0 0 0 0 0 0 0 0 0 0 0 0 0	4 18 5 2,250 12 6 18 5 2,250 4 5 2,250 4 5 2,250 4 5 2,250 12 12 12 12 12 12 12 12 12 12	122 6 6 8 8 4 4 4 6 1 20 12 20 12 20 20 12 20 1 0 1 1 1 1 1		: ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;
85	Final Quantity and Cost Estimate PDC OC/Civil Management Hourly Subtotal Cost Cost Compliance Review and Perm ADEC Water/Sewer Permit Drawings Respond to ADEC Review Comments Hourly Subtotal Cost Bid Phase Services Partipate in pre bid conference by phone Respond to Bidders Questions Prepare Addenda as Required Bid Review Hourly Subtotal Cost Hourly Subtotal Cost		4 000 - 2 1 3 750	\$ - 0 \$ - 0 \$ -	\$ 3,1 \$ 2,4 \$ 1,7	4 18 18 50 \$ 50 \$ 50 \$ 50 \$ 6 14 50 \$ 50 \$ 5		6 5 630 0 5 - - - - - - - - - - - - -	4 18 5 2,250 12 6 18 5 2,250 4 5 2,250 4 5 2,250 4 5 2,250 12 12 12 12 12 12 12 12 12 12	12 6 8 8 4 4 6 8 8 9 10 12 22 22 2 2 2 2 2 2 2 2 2 2		: ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;
85	Final Quantity and Cost Estimate PDC CO/Cold Management Hourly Subtotal Cost Cost Cost Compliance Review and Perm ADEC Water/Sewer Permit Drawings Respond to ADEC Review Comments Hourly Subtotal Cost Bid Phase Services Partipate in pre bid conference by phone Respond to Bidders Questions Prepare Addoma as Required Bid Review Hourly Subtotal Cost Hourly Subtotal Cost		2 2 1 3 750	\$ - 0 \$ - 0 \$ - 0 \$ - 0 \$ - 0 \$ -	\$ 3,1 \$ 2,4 \$ 1,7	4 18 18 50 \$ 50 \$ 50 \$ 50 \$ 6 14 50 \$ 50 \$ 5	0	6 5 630 0 5 - 0 5 - 0 5 - 0 5 - 0 0 5 - 0 0 0 0 0 0 0 0 0 0 0 0 0	4 18 5 2,250 12 6 18 5 2,250 4 5 2,250 4 5 2,250 4 5 2,250 12 12 12 12 12 12 12 12 12 12	12 6 6 8 8 4 6 8 8 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		: 1,2 1,6 2,5 2,5 1,1 4,7 4,7 4,7 4,7 4,7 1,1 4,7 1,1,7 1,1,7 1,1,7 1,1,7 1,1,7 1,1,7 1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,6 1,1,1,1,

**CIVIL ENGINEERING** 

### 11/29/2021

#	TASK	Senior	Lead	AL / PLANNING Environmental Analyst	Senior Engineering Technician		
	Billing Rate (\$/hr)	\$190.00	\$160.00	\$125.00	\$125.00		
22	35% Design					Hourly Subtotal	Subtotal Cost
	Set up Project, Research and Project Communication: regulators, vendors, etc.						
	prepare public meeting materials (PPT,	2	2	22		26	\$ 3,45
	graphics, sign-in, etc.) facilitate/coordinate public meeting	2	12			14	\$ 2,30
	Overnight post-meeting summary of comments		20			20	
	Project Coordination		2	1		3	
	site visit/public meeting			12		12	\$ 1,50
	Hourly Subtotal Cost	2 \$ 380	35 \$ 5,600	15 \$ 1,875	0 \$-	52	\$ 7,85
		¢	<i>\$</i> 5,000	¥ 1,673	*	Hourly	
25	65% Design Update Research and Project					Subtotal	Subtotal Cost
	Communication: regulators, vendors, etc. prepare public meeting materials (PPT,	2	2	16		20	\$ 2,70
	graphics, sign-in, etc.)	0	0	0		0	\$ -
	facilitate/coordinate public meeting post-meeting summary of comments		0	0		0	
	Project Coordination		0	0		0	-
	Communication: regulators, vendors, etc.			4		4	\$ 50
	Hourly Subtotal Cost	2 \$ 380	3 \$ 480	22 \$ 2,750	0 \$-	27	\$ 3,6
	[ <b></b>	7	1	÷ _,	T		τ
30	95% Design			1		Hourly Subtotal	Subtotal Cost
	Update Post Meeting and Agency Information		1	4		5	\$ 60
	Hourly Subtotal Cost	0 \$-	1 \$ 160	4 \$ 500	0 \$ -	5	\$ 60
	Construction Descente					Hourly	
35	Construction Documents Update Post Meeting and Agency					Subtotal	Subtotal Cost
	Information Hourly Subtotal	0	1	4	0	5	\$ 6
	Cost	\$ -	\$ 160	\$ 500	\$-		\$ 6
73	Compliance Review and Permi					Hourly Subtotal	Subtotal Cost
	ADEC On Site Wastewater Permit		6	6		12	\$ 1,7
	ADEC On Site Drinking Water Permit		8	8		16	
	Hourly Subtotal	0	14	14	0	28	\$-
	Cost	\$-	\$ 2,240	\$ 1,750	\$-		\$ 3,99
37	Bid Phase Services					Hourly Subtotal	Subtotal Cost
	Bidding Coordination Hourly Subtotal	0	1	3	0	4	\$ 5
	Cost	\$-	\$ 160	\$ 375	\$-	4	\$ 5
85						Hourly Subtotal	Subtotal Cost
	Hourly Subtotal	0	0	0	0		\$-
	Cost	\$ -	\$ -	\$-	\$-		\$-
85				1		Hourly Subtotal	Subtotal Cost
						0	\$- \$-
	Hourly Subtotal Cost	0 \$-	0 \$-	0 \$-	0 \$-	0	\$ -
	*				-		· ·
	Discipline Totals	4	55	62	0	121	

Skagway Transfer Facility Design Bidding and Construction Services Option C

			SU	RVEYING				11,	/29	/2021
#	TASK	Principal Professional Surveyor	Senior Professional Surveyor	Staff Professional Surveyor	Land Surveyor, LSIT	Two-Man Crew	Senior Engineering Technician			
π	Billing Rate (\$/hr)		\$195.00	\$125.00	\$105.00	\$230.00	\$125.00			
22	35% Design	\$250.00	<i>Q</i> 135.00	Ş123.00	<i></i>	\$250.00	Ş125.00		Subto	otal Cost
	Review Existing Record Info/Survey Work									
					2			2	\$	210
	Survey Team Mob/Demob to Skagway					4		4	\$	920
	Field Survey of 15-Acre Transfer Site									
						16		16	\$	3,680
	Office Reduction/Mapping Preparation				16			16	Ś	1,680
	PDC QC	2						2		500
	Hourly Subtotal	2						40		
	Cost	\$ 500	\$-	\$-	\$ 1,890	\$ 4,600	\$-	<u>                                     </u>	\$	6,990
25	65% Design							Hourly Subtotal	Subt	otal Cost
23	0570 Design									-
	Hourly Subtotal	0	0	0	) (	0	0	0		
	Cost	\$-	\$-	\$-	\$ -	\$ -	\$-	<u> </u>	\$	-
30	95% Design			ſ	Γ	T		Hourly Subtotal 0		otal Cost
	Hourly Subtotal	0	0	0		) 0	0		Ş	
	Cost	\$ -							\$	-
35	Construction Documents			1	1	1				otal Cost
	Hourly Subtotal	0	0	0		) 0	0	0		-
	Cost	\$ -							\$	-
				•		1.		I		
73	<b>Compliance Review and Perm</b>	i						,		otal Cost
									\$	-
	Hourly Subtotal Cost	0 \$-				) 0 \$ -		0	\$	-
	Cost	Ş -			Ş -	- -	Ş -	<u> </u>	Ş	
37	Bid Phase Services							Hourly Subtotal	Subto	otal Cost
								0		-
	Hourly Subtotal	0						0		$ \longrightarrow $
	Cost	\$-	\$-	\$-	\$-	\$-	\$-		\$	-
85								Hourly Subtotal	Subto	otal Cost
								0		-
	Hourly Subtotal	0				-				]
	Cost	\$-	\$-	\$-	\$-	\$-	\$-	<u> </u>	\$	-
85								Hourly Subtotal	Subt	otal Cost
35										-
	Hourly Subtotal	0	0	0	0 0	0	0			
	Cost	\$-	\$-	\$-	\$ -	\$-	\$-		\$	-
r		-	-				-			
	Discipline Totals Design Services	2 \$ 500		0 0 \$ -	18 \$ 1,890			40	\$	6,990
L	Design Services	- 500	-	-	,050 v	<del>ب</del> ,000		il	ş	0,990

11/29/2021

#### Skagway Transfer Facility Design Bidding and Construction Services Option C

### PDC Engineers

### 11/29/2021

				FIRE P	ROTECTIC	DN				
		Principal								
		Fire	Senior Fire		Project Fire		Fire	Lead		
		Protection						Engineering		
#	TASK	Engineer	Engineer	Engineer	Engineer	Engineer	EIT	Technician		
	Billing Rate (\$/hr)	\$250.00	\$205.00	\$175.00	\$140.00	\$130.00	\$105.00	\$110.00		
22	35% Design								Hourly Subtotal	Subtotal Cost
~~	Set Up Project, Review Past Submittal,		r i i i i i i i i i i i i i i i i i i i		r i i i i i i i i i i i i i i i i i i i	r i i i i i i i i i i i i i i i i i i i			Subtotal	Subtotal Cost
	Kickoff mtg	1	2			5		1	9	\$ 1,420
	Code Review		2			5			7	\$ 1,060
	New Sprinkler Design - Not Included		0			0		0	0	¢
	Fire Alarm System - Not Included		0			0		U	0	\$ - \$ -
	Design Narative		3			8			11	\$ 1,655
	Project Coordination		2			2		2	6	
	Cost Estimate Review		2						2	
	QC	3	1						4	\$ 955
	Site Trip after 35% Submittal		16						16	\$ 3,280
	Drawings - Egress, Fire Life Safety Functions		2			8		6	16	\$ 2,110
	Review Meetings		2			2		1	10	\$ 780
	Hourly Subtotal	4	32	0	0		0		76	
	Cost	\$ 1,000	\$ 6,560	\$ -	\$-	\$ 3,900	\$-	\$ 1,100		\$ 12,560
25	65% Design								Hourly Subtotal	Subtotal Cost
25	Pick up Review Comments		4		1	4		4	Subtotal 12	Subtotal Cost \$ 1,780
		1	1	1	t	1		1		. 1,750
	Update Design Narrative, Spec TOC	1	2			4			6	\$ 930
	Cost Estimate Review		2						2	\$ 410
	Meetings	1	2			4			6	\$ 930
	Update Drawings Sprinkler/Eire Alarm System	1	2			4		4	10	
	Sprinkler/Fire Alarm System Project Coordination	1	2			2			4	
	Site Trip After 65% Submittal (0)	1			t			1	4	\$ -
	QC	1	1						2	\$ 455
	Hourly Subtotal	1	15	0	0		0		42	
	Cost	\$ 250	\$ 3,075	\$-	\$-	\$ 2,340	\$-	\$ 880		\$ 6,545
_									Usualu	
30	95% Design								Hourly Subtotal	Subtotal Cost
50	Pick up Review Comments		2			3		4		
	Update Design Narrative, Drawings									
			2			2		2	6	\$ 890
	Cost Estimate Review	1	2						3	\$ 660
	Project Specifications Review Cost Estimate		2			4			6	\$ 930 \$ 205
						2				
	Project Coordination Update Calculations		1			2			3	\$ 465 \$ 465
	Project Coordination Update Calculations QC	1	1 1 2			2			3	\$ 465 \$ 465 \$ 660
	Update Calculations QC Hourly Subtotal	2	1 2 13	0	0	2	0		3	\$ 465 \$ 660
	Update Calculations QC		1	0 \$ -	0 \$ -	2	0 \$ -	6 \$ 660	3	\$ 465
	Update Calculations QC Hourly Subtotal	2	1 2 13	0 \$ -	0 \$ -	2	0 \$ -		3 3 34	\$ 465 \$ 660
35	Update Calculations QC Hourly Subtotal	2	1 2 13	0 \$-	0 \$-	2	0 \$-		3	\$ 465 \$ 660
35	Update Calculations QC Hourly Subtotal Cost Construction Documents	2	1 2 13 \$ 2,665	0 \$ -	0 \$ -	2 13 \$ 1,690	0 \$ -		3 34 Hourly Subtotal	\$ 465 \$ 660 \$ 5,515 Subtotal Cost
35	Update Calculations QC Hourly Subtotal Cost Construction Documents Phase coordination and correspondence	2	1 2 13 \$ 2,665	0 \$ -	0 \$ -	2 13 \$ 1,690	0 \$ -	\$ 660	3 34 34 Hourly Subtotal 3	\$ 465 \$ 660 \$ 5,515 Subtotal Cost \$ 465
35	Update Calculations QC GC Gost Construction Documents Phase coordination and correspondence Final Drawings	2	1 2 13 \$ 2,665	0 \$	0 \$ -	2 13 \$ 1,690	0 \$		3 34 34 Hourly Subtotal 3 8	\$ 465 \$ 660 \$ 5,515 Subtotal Cost \$ 465 \$ 1,110
35	Update Calculations QC Hourly Subtotal Cost Construction Documents Phase coordination and correspondence Final Drawings Final Specifications	2	1 2 13 \$ 2,665	0 \$	0 \$	2 13 \$ 1,690	0 \$ -	\$ 660	3 34 Hourly Subtotal 3 8 6	\$ 465 \$ 660 \$ 5,515 \$ 5,515 \$ subtotal Cost \$ 465 \$ 1,110 \$ 930
35	Update Calculations QC GC Gost Construction Documents Phase coordination and correspondence Final Drawings	2	1 2 13 \$ 2,665	<u> </u>	0 \$ -	2 13 \$ 1,690	<u> </u>	\$ 660	3 34 Hourly Subtotal 3 8 6	\$ 465 \$ 660 \$ 5,515 Subtotal Cost \$ 465 \$ 1,110 \$ 930 \$ 670
35	Update Calculations QC Hourly Subtotal Cost Construction Documents Phase coordination and correspondence Final Drawings Final Specifications Update Calculations Update Calculations	2 \$ 500	1 2 3 3 2,665 1 1 2 2 2 2 2 2 2	<u> </u>	\$	2 13 \$ 1,690 2 2 2 2 4 4 2	0 \$ -	\$ 660	3 34 34 Subtotal 3 6 6 4	\$ 465 \$ 660 \$ 5,515 Subtotal Cost \$ 465 \$ 1,110 \$ 930 \$ 670
35	Update Calculations QC Update Calculations Cost Construction Documents Phase coordination and correspondence Final Specifications Update Calculations Update Calculations QC	2 \$ 500	1 2 3 3 5 2,665 1 2 2 2 2 2 2 4	\$ -	\$	2 13 \$ 1,690 2 2 2 4 4 2	\$ -	\$ 660	3 34 34 Subtotal 3 8 6 4 7	\$ 465 \$ 660 \$ 5,515 Subtotal Cost \$ 465 \$ 1,110 \$ 930 \$ 670
35	Update Calculations QC Hourly Subtotal Cost Construction Documents Phase coordination and correspondence Final Drawings Final Specifications Update Calculations QC Hourly Subtotal	2 \$ 500	1 2 3 3 \$ 2,665 1 2 2 2 2 2 2 2 4 4 11	\$ -	\$	2 13 \$ 1,690 2 2 2 4 4 2 10	\$ -	\$ 660	3 3 34 Hourly Subtotal 3 8 6 4 7 28	\$ 465 \$ 660 \$ 5,515 \$ 1,110 \$ 930 \$ 670 \$ 1,570
	Update Calculations QC Hourly Subtotal Cost Construction Documents Phase coordination and correspondence Final Drawings Final Specifications Update Calculations QC Hourly Subtotal Cost	2 \$ 500	1 2 3 3 \$ 2,665 1 2 2 2 2 2 2 2 4 4 11	\$ -	\$	2 13 \$ 1,690 2 2 2 4 4 2 10	\$ -	\$ 660	3 34 34 Subtotal 3 8 6 4 7 28 28 Hourly	\$ 465 \$ 660 \$ 5,515 Subtotal Cost \$ 465 \$ 1,110 \$ 930 \$ 670 \$ 1,570 \$ 1,570 \$ 4,745
	Update Calculations QC Hourly Subtotal Cost Construction Documents Phase coordination and correspondence Final Drawings Final Specifications Update Calculations QC Hourly Subtotal Cost Compliance Review and Perm SFMO Coordination	2 \$ 500	1 2 3 3 \$ 2,665 1 2 2 2 2 2 2 2 4 4 11	\$ -	\$	2 13 \$ 1,690 2 2 2 4 4 2 10	\$ -	\$ 660	3 3 34 Hourly Subtotal 3 8 6 4 7 28	\$ 465 \$ 660 \$ 5,515 \$ 1,110 \$ 930 \$ 670 \$ 1,570
	Update Calculations QC Hourly Subtotal Cost Construction Documents Phase coordination and correspondence Final Drawings Final Specifications Update Calculations QC Hourly Subtotal Cost Compliance Review and Perm SFMO Coordination Hourly Subtotal	2 \$ 500 3 3 3 5 750	1 2 13 \$ 2,665 1 2 2 2 2 2 4 4 11 \$ 2,255 2,255	\$	\$     0	2 13 \$ 1,690 2 2 2 4 2 10 \$ 1,300 \$ 1,300 8 8 8	\$  \$ 0 \$	\$ 660 4 5 440	3 3 34 34 34 34 3 3 8 6 6 4 7 28 4 7 28 4 9 4 9 28 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10	\$         465           \$         660           \$         5,515           \$         5,515           \$         465           \$         1,110           \$         930           \$         670           \$         1,570           \$         4,745           \$         4,745
	Update Calculations QC Hourly Subtotal Cost Construction Documents Phase coordination and correspondence Final Drawings Final Specifications Update Calculations QC Hourly Subtotal Cost Compliance Review and Perm SFMO Coordination	2 \$ 500 3 \$ 750	1 2 13 \$ 2,665 2 2 2 2 2 2 2 4 11 \$ 2,255	\$	\$	2 13 \$ 1,690 2 2 2 4 4 2 10 10 \$ 1,300	\$  \$	\$ 660 4 5 440	3 3 34 Hourly Subtotal 3 8 6 4 4 7 7 28 28 4 9 7 28 50 11	\$ 465 \$ 660 \$ 5,515 Subtotal Cost \$ 465 \$ 1,110 \$ 930 \$ 670 \$ 0,570 \$ 1,570 \$ 4,745 Subtotal Cost
	Update Calculations QC Hourly Subtotal Cost Construction Documents Phase coordination and correspondence Final Drawings Final Specifications Update Calculations QC Hourly Subtotal Cost Compliance Review and Perm SFMO Coordination Hourly Subtotal	2 \$ 500 3 3 3 5 750	1 2 13 \$ 2,665 1 2 2 2 2 2 4 4 11 \$ 2,255 2,255	\$	\$     0	2 13 \$ 1,690 2 2 2 4 2 10 \$ 1,300 \$ 1,300 8 8 8	\$  \$ 0 \$	\$ 660 4 5 440	3 3 34 Hourly Subtotal 6 4 7 28 Hourly Subtotal 11 11	\$         465           \$         660           \$         5,515           \$         5,515           \$         465           \$         1,110           \$         930           \$         670           \$         1,570           \$         4,745           \$         4,745
	Update Calculations QC Hourly Subtotal Cost Construction Documents Phase coordination and correspondence Final Drawings Final Specifications Update Calculations QC Hourly Subtotal Cost Compliance Review and Perm SFMO Coordination Hourly Subtotal	2 \$ 500 3 3 3 5 750	1 2 13 \$ 2,665 1 2 2 2 2 2 4 4 11 \$ 2,255 2,255	\$	\$     0	2 13 \$ 1,690 2 2 2 4 2 10 \$ 1,300 \$ 1,300 8 8 8 8	\$  \$ 0 \$	\$ 660 4 5 440	3 3 34 Hourly Subtotal 3 8 6 4 4 7 7 28 28 4 9 7 28 50 11	\$ 465 \$ 660 \$ 5,515 Subtotal Cost \$ 465 \$ 1,110 \$ 930 \$ 930 \$ 930 \$ 475 \$ 4,745 Subtotal Cost \$ 4,745 Subtotal Cost \$ 1,655
73	Update Calculations QC Update Calculations Construction Documents Phase coordination and correspondence Final Drawings Final Specifications Update Calculations QC Hourly Subtotal Cost Compliance Review and Perm SFM0 Coordination Hourly Subtotal Cost	2 \$ 500 3 3 3 5 750	1 2 13 \$ 2,665 1 2 2 2 2 2 4 4 11 \$ 2,255 2,255	\$	\$     0	2 13 \$ 1,690 2 2 2 4 2 10 \$ 1,300 \$ 1,300 8 8 8 8	\$  \$ 0 \$	\$ 660 4 5 440	3 3 34 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	\$         465           \$         660           \$         5,515           \$         5,515           \$         465           \$         1,110           \$         930           \$         670           \$         1,570           \$         4,745           \$         4,745
73	Update Calculations QC Update Calculations QC Construction Documents Phase coordination and correspondence Final Drawings Final Specifications Update Calculations QC Hourly Subtotal Cost Compliance Review and Perm SFMO Coordination Hourly Subtotal Cost Bid Phase Services Pre-Bid Mtg	2 \$ 500 3 3 \$ 750 0 \$ -	1 2 13 \$ 2,665 2 2 2 2 2 2 2 4 11 1 \$ 2,255 3 3 \$ 615	\$	\$     0	2 13 \$ 1,690 2 2 2 4 4 2 10 \$ 1,300 8 8 8 8 1,040	\$  \$ 0 \$	\$ 660 4 5 440	3 3 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	\$         465           \$         660           \$         5,515           Subtotal Cost         \$           \$         465           \$         1,110           \$         930           \$         670           \$         1,570           \$         4,745           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655
73	Update Calculations QC Update Calculations QC Construction Documents Phase coordination and correspondence Final Drawings Final Specifications Update Calculations QC Hourly Subtotal Cost Compliance Review and Perm SFMO Coordination Hourly Subtotal Cost Bid Phase Services Pre-Bid Mtg Bidding Coordination, Addendums	2 \$ 500 3 3 3 5 750	1 2 13 \$ 2,665 2 2 2 2 2 2 2 2 4 4 111 \$ 2,255 3 3 3 \$ 615 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	\$	\$     0	2 13 \$ 1,690 2 2 2 4 2 10 \$ 1,300 \$ 1,300 8 8 8 8	\$  \$ 0 \$	\$ 660 4 5 440	3 3 34 Hourly Subtotal 6 4 7 28 Hourly Subtotal 11 11 11 11 11 11 11 11 11 11 11 11 11	\$         465           \$         660           \$         5,515           Subtotal Cost         \$           \$         465           \$         1,110           \$         930           \$         670           \$         1,570           \$         4,745           Subtotal Cost         \$           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655
73	Update Calculations QC Update Calculations Cost Construction Documents Phase coordination and correspondence Final Drawings Final Specifications Update Calculations QC Hourly Subtotal Cost Compliance Review and Perm SFM0 Coordination Hourly Subtotal Cost Bid Phase Services Pre-Bid Mtg Bidding Coordination, Addendums Bid Review	2 \$ 500 3 3 \$ 750 0 \$ -	1 2 13 \$ 2,665 2 2 2 2 4 1 11 \$ 2,255 3 3 3 \$ 615	\$	\$   0 \$ \$ \$   \$                                                                                                                                                                                            _	2 13 5 1,690 2 2 4 2 4 2 100 5 1,300 8 8 5 1,040 2 2 2 2 2 2 2 2 2 2 2 3 4 2 2 2 2 2 2 2 2 2 2 2 2 2	\$ 0 \$ \$ \$	\$ 660 4 4 5 440 5 -	3 3 34 34 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	\$         465           \$         660           \$         5,515           Subtotal Cost         \$           \$         465           \$         1,110           \$         930           \$         670           \$         1,570           \$         4,745           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655
73	Update Calculations QC Update Calculations QC Construction Documents Phase coordination and correspondence Final Drawings Final Specifications Update Calculations QC Hourly Subtotal Cost Compliance Review and Perm SFMO Coordination Hourly Subtotal Cost Bid Phase Services Pre-Bid Mtg Bidding Coordination, Addendums	2 \$ 500 3 3 \$ 750 0 \$ -	1 2 13 \$ 2,665 2 2 2 2 2 2 2 2 4 11 \$ 2,255 3 3 \$ 615 2 5 4 4 10 10	\$	\$	2 13 \$ 1,690 2 2 2 4 2 10 \$ 1,300 \$ 1,300 \$ 1,300 8 8 8 5 1,040	\$ - 0 \$ - \$ -	\$ 660 4 5 440 5 - 1 1	3 3 34 Hourly Subtotal 6 4 7 28 Hourly Subtotal 11 11 11 11 11 11 11 11 11 11 11 11 11	\$         465           \$         660           \$         5,515           Subtotal Cost         \$           \$         465           \$         1,110           \$         930           \$         670           \$         1,570           \$         4,745           Subtotal Cost         \$           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655
73	Update Calculations QC QC QC GO Construction Documents Phase coordination and correspondence Final Specifications Update Calculations QC Hourly Subtotal Cost Compliance Review and Perm SFMO Coordination Hourly Subtotal Cost Bid Phase Services Pre-Bid Mtg Bidding Coordination, Addendums Bid Review	2 \$ 500 3 3 3 750 5 	1 2 13 \$ 2,665 2 2 2 2 2 2 2 2 4 11 \$ 2,255 3 3 \$ 615 2 5 4 4 10 10	\$	\$	2 13 \$ 1,690 2 2 2 4 2 10 \$ 1,300 \$ 1,300 8 8 8 1,040 2 2 2 2 2 2 2 2 2 2 2 2 2	\$ - 0 \$ - \$ -	\$ 660 4 5 440 5 440 5 -	3 3 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	\$         465           \$         660           \$         5,515           \$         5,515           \$         465           \$         1,110           \$         930           \$         670           \$         1,570           \$         4,745           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655
73	Update Calculations QC QC QC GO Construction Documents Phase coordination and correspondence Final Specifications Update Calculations QC Hourly Subtotal Cost Compliance Review and Perm SFMO Coordination Hourly Subtotal Cost Bid Phase Services Pre-Bid Mtg Bidding Coordination, Addendums Bid Review	2 \$ 500 3 3 3 750 5 	1 2 13 \$ 2,665 2 2 2 2 2 2 2 2 4 11 \$ 2,255 3 3 \$ 615 2 5 4 4 10 10	\$	\$	2 13 \$ 1,690 2 2 2 4 2 10 \$ 1,300 \$ 1,300 8 8 8 1,040 2 2 2 2 2 2 2 2 2 2 2 2 2	\$ - 0 \$ - \$ -	\$ 660 4 5 440 5 440 5 -	3 3 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	\$         465           \$         660           \$         5,515           Subtotal Cost         \$           \$         465           \$         1,110           \$         930           \$         670           \$         1,570           \$         4,745           Subtotal Cost         \$           \$         1,655           Subtotal Cost         \$           \$         1,655           Subtotal Cost         \$           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         2,050           \$         2,670
73	Update Calculations QC QC QC GO Construction Documents Phase coordination and correspondence Final Specifications Update Calculations QC Hourly Subtotal Cost Compliance Review and Perm SFMO Coordination Hourly Subtotal Cost Bid Phase Services Pre-Bid Mtg Bidding Coordination, Addendums Bid Review	2 \$ 500 3 3 3 750 5 	1 2 13 \$ 2,665 2 2 2 2 2 2 2 2 4 11 \$ 2,255 3 3 \$ 615 2 5 4 4 10 10	\$	\$	2 13 \$ 1,690 2 2 2 4 2 10 \$ 1,300 \$ 1,300 8 8 8 1,040 2 2 2 2 2 2 2 2 2 2 2 2 2	\$ - 0 \$ - \$ -	\$ 660 4 5 440 5 440 5 -	3 3 34 Hourly Subtotal 3 8 6 4 7 28 Hourly Subtotal 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$         465           \$         660           \$         5,515           \$         5,515           \$         465           \$         1,110           \$         930           \$         670           \$         1,570           \$         4,745           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655
73	Update Calculations QC QC QC GO Construction Documents Phase coordination and correspondence Final Specifications Update Calculations QC Hourly Subtotal Cost Compliance Review and Perm SFMO Coordination Hourly Subtotal Cost Bid Phase Services Pre-Bid Mtg Bidding Coordination, Addendums Bid Review	2 \$ 500 3 3 3 750 5 	1 2 13 \$ 2,665 2 2 2 2 2 2 2 2 4 11 \$ 2,255 3 3 \$ 615 2 5 4 4 10 10	\$	\$	2 13 \$ 1,690 2 2 2 4 2 10 \$ 1,300 \$ 1,300 8 8 8 1,040 2 2 2 2 2 2 2 2 2 2 2 2 2	\$ - 0 \$ - \$ -	\$ 660 4 5 440 5 440 5 -	3 3 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	\$         465           \$         660           \$         5,515           Subtotal Cost         \$           \$         465           \$         1,110           \$         930           \$         670           \$         1,570           \$         4,745           Subtotal Cost         \$           \$         1,655           Subtotal Cost         \$           \$         1,655           Subtotal Cost         \$           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         2,050           \$         2,670
73	Update Calculations QC QC QC GO Construction Documents Phase coordination and correspondence Final Specifications Update Calculations QC Hourly Subtotal Cost Compliance Review and Perm SFMO Coordination Hourly Subtotal Cost Bid Phase Services Pre-Bid Mtg Bidding Coordination, Addendums Bid Review	2 \$ 500 3 3 3 750 5 	1 2 13 \$ 2,665 2 2 2 2 2 2 2 2 4 11 \$ 2,255 3 3 \$ 615 2 5 4 4 10 10	\$	\$	2 13 \$ 1,690 2 2 2 4 2 10 \$ 1,300 \$ 1,300 8 8 8 1,040 2 2 2 2 2 2 2 2 2 2 2 2 2	\$ - 0 \$ - \$ -	\$ 660 4 5 440 5 440 5 -	3 3 34 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	\$         465           \$         660           \$         5,515           Subtotal Cost         \$           \$         465           \$         1,110           \$         930           \$         670           \$         1,570           \$         4,745           Subtotal Cost         \$           \$         1,655           Subtotal Cost         \$           \$         1,655           Subtotal Cost         \$           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         2,050           \$         2,670
73	Update Calculations QC QC QC GO Construction Documents Phase coordination and correspondence Final Specifications Update Calculations QC Hourly Subtotal Cost Compliance Review and Perm SFMO Coordination Hourly Subtotal Cost Bid Phase Services Pre-Bid Mtg Bidding Coordination, Addendums Bid Review	2 \$ 500 3 3 3 750 5 	1 2 13 \$ 2,665 2 2 2 2 2 2 2 2 2 4 4 111 \$ 2,255 3 3 3 \$ 615 2 5 4 4 10 10	\$	\$	2 13 \$ 1,690 2 2 2 4 2 10 \$ 1,300 \$ 1,300 8 8 8 1,040 2 2 2 2 2 2 2 2 2 2 2 2 2	\$ - 0 \$ - \$ -	\$ 660 4 5 440 5 440 5 -	3 3 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	<ul> <li>\$ 465</li> <li>\$ 660</li> <li>\$ 5,515</li> <li>\$ 5,515</li> <li>\$ 465</li> <li>\$ 1,110</li> <li>\$ 930</li> <li>\$ 670</li> <li>\$ 930</li> <li>\$ 670</li> <li>\$ 930</li> <li>\$ 670</li> <li>\$ 4,745</li> <li>\$ 5,515</li> <li>\$ 5,515</li> <li>\$ 5,515</li> <li>\$ 5,515</li> <li>\$ 1,655</li> <li>\$ 1,645</li> <li>\$ 2,670</li> <li>\$ 2,670</li> <li>\$ 2,670</li> <li>\$ 5,516</li> <li>\$ 2,670</li> </ul>
73	Update Calculations QC Update Calculations QC Cost Construction Documents Phase coordination and correspondence Final Drawings Final Specifications Update Calculations QC Hourly Subtotal Cost Bid Phase Services Pre-Bid Mtg Bidding Coordination, Addendums Bid Review Hourly Subtotal Cost Hourly Subtotal Cost	2 \$ 500 3 3 3 750 5 	1 2 13 \$ 2,665 2 2 2 2 2 2 2 4 11 \$ 2,255 3 3 \$ 615 2 5 4 10 \$ 2,050	\$	\$	2 13 \$ 1,690 2 2 2 4 2 10 5 1,300 8 8 8 1,040 2 2 2 2 2 2 2 2 2 2 2 2 2	\$	\$ 660 	3 3 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	<ul> <li>\$ 465</li> <li>\$ 660</li> <li>\$ 5,515</li> <li>\$ 1,515</li> <li>\$ 465</li> <li>\$ 1,110</li> <li>\$ 930</li> <li>\$ 670</li> <li>\$ 1,570</li> <li>\$ 4,745</li> <li>\$ 4,745</li> <li>\$ 4,745</li> <li>\$ 1,655</li> <li>\$ 2,670</li> <li>\$ 205</li> <li>\$ 1,645</li> <li>\$ 2,670</li> </ul>
73	Update Calculations QC Update Calculations QC Construction Documents Phase coordination and correspondence Final Specifications Update Calculations QC Hourly Subtotal Cost Compliance Review and Perm SFMO Coordination Hourly Subtotal Cost Bid Phase Services Pre-Bid Mtg Bid Review Hourly Subtotal Cost	2 \$ 500 3 3 5 750 0 5 - 1 1 5 250	1 2 13 \$ 2,665 2 2 2 2 2 2 2 4 11 \$ 2,255 3 3 \$ 615 2 5 4 10 \$ 2,050	\$	\$	2 13 \$ 1,690 2 2 2 4 2 10 \$ 1,300 8 8 8 5 1,040 2 2 2 2 2 2 2 2 2 2 2 2 2	\$	\$ 660 	3 3 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	<ul> <li>\$ 465</li> <li>\$ 660</li> <li>\$ 5,515</li> <li>\$ 5,515</li> <li>\$ 465</li> <li>\$ 1,110</li> <li>\$ 930</li> <li>\$ 670</li> <li>\$ 930</li> <li>\$ 670</li> <li>\$ 930</li> <li>\$ 670</li> <li>\$ 4,745</li> <li>\$ 5,515</li> <li>\$ 5,515</li> <li>\$ 5,515</li> <li>\$ 5,515</li> <li>\$ 1,655</li> <li>\$ 1,645</li> <li>\$ 2,670</li> <li>\$ 2,670</li> <li>\$ 2,670</li> <li>\$ 5,516</li> <li>\$ 2,670</li> </ul>
73	Update Calculations QC Update Calculations QC Cost Construction Documents Phase coordination and correspondence Final Drawings Final Specifications Update Calculations QC Hourly Subtotal Cost Bid Phase Services Pre-Bid Mtg Bidding Coordination, Addendums Bid Review Hourly Subtotal Cost Update Cost Update Cost Update Services Pre-Bid Mtg Bid Review Hourly Subtotal Cost Update	2 \$ 500 3 3 5 750 0 5 - 1 1 5 250	1 2 13 \$ 2,665 2 2 2 2 2 2 2 4 11 \$ 2,255 3 3 \$ 615 2 5 4 10 \$ 2,050	\$	\$	2 13 \$ 1,690 2 2 2 4 2 10 5 1,300 8 8 8 1,040 2 2 2 2 2 2 2 2 2 2 2 2 2	\$	\$ 660 	3 3 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	<ul> <li>\$ 465</li> <li>\$ 660</li> <li>\$ 5,515</li> <li>\$ 1,515</li> <li>\$ 465</li> <li>\$ 1,110</li> <li>\$ 930</li> <li>\$ 670</li> <li>\$ 1,570</li> <li>\$ 4,745</li> <li>\$ 4,745</li> <li>\$ 4,745</li> <li>\$ 1,655</li> <li>\$ 2,670</li> <li>\$ 205</li> <li>\$ 1,645</li> <li>\$ 2,670</li> </ul>
73 37 85	Update Calculations QC Update Calculations QC Cost Construction Documents Phase coordination and correspondence Final Drawings Final Specifications Update Calculations QC Hourly Subtotal Cost Bid Phase Services Pre-Bid Mtg Bidding Coordination, Addendums Bid Review Hourly Subtotal Cost Update Cost Update Cost Update Services Pre-Bid Mtg Bid Review Hourly Subtotal Cost Update	2 \$ 500 3 3 5 750 0 5 - 1 1 5 250	1 2 13 \$ 2,665 2 2 2 2 2 2 2 4 11 \$ 2,255 3 3 \$ 615 2 5 4 10 \$ 2,050	\$	\$	2 13 \$ 1,690 2 2 2 4 2 10 5 1,300 8 8 8 1,040 2 2 2 2 2 2 2 2 2 2 2 2 2	\$	\$ 660 	3 3 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	<ul> <li>\$ 465</li> <li>\$ 660</li> <li>\$ 5,515</li> <li>Subtotal Cost</li> <li>\$ 465</li> <li>\$ 1,110</li> <li>\$ 930</li> <li>\$ 670</li> <li>\$ 1,570</li> <li>\$ 4,745</li> <li>\$ 4,745</li> <li>\$ 4,745</li> <li>\$ 4,745</li> <li>\$ 4,745</li> <li>\$ 4,745</li> <li>\$ 5,515</li> <li>\$ 5,515</li> <li>\$ 5,515</li> <li>\$ 5,515</li> <li>\$ 5,515</li> <li>\$ 1,655</li> <li>\$ 1,645</li> <li>\$ 2,670</li> </ul>
73	Update Calculations QC Update Calculations QC Cost Construction Documents Phase coordination and correspondence Final Drawings Final Specifications Update Calculations QC Hourly Subtotal Cost Bid Phase Services Pre-Bid Mtg Bidding Coordination, Addendums Bid Review Hourly Subtotal Cost Update Cost Update Cost Update Services Pre-Bid Mtg Bid Review Hourly Subtotal Cost Update	2 \$ 500 3 3 5 750 0 5 - 1 1 5 250	1 2 13 \$ 2,665 2 2 2 2 2 2 2 4 11 \$ 2,255 3 3 \$ 615 2 5 4 10 \$ 2,050	\$	\$	2 13 \$ 1,690 2 2 2 4 2 10 5 1,300 8 8 8 1,040 2 2 2 2 2 2 2 2 2 2 2 2 2	\$	\$ 660 	3 3 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	\$         465           \$         660           \$         5,515           \$         5,515           \$         465           \$         1,110           \$         930           \$         670           \$         1,570           \$         4,745           \$         4,745           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         2,670           \$         1,655           \$         2,670           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$
73 37 85	Update Calculations QC Update Calculations QC Cost Construction Documents Phase coordination and correspondence Final Drawings Final Specifications Update Calculations QC Hourly Subtotal Cost Bid Phase Services Pre-Bid Mtg Bidding Coordination, Addendums Bid Review Hourly Subtotal Cost Update Cost Update Cost Update Services Pre-Bid Mtg Bid Review Hourly Subtotal Cost Update	2 \$ 500 3 3 5 750 0 5 - 1 1 5 250	1 2 13 \$ 2,665 2 2 2 2 2 2 2 4 11 \$ 2,255 3 3 \$ 615 2 5 4 10 \$ 2,050	\$	\$	2 13 \$ 1,690 2 2 2 4 2 10 5 1,300 8 8 8 1,040 2 2 2 2 2 2 2 2 2 2 2 2 2	\$	\$ 660 	3 3 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	<ul> <li>\$ 465</li> <li>\$ 660</li> <li>\$ 5,515</li> <li>Subtotal Cost</li> <li>\$ 465</li> <li>\$ 1,110</li> <li>\$ 930</li> <li>\$ 670</li> <li>\$ 1,570</li> <li>\$ 4,745</li> <li< td=""></li<></ul>
73 37 85	Update Calculations QC Update Calculations QC Cost Construction Documents Phase coordination and correspondence Final Drawings Final Specifications Update Calculations QC Hourly Subtotal Cost Bid Phase Services Pre-Bid Mtg Bidding Coordination, Addendums Bid Review Hourly Subtotal Cost Update Cost Update Cost Update Services Pre-Bid Mtg Bid Review Hourly Subtotal Cost Update	2 \$ 500 3 3 5 750 0 5 - 1 1 5 250	1 2 13 \$ 2,665 2 2 2 2 2 2 2 4 11 \$ 2,255 3 3 \$ 615 2 5 4 10 \$ 2,050	\$	\$	2 13 \$ 1,690 2 2 2 4 2 10 5 1,300 8 8 8 1,040 2 2 2 2 2 2 2 2 2 2 2 2 2	\$	\$ 660 	3         3           3         34           Hourly         Subtotal           3         8           6         4           7         28           Hourly         Subtotal           11         11           9         4           14         9           4         14           0         0           0         0           0         0           0         0           0         0           0         0           0         0	\$         465           \$         660           \$         5,515           \$         465           \$         1,110           \$         465           \$         1,110           \$         930           \$         670           \$         1,570           \$         4,745           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         2,670           \$         2,670           \$         2,670           \$         2,670           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$
73 37 85	Update Calculations QC Update Calculations QC Cost Construction Documents Phase coordination and correspondence Final Drawings Final Specifications Update Calculations QC Hourly Subtotal Cost Bid Phase Services Pre-Bid Mtg Bidding Coordination, Addendums Bid Review Hourly Subtotal Cost Update Cost Update Cost Update Services Pre-Bid Mtg Bid Review Hourly Subtotal Cost Update	2 \$ 500 3 3 5 750 0 5 - 1 1 5 250	1 2 13 \$ 2,665 2 2 2 2 2 2 2 4 11 \$ 2,255 3 3 \$ 615 2 5 4 10 \$ 2,050	\$	\$	2 13 \$ 1,690 2 2 2 4 2 10 5 1,300 8 8 8 1,040 2 2 2 2 2 2 2 2 2 2 2 2 2	\$	\$ 660 	3 3 3 4 Hourly Subtotal 3 8 6 6 4 7 7 28 10 11 11 11 11 9 4 14 14 14 14 14 14 14 14 14 14 14 14 1	<ul> <li>\$ 465</li> <li>\$ 660</li> <li>\$ 5,515</li> <li>Subtotal Cost</li> <li>\$ 465</li> <li>\$ 1,110</li> <li>\$ 930</li> <li>\$ 670</li> <li>\$ 1,570</li> <li>\$ 4,745</li> <li< td=""></li<></ul>
73 37 85	Update calculations QC Update calculations QC Update calculations Cost Construction Documents Phase coordination and correspondence Final Specifications Update calculations Update calculations QC Hourly Subtotal Cost Bid Phase Services Pre-Bid Mtg Bid Review Hourly Subtotal Cost	2 \$ 500 3 3 3 3 750 0 1 1 5 250 0 1 1 5 250	1 2 13 \$ 2,665 2 2 2 2 2 2 4 11 \$ 2,255 3 3 \$ 615 1 5 4 10 \$ 2,050 1 5 4 10 \$ 2,050 1 1 \$ 2,050 1 1 \$ 2,065 1 1 1 \$ 2,255 1 1 \$ 2,055 1 1 \$ 2,055 1 1 1 \$ 2,055 1 1 1 \$ 2,055 1 1 1 \$ 2,055 1 1 1 \$ 2,055 1 1 1 1 \$ 2,055 1 1 1 1 1 1 1 1 1 1 1 1 1	\$	\$	2 13 5 1,690 2 2 4 4 2 10 5 1,300 8 8 8 8 5 1,040 2 2 2 2 2 2 2 2 3 2 6 0 0 5 1,690 0 5 1,000 0 5 1,000 0 5 1,000 0 5 1,000 0 5 1,000 0 5 1,000 0 0 0 0 0 0 0 0 0 0 0 0	\$	\$ 660 	3 3 3 4 Hourly Subtotal 3 6 4 7 2 8 Hourly Subtotal 1 1 1 1 9 4 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	§         465           \$         660           \$         5,515           Subtotal Cost         \$           \$         465           \$         1,110           \$         930           \$         670           \$         1,570           \$         4,745           Subtotal Cost         \$           \$         1,655           Subtotal Cost         \$           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         2,670           \$         2,670           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -      \$         -      \$
73 37 85	Update Calculations QC Update Calculations QC Cost Construction Documents Phase coordination and correspondence Final Drawings Final Specifications Update Calculations QC Hourly Subtotal Cost Bid Phase Services Pre-Bid Mtg Bidding Coordination, Addendums Bid Review Hourly Subtotal Cost Update Cost Update Cost Update Services Pre-Bid Mtg Bid Review Hourly Subtotal Cost Update	2 \$ 500 3 3 5 750 0 5 - 1 1 5 250	1 2 13 2 13 2,665 1 2 2 2 2 2 4 11 \$ 2,255 3 3 5 615 1 1 5 4 10 \$ 2,050 1 1 5 4 10 5 4 10 5 4 10 10 10 10 10 10 10 10 10 10		\$	2 13 \$ 1,690 2 2 4 4 2 10 \$ 1,300 8 8 8 8 1,040 2 2 2 2 2 2 2 2 2 2 3 2 2 4 4 2 2 4 4 2 2 4 4 2 2 4 4 2 2 4 4 2 2 4 4 2 2 4 4 2 2 4 4 2 2 4 4 2 2 4 4 2 2 4 4 2 2 4 4 2 2 4 4 2 2 4 4 2 2 4 4 2 2 4 4 2 2 4 4 2 2 4 4 2 2 4 4 2 2 4 4 2 2 4 4 2 2 2 4 4 2 2 2 2 4 4 2 2 2 2 2 2 2 2 2 2 2 2 2	\$	\$ 660 	3 3 3 4 Hourly Subtotal 3 8 6 6 4 7 7 28 10 11 11 11 11 9 4 14 14 14 14 14 14 14 14 14 14 14 14 1	§         465           \$         660           \$         5,515           Subtotal Cost         \$           \$         465           \$         1,110           \$         930           \$         670           \$         1,570           \$         4,745           Subtotal Cost         \$           \$         1,655           Subtotal Cost         \$           \$         1,655           \$         1,655           \$         1,655           \$         1,655           \$         2,670           \$         2,670           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -           \$         -      \$         -      \$

#### FIRE PROTECTION

### PDC Engineers

### 11/29/2021

#### GEOTECH

		Senior			Senior		
		Geotech	Lab	Technical	Engineering		
#	TASK	Engineer			Technician		
	Billing Rate (\$/hr)	\$200.00	\$105.00	\$110.00	\$115.00	Hourly	
22	35% Design					Subtotal	Subtotal Cost
	Review PND Geotechnical Report	4				4	\$ 800
	Prepare Letter of Recommendations						
		12				12	\$ 2,400 \$ -
	Hourly Subtotal	16	0	0	0	16	<del>ې</del> -
	Cost	\$ 3,200	\$ -	\$ -	\$ -		\$ 3,200
	•						
	(FQ( Desim					Hourly	
25	65% Design					Subtotal 0	Subtotal Cost \$ -
						0	
	Hourly Subtotal	0	0	0	0	0	
	Cost	\$-	\$-	\$-	\$-		\$-
30	95% Design					Hourly Subtotal	Subtotal Cost
50	Review 95% Civil drawings for					Subtotal	Subtotal Cost
	recommendations	4				4	\$ 800
						0	\$-
	Hourly Subtotal	4				4	
	Cost	\$ 800	\$-	\$-	\$-		\$ 800
						Hourly	
35	<b>Construction Documents</b>					Subtotal	Subtotal Cost
						0	\$-
						0	
	Hourly Subtotal	0 \$-		0 \$-		0	\$ -
	Cost	Ş -	\$ -	Ş -	\$ -		Ş -
						Hourly	
73	<b>Compliance Review and Permi</b>		n	1		Subtotal	Subtotal Cost
						0	
	Hourly Subtotal	0	0	0	0	0	\$ -
	Cost	\$ -	\$ -	\$-	\$	0	\$ -
	1	Ŧ		Ť			Ŧ
						Hourly	
37	Bid Phase Services	1		1		Subtotal	Subtotal Cost
						0	
	Hourly Subtotal	0	0	0	0	0	Ý
	Cost	\$ -	\$ -	\$ -	\$ -		\$-
0.5						Hourly	Culture 1 Const
85						Subtotal 0	Subtotal Cost \$ -
						0	
	Hourly Subtotal	0	0	0	0	0	
	Cost	\$-	\$-	\$-	\$-		\$-
	1						
85						Hourly Subtotal	Subtotal Cost
05						Subtotal 0	
						0	
	Hourly Subtotal	0			0	0	
	Cost	\$ -	\$-	\$-	\$-		\$-
	end to zero		-	-			
	Discipline Totals Design Services	20 \$ 4,000		0 \$-	0 \$-	20	\$ 4,000
	Design Services	ə 4,000	- ڊ	ə -	- <i>ډ</i>		ə 4,000

#### Skagway Transfer Facility Design Bidding and Construction Services Option C

# 22 35% Design

Airfare Airfare

Per Dieni Subtotal

Per Diem Subtotal

Shipping Parking Hotel Concrete cyli

Per Diem Subtotal

Teleconterence Co Airfare Rentals Survey GPS Rental arking otel

Subtotal

ete cylinder testing

ra \$ 40.000 man day \$ 125.00

#### REIMBURSABLE EXPENSES Project Manager Structural Mechanical Electrical subtotal Civil Environmental Survey subtotal # Fire Protection Geotech subtotal subtotal subtotal # Item Copies/Prints/Scans (Letter) Copies/Prints/Scans (11x17) unit cost \$ 0.10 \$ 0.20 unit # subtotal # subtota # subtotal # # subtota ea Copies/Prints/Scans (Full Size Dr 1.00 3.00 370.00 450.00 150.00 309.00 25.00 14.00 160.00 40.000 ing 370 370 740 500 Airfare Rentals Survey GPS Rental Shipping Parking Hotel Concrete cylinder testing 30 14 28 42 320 2 28 160 4 160 640 \$ 40.000 n day \$ 125.00 125 250 447 \$ 447 \$ 897 Ś 683 1,852 \$ 2,648 \$ 1,071 25 65% Design Civil Structural Mechanical Electrical Project Manager Environmental Survey **Fire Protection** Geotech Fii subtotal # Item Copies/Prints/Scans (Letter) Copies/Prints/Scans (11x17) unit cost \$ 0.10 \$ 0.20 unit # subtotal # # subtotal \$ · # subtotal # subtotal # \$ - \$ subtotal \$ # subtotal # subtotal # subtotal a \$ 0.20 ea \$ 1.00 avr/ine 3.00 ea \$ 370.00 ea \$ 450.00 lay \$ 150.00 lay \$ 150.00 lay \$ 150.00 lay \$ 160.00 ea \$ 25.00 lay \$ 160.00 ea \$ 40.000 ea \$ 40.000 man day \$ 125.00 man day \$ 125.00 Copies/Prints/Scans (Full Size Teleconference Costing Teleconference Costing Airfare Airfare Rentals Survey GPS Rental Shipping Parking Hotel Concrete cylinder testing 370 28 28 160 125 683 \$ 683 \$ \$ \$ 30 95% Design Civil Electrical Fire Protection Project Manager Structural Mechanical Environmental # subtotal Survey Geotech unit cost \$ 0.10 \$ 0.20 # subtotal # subtotal # subtotal # subtotal \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ Item Copies/Prints/Scans (Letter) Copies/Prints/Scans (11x17) subtotal subtotal # unit # # subtotal # subtotal ppies/Prints/Scans (Full Size 1.00 Teleconference Costing Airfare Airfare Rentals Survey GPS Rental \$ 3.00 \$ 370.00 \$ 370.00 \$ 450.00 \$ 150.00 \$ 309.00 \$ 25.00 \$ 14.00 \$ 160.00 \$ 40.000 a \$ 40.000 aan day \$ 125.000 35 Construction Documents Civil Project Manager Structural Mechanical Electrical Environmental Survey Fire Protection Geotech unit cost \$ 0.10 \$ 0.20 Item Copies/Prints/Scans (Letter) Copies/Prints/Scans (11x12) unit # subtotal # subtotal # subtotal # subtotal subtotal # subtotal # subtotal # ea \$ 1.00 \$ 3.00 \$ 450.00 \$ 150.00 \$ 309.00 \$ 25.00 \$ 14.00 \$ 44.00 Copies/Prints/Scans (Full Size Teleconference Costing day \$ 160.00 ay

73	Compliance Review and Permitting			Pn	oject Manager	Sti	ructural	Me	chanical	E	ectrical		Civil	Environmental		Survey		Fire Pr	otection	G	eotech	Total
	Item	unit	unit cost	#	subtotal	#	subtotal	#	subtotal	#	subtot	al #	subtotal	# subtotal	4	⊭ subt	otal	#	subtotal	#	subto	tal
	Copies/Prints/Scans (Letter)	ea	\$ 0.10		\$ -		\$ -		\$ -		\$	-	\$ -	\$	-	\$	-		\$-		\$	- \$ -
	Copies/Prints/Scans (11x17)	ea	\$ 0.20		\$-		\$ -		\$ ·		\$	-	\$ -	\$	-	\$	-		\$ -		\$	- \$ -
	Copies/Prints/Scans (Full Size Drawing)	ea	\$ 1.00		s -		s -		s -		s	-	s -	s		s			s -		\$	- s -
	Teleconference Costing	hr/line	\$ 3.00		\$-		\$-		\$-		\$	-	\$ -	\$	-	\$	-		\$ ·		\$	- \$ -
											\$	-	ş -	\$		\$			\$ -		\$	- \$ -
											\$	-	\$ -	\$		\$			\$ -		\$	- \$ -
											\$	-	\$ -	\$		\$	-		\$ -		\$	- \$ -
											\$	-	\$ -	\$	-	\$	-		\$ -		\$	- \$ -
											s	-	\$ -	s	-	\$	-		ş .		\$	- \$
											\$	-	ş -	\$	-	\$	-		ş .		\$	- \$ -
											\$	-	ş -	\$		\$			ş -		\$	- \$ -
	Subtotal		1		\$ -		\$-		s -		\$	- 2000	\$ -	s	. ///	\$			\$ -		\$	- \$ -
37	Bid Phase Services			Pn	oject Manager	Sti	ructural	Me	chanical	E	ectrical		Civil	Environmental		Survey		Fire Pr	otection	G	eotech	Total
	Item	unit	unit cost	#	subtotal	#	subtotal	#	subtotal	#	subtota	al #	subtotal	# subtotal		# subt	otal	#	subtotal	#	subto	tal
		ea	\$ 0.10								\$	-	\$ -	\$	-	\$	-		\$-		\$	- \$ -
		ea	\$ 0.20								\$	-	\$ -	\$	-	\$			\$-		\$	- \$ -

4

\$

4

	ea	\$ 0	.10					\$	\$ -	\$ -	\$ -	\$ -	\$	- \$
	ea	\$ 0	.20					\$	\$ -	\$ -	\$ -	\$ -	\$	- \$
	ea	\$ 1	.00					\$	ş -	s -	s -	s -	\$	- \$
Teleconference Costing	hr/line	\$ 3	.00	\$	\$		\$ -	\$	ş -	s -	s -	ş -	\$	- \$
Airfare	ea	\$ 370	.00	\$ -	\$		s -	\$	\$ -	s -	s -	s -	\$	- \$
Airfare	ea	\$ 450	.00	\$ -	\$		\$ -	\$	\$ -	s -	s -	\$ -	\$	- \$
Rentals	day	\$ 150	.00	\$	\$		\$-	\$	\$ -	\$ -	\$ -	\$ -	\$	- \$
Survey GPS Rental	day	\$ 309	.00	\$	\$		\$-	\$	\$ -	\$ -	\$ -	\$ -	\$	- \$
Shipping	ea	\$ 25	.00	\$	\$		\$ -	\$	ş -	s -	s -	ş -	\$	- \$
Parking	day	\$ 14	.00	\$ -	\$		s -	\$	\$ -	s -	s -	s -	\$	- \$
Hotel	day	\$ 160	.00	\$ -	\$		s -	\$	\$ -	s -	s -	s -	\$	- \$
Concrete cylinder testing	ea	\$ 40.0	000	\$ -	\$		\$ -	\$	\$ -	s -	s -	\$ -	\$	- \$
Per Diem	man day	\$ 125	.00	\$	\$		\$-	\$	\$ -	\$ -	\$ -	\$ -	\$	- \$
Subtotal				\$	Ś		s .	\$	 s .	s .	s .	s .	\$	

				Pn	oject Manager		Struct	ural	Me	chanica	1	Ele	ctrical		Civ	vil	En	vironmental	s	Survey	1	Fire Pi	rotectio	on	Geot	ech	То	otal
Item	unit	uni	it cost	#	subtotal	#	SI	ibtotal	#	subto	tal	#	subtot	al #	s	ubtotal	#	subtotal	#	subto	tal	#	subto	tal #	S	ubtotal		
Copies/Prints/Scans (Letter)	ea	\$	0.10		\$		\$			s			\$	-	\$			s -		\$	-		\$	-	\$		\$	
Copies/Prints/Scans (11x17)	ea	\$	0.20		\$		\$			\$			\$		\$			s -		\$			\$	-	\$		\$	
Copies/Prints/Scans (Full Size Drawing)	ea	\$	1.00		s		\$			s			\$		\$	-		s -		s			s	-	\$		s	
Teleconference Costing	hr/line	\$	3.00		\$		\$			s			\$		\$			s -		s			\$		\$		\$	
Airfare	ea	\$	450.00		\$		\$	-		s			\$	-	\$	-		s -		\$	-		Ś	-	\$	-	\$	-
Rentals	day	\$	150.00		\$		\$	-		\$			\$		\$			\$ -		\$	-		\$	-	\$	-	\$	
Survey GPS Rental	day	\$	309.00		\$		\$			\$			\$	-	\$			\$ -		\$	-		\$	-	\$		\$	-
Shipping	ea	\$	25.00		\$		\$			s			\$	-	\$			s -		s			ŝ		\$		\$	
Parking	day	\$	14.00		\$		\$			s			\$	-	\$			s -		s			ŝ		\$		\$	
Hotel	day	\$	160.00		\$		\$			s			\$	-	\$			s -		s			ŝ		\$		\$	
Concrete cylinder testing	ea	\$	40.000		\$		\$	-		s			\$	-	\$	-		s -		\$	-		Ś	-	\$	-	\$	
Per Diem	man day	\$	125.00		\$		\$			\$			\$	-	\$			\$-		\$	-		\$	-	\$		\$	
Subtotal					Ś		Ś			Ś	. 0		\$		6			s .		Ś	. 0		Ś	- ////	Ś		\$	

85					Pro	ject Manager	St	ructu	ral	Me	chanic	al	Ele	ctrical		Civil	En	vironmental	s	urvey	Fire P	rotection	G	eotech	Т	otal
	Item	unit	unit c	ost	#	subtotal	#	sub	total	#	subt	otal #	ŧ	subtotal	#	subtotal	#	subtotal	#	subtotal	#	subtotal	#	subtotal		
	Copies/Prints/Scans (Letter)	ea	\$ (	0.10		\$ -		\$			\$			\$-		ş -		s -		s -		s -		ş -	\$	-
	Copies/Prints/Scans (11x17)	ea	\$	0.20		\$ -		\$			\$			\$-		\$-		s -		\$ -		s -		\$ -	\$	-
	Copies/Prints/Scans (Full Size Drawing)	ea	s ·	1.00		s -		ŝ			s			s -		s -		s -		s -		s -		s -	\$	
	Teleconference Costing	hr/line	\$	3.00		\$.		\$			s			\$-		\$ -		\$ -		s -		s -		\$-	\$	
	Airfare	ea	\$ 370	0.00		\$ -		\$			s			\$ -		\$ -		s -		s -		s -		\$ -		
	Airfare	ea	\$ 450	0.00		\$-		\$	-		s	-		\$-		\$ -		\$-		s -		s -		\$ -	\$	-
	Rentals	day	\$ 150	0.00		\$-		\$	-		\$			\$ -		\$ -		\$-		\$ -		\$ -		\$-		
	Survey GPS Rental	day	\$ 30	9.00		\$ -		\$			\$			\$-		\$-		\$-		\$-		\$-		\$-	\$	-
	Shipping	ea	\$ 25	5.00		\$ -		\$			s			\$ -		\$ -		s -		s -		s -		\$ -	\$	-
	Parking	day	\$ 14	4.00		\$ -		\$			s			\$ -		\$ -		s -		s -		s -		\$ -		
	Hotel	day	\$ 16	0.00		\$ -		\$			s			\$ -		\$ -		s -		s -		s -		\$ -	\$	
	Concrete cylinder testing	ea	\$ 40.	.000		\$-		\$	-		s	-		\$-		\$ -		\$-		s -		s -		\$ -	\$	-
	Per Diem	man day	\$ 12	5.00		\$ -		\$			\$	-	T	\$ -		\$ -		s -		\$ -		\$ -		\$ -		
	Subtotal					\$ .		\$			\$	- 11/1		\$ -		\$ -		s -		\$ -		s -		\$-	\$	

#### **PDC Engineers**

#### 11/29/2021

Total

4,440 1,400 300

196 1,440

. 1,252 9,028

740

56 320

250

1,366

Total

Total

\$

Total



# Attachment C

September 23, 2021

Doug Murray PDC Engineers 9109 Mendenhall Mall Rd, Suite 4 Juneau, AK 99801

#### Re: Skagway Solid Waste Transfer Station Fee Proposal

Doug,

We can provide you with cost estimating services for this project for the fees, outlined below. We have based our fee on the attachment and SOW outlined in your email of 20Sept21.

Please Allow 3 weeks for us to develop the draft estimate for your review, per design level.

This proposal is Fixed Fee for 3 design levels. If the scope changes we reserve the opportunity to renegotiate.

	A	dmin	Est	imator	Sr E	stimator	LS	Totals
Item	Rate	\$94.00		\$80.00		\$147.00		
Construction Cost Estimates								
35% Design Level	1	\$94	20	\$1,600	40	\$5,880	61	\$7,574
65% Design Level	2	\$188	28	\$2,240	60	\$8,820	90	\$11,248
95% Design Level	2	\$188	28	\$2,240	60	\$8,820	90	\$11,248
Project Totals	5	\$470	76	\$6,080	160	\$23,520	241	\$30,070

We look forward to working with you on this project.

Sincerely,

Mfairi

Jay Lavoie President

### **DESIGN SERVICES PROPOSAL**

100

SUMMARY Project: JYW Project No.:	SAL SKG Transfer Facility TBD				sen <b>a a a</b> rba <b>a a a</b> Vall <b>a a a</b> Inc. <b>e</b>
SERVICES	FEE	ТҮРЕ	EXPENSES	ТАХ	TOTAL
Schematic Design	\$6,550	Time/Expense	\$220	\$0	\$6,770
Design Development	\$13,000	Time/Expense	\$220	\$0	\$13,220
Construction Documents	\$5,300	Time/Expense	\$0	\$0	\$5 <i>,</i> 300
Bidding and Negotiations	\$1,100	Time/Expense	\$0	\$0	\$1,100
Construction Administration	\$7,210	Time/Expense	\$440	\$0	\$7 <i>,</i> 650

TOTAL	\$34,040

#### SCHEMATIC DESIGN SERVICES

Project:

JYW Project No.: TBD

**SKG Transfer Facility** 

		Arch	itect				Inte	rior De	sign	Constru	uction N	/lanage	Dra	fter	Exec A	Cler A	ACC	
STAFF:	PMgr	A-III	A-II	A-I	Int III	Int II	ID-III	ID-II	ID-I	CM-III	CM-II	CM-I	D-II	D-I	EA	СА	Α	TOTAL
	\$170	\$140	\$125	\$110	\$95	\$85	\$140	\$115	\$65	\$140	\$120	\$95	\$95	\$85	\$80	\$40	\$85	
ARCHITECTURE:																		
Project Management	1																	
Disc Coor/Doc Review																		
Agency Consul/Rev																		
Schedule Dev/Monitoring																		
Cost Estimates				4														
GoToMeetings																		
Schematic Design Dwgs				40														
Outline Specs																		
Energy Analysis																		
Code Analysis																		
Presentations																		
Quality Control																		
Site Visit				12														
Submittal				2														
Subtotal Hours		0	0	58	0	0	0	0	0	0	0	0	0	0	0	0	0	59
Subtotal Dollars \$	170	0	0	6,380	0	0	0	0	0	0	0	0	0	0	0	0	0	\$6,550

#### **CONSULTANTS:**

	Civil Engineering	
	Structural Engineering	
	Mechanical Engineering	
	Electrical Engineering	
	Hazardous Materials Investigation	
	Landscape Architecture	
	Cost Estimating	
	Subtotal	\$0
	Overhead/Profit 10%	\$0
	Consultants Total Labor	\$0
Subtotal Schematic Design Services LABOR		\$6,550
Subtotal Schematic Design Services REIMBURSABLES (see attached)		\$220
TOTAL SCHEMATIC DESIGN SERVICES FEE		\$6,770



Subtotal Design Development Services LABOR

TOTAL DESIGN DEVELOPMENT SERVICES FEE

Subtotal Design Development Services REIMBURSABLES (see attached)

#### DESIGN SERVICES PROPOSAL

#### **DESIGN DEVELOPMENT SERVICES**

Project:

JYW Project No.: TBD

**SKG Transfer Facility** 

		Arch	itect				Inte	rior De	sign	Constru	uction N	/lanage	Dra	fter	Exec A	Cler A	ACC	
STAFF:	PMgr	A-III	A-II	A-I	Int III	Int II	ID-III	ID-II	ID-I	CM-III	CM-II	CM-I	D-II	D-I	EA	CA	Α	TOTAL
	\$170	\$140	\$125	\$110	\$95	\$85	\$140	\$115	\$65	\$140	\$120	\$95	\$95	\$85	\$80	\$40	\$85	
ARCHITECTURE:																		
Project Management	4																	
Disc Coor/Doc Review																		
Agency Consul/Rev																		
Schedule Dev/Monitoring																		
Cost Estimates																		
Meetings																		
Design Development Dwgs				60														
Specifications				40														
Energy Analysis																		
Code Analysis																		
Presentations																		
Quality Control																		
Site Visit				12														
Submittal																		
Subtotal Hours	4	0	0	112	0	0	0	0	0	0	0	0	0	0	0	0	0	116
Subtotal Dollars \$	680	0	0	12,320	0	0	0	0	0	0	0	0	0	0	0	0	0	\$13,000

# CONSULTANTS:

	\$220 \$13,220
	\$13,000
Consultants Total Labor	\$0
Overhead/Profit 10%	\$0
Subtotal	\$0
Cost Estimating	
Landscape Architecture	
Hazardous Materials Engineering	
Electrical Engineering	
Mechanical Engineering	
Structural Engineering	
Civil Engineering	

### CONSTRUCTION DOCUMENT SERVICES

Project:

**SKG Transfer Facility** JYW Project No.: TBD

		Arch	itect				Inte	rior De	sign	Constru	uction N	Manage	Dra	fter	Exec A	Cler A	ACC	
STAFF:	PMgr	A-III	A-II	A-I	Int III	Int II	ID-III	ID-II	ID-I	CM-III	CM-II	CM-I	D-II	D-I	EA	CA	Α	TOTAL
	\$170	\$140	\$125	\$110	\$95	\$85	\$140	\$115	\$65	\$140	\$120	\$95	\$95	\$85	\$80	\$40	\$85	
ARCHITECTURE:																		
Project Management	4																	
Disc Coor/Doc Review																		
Agency Consul/Rev																		
Schedule Dev/Monitoring																		
Cost Estimates																		
Meetings																		
Construction Dwgs				20														
Specifications				20														
Energy Analysis																		
Code Analysis																		
Presentations																		
Quality Control																		
LEED																		
Submittal				2														
Subtotal Hours		0	0	42	0	0	0	0	0	0	0	0	0	0	0	0	0	46
Subtotal Dollars \$	680	0	0	4,620	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5,300

#### **CONSULTANTS:**

	Civil Engineering	
	Structural Engineering	
	Mechanical Engineering	
	Electrical Engineering	
	Hazardous Materials Engineering	
	Landscape Architecture	
	Cost Estimating	
	Subtotal	\$0
	Overhead/Profit 10%	\$0
	Consultants Total Labor	\$0
Subtotal Construction Document Services LABOR		\$5,300
Subtotal Construction Document Services REIMBURSABLES (see attached)		\$0
TOTAL CONSTRUCTION DOCUMENT SERVICES FEE		\$5,300



#### **BIDDING AND NEGOTIATION SERVICES**

**SKG Transfer Facility** 

Project:

JYW Project No.: TBD

	Architect				Interior Design			<b>Construction Manage</b>			Drafter		Exec A Cler A		ACC			
STAFF:	PMgr	A-III	A-II	A-I	Int III	Int II	ID-III	ID-II	ID-I	CM-III	CM-II	CM-I	D-II	D-I	EA	СА	Α	TOTAL
	\$170	\$140	\$125	\$110	\$95	\$85	\$140	\$115	\$65	\$140	\$120	\$95	\$95	\$85	\$80	\$40	\$85	
ARCHITECTURE:																		
Project Management																		
Disc Coor/Doc Review																		
Agency Consul/Rev																		
Schedule Dev/Monitoring																		
Pre Bid Meeting																		
Bidding Materials																		
Addenda																		1
Bidding/Negotiation				10														
Analysis of Alts/Subs																		
Special Bidding																		
Bid Evaluation																		
Construction Contract																		
Subtotal Hours	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Subtotal Dollars \$	0	0	0	1,100	0	0	0	0	0	0	0	0	0	0	0	0	0	\$1,100

#### CONSULTANTS:

Civil Engineering Structural Engineering Mechanical Engineering Electrical Engineering Hazardous Materials Engineering Landscape Architecture

	Subtotal Overhead/Profit 10% Consultants Total Labor	\$0 % \$0 \$0
Subtotal Bidding and Negotiation Services LABOR		\$1,100
Subtotal Bidding and Negotiation Services REIMBURSABLES (see attached)		\$0
TOTAL BIDDING AND NEGOTIATION SERVICES FEE		\$1,100

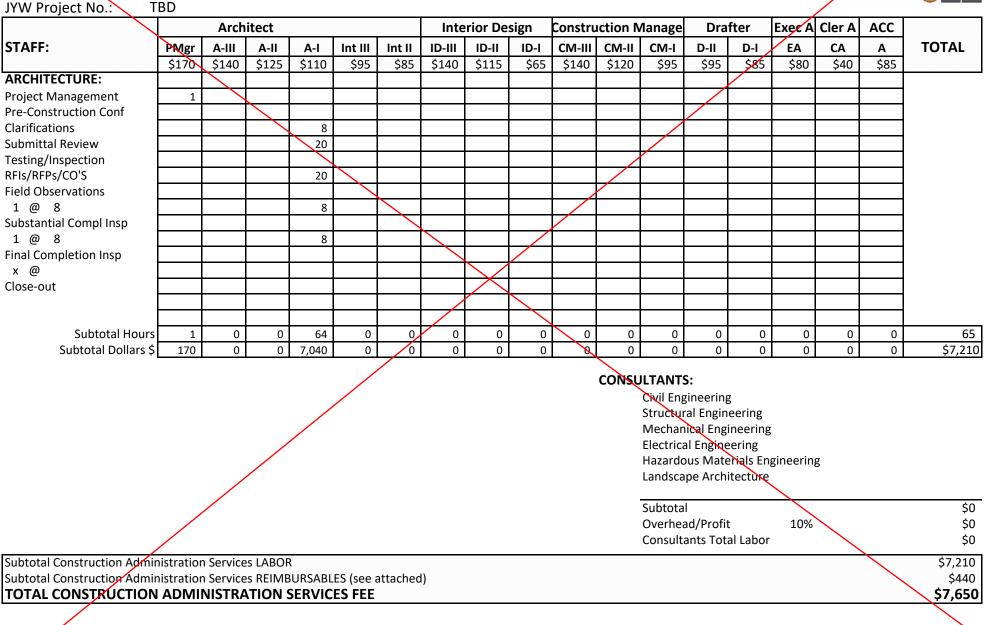
Jensen Yorba Wall Inc.

DESIGN SERVICES	PROPOSAL
-----------------	----------

#### CONSTRUCTION ADMINISTRATION

Project:

SKG Transfer Facility TBD





9/24/2021

DESIGN SERV R <b>EIMBURS</b> YW Project N YW Project N	No.: SK	PENSES (G Transfer F	acility							Jensen Yorba Wall Inc.	
HASE:			10 Pre-D	20 Site	30 SD	40 DD	50 CD	60 BID	70 CA	80 CO	TOTAL
RAVEL											
Arch		Trips	0	0	1	1	0	0	2	0	4
	Cost	Ş200	\$0.00	\$0.00	\$200.00	\$200.00	\$0.00	\$0.00	\$400.00	\$0.00	\$800
Civil		Tring	ol	0	0	0	0	0	0	0	0
21711	Cost	Trips <b>\$0</b>	<b>0</b> \$0.00	\$0.00	\$0.00	\$0.00	<b>0</b> \$0.00	\$0.00	\$0.00	<b>0</b> \$0.00	0 \$0
	COSL	ŞU	Ş0.00	Ş0.00	Ş0.00	Ş0.00	Ş0.00	Ş0.00	<b>30.00</b>	Ş0.00	ŲÇ
itruct		Trips	0	0	0	0	0	0	0	0	0
	Cost	\$0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
		iI			· .	· .		· .	· ·		
Леch	_	Trips	0	0	0	0	0	0	0	0	0
	Cost	\$0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
					a a				8	8	
lect	<b>–</b>	Trips	0	0	0	0	0	0	0	0	0
	Cost	\$0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
Other		Trips	0	0	0	0	0	0	0	0	0
Julei	Cost	\$0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
ubtotal	COSt	ΨŪ	\$0	\$0.00 \$0	\$200	\$200	\$0	\$0	\$400	\$0.00 \$0	\$800
			75	1-			1-	7-			7000
R DIEM											
rch		No. Days	0	0	0	0	0	0	0	0	0
livil		No. Days	0	0	0	0	0	0	0	0	0
itruct		No. Days	0	0	0	0	0	0	0	0	0
Леch		No. Days	0	0	0	0	0	0	0	0	0
lect		No. Days	0	0	0	0	0	0	0	0	0
Other	<b>—</b>	No. Days	0	0	0	0	0	0	0	0	0
- + - 1	Rate	\$0	<b>0</b> \$0	<b>0</b> \$0	<b>0</b> \$0	<b>0</b> \$0	0	<b>0</b> \$0	<b>0</b> \$0	<b>0</b> \$0	0 \$0
otal			ŞU	ŞU	ŞU	ŞU	\$0	ŞU	ŞU	ŞU	ŞU
RINTING/CC	PYING										
1 x 17 Copy		No. Sheets	0	0	0	0	0	0	0	0	0
.,	Rate	\$0.25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
etter Copy:		No. Sheets	0	0	0	0	0	0	0	0	0
	Rate	\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
otal			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CANS		Rate	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D's		Rate	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
DSTAGE/CO	URIER	Rate	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ISSCELANE	ous	Rate	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
IGIN REIME	3	Rate	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENDERINGS		Rate	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		hate	40 20	9 <del>0</del>	40 4	40 40	7 <b>0</b>	40 4	ΨΨ.	ΨŪ	ŲÇ
u /p		1.00/	40	40	400	400	40	40	440	40	
H/P		10%	\$0	\$0	\$20	\$20	\$0	\$0	\$40	\$0	\$80
OTAL REIMI			\$0	\$0	\$220	\$220	\$0	\$0	\$440	\$0	\$880