



September 29, 2022

Brad Ryan
Municipality of Skagway Manager
PO Box 415
Skagway, AK 99840

**Re: Skagway Ore Dock 2023 Emergency Project – Design & Construction Support
KPFF Scope and Fee Amendment
Project No. 10092100135**

Brad,

We have prepared this scope of work based on conversations with your team about the Municipality of Skagway's (MOS) need to service larger cruise ships at the existing Ore Dock

General Project Understanding

Due to the closer of the north Rail Road Dock berth the Ore Dock will be required to dock larger cruise ships in the 2023 season. To accomdate the larger ships modifications will be made to address the gangway locations and larger mooring loads.

The modifications will need to be permitted and built before April of 2023.

Design Items

KPFF has assembled a team of subconsultants to aid in design and permitting including:

1. Anchor QEA – Environmental permitting
2. Hailey & Aldrich (Formerly Hart Crowser) – Geotechnical Engineering/Special Inspections
3. Glostén – Naval Architecture – Barge and wave modeling
4. Echelon Engineering – Dive Survey

KPFF Scope of Proposed Services

KPFF proposes to provide the following services as part of this scope and fee proposal:

Task 1: Project Management and Coordination

KPFF will provide general project administration, invoicing and coordination with subconsultants and MOS staff.

- Monthly invoices will be provided for this work
- Coordination with subconsultants includes weekly design meetings.

- This task also includes regular meetings with MOS to discuss questions and make collaborative decisions on the direction of the project.

Task 2: Expedited Design & Mooring Analysis & Site Investigation

KPFF has been working with MOS and their Cruise Lines partners to complete several mooring analysis studies to determine an effective mooring solution. KPFF's mooring analysis will be finalized into a report and sent to the MOS for the cruise lines to assess. KPFF has been and will continue to work with the cruise lines to evaluate the mooring solutions.

The apparent solution for the 2023 mooring layout includes the design and installation of the following components:

1. Demolition of existing timber docks for new structures
2. Installation of a temporary barge for ship gangways to land on
 - a. Guide piles and pile hoops on the barge
 - b. Procure and install a 125' gangway, attaching to the existing concrete dock
3. Verify the existing dolphin and bollard capacity that will remain
 - a. Possibly design piles to reinforce the existing dolphins
4. Accelerate the ore loader demo drawings from 30% to 100%
5. Design new bollards to be attached to the ore loader platforms
6. Accelerate the design of a new mooring dolphin from 30% to 100%

KPFF will assemble complete drawings and technical specifications ready for bidding and construction for these components.

KPFF has included an optional scope item for underwater investigations of the existing mooring dolphins to remain in use for the 2023 season. The dive will be performed by Echelon Engineers who have familiarity with the site. The final design checks will determine if these structures are going to be heavily relied on and need to be verified or not.

Task 3: Project Environmental & City Permitting

KPFF will support permitting requirements for this project to have accelerated permitting. Subconsultant Anchor QEA will lead the permitting efforts, coordinate the applications, and work the local, state and federal permitting agencies. See the detail scope of work attached for additional information. KPFF will develop permit drawings. During the permit review process KPFF will provide environmental permit support responding to permitting agency review comments.

KPFF will submit the 100% drawings to the MOS building department for review and approval.

Task 4: Bidding Documents and Bid Support

During design KPFF will prepare a pre-bid notice drawing package for contractors to be aware of the project and provide comments on the plans to MOS.

KPFF will work with suppliers to provide the MOS with bids on key items that will need to be pre-procured to meet project schedule. These items include:

1. A barge to lease for the 2023 season
2. Steel piles for the project
3. Floating fenders for the project (ore dock and Broadway dock)
4. A 125 foot long gangway

After completion of the design KPFF will work with the MOS to assemble following items:

1. Prepare bidding documents including:
 - a. Drawings
 - b. Technical and non-technical specifications
 - c. Bid form & Engineers Estimate
2. Provide bid support responding to bidder questions and issuing addenda
3. Provide bid selection guidance
4. KPFF will lead a mandatory pre-bid site walk with bidders

Bidding Deliverables:

1. Bid Drawings
2. Bid Specifications
3. Bid Form

Tasks 5: Engineering Construction Support

KPFF will provide Construction Support Services (CSS) from contract award through construction closeout anticipated near to be in late March of 2023. It is assumed that CSS will begin in December of 2022 to review contractor preconstruction submittals. Exact timing will be dependent on when the construction Contractor is under contract.

Weekly Construction Meetings – The design team will attend weekly construction meetings. It is assumed that KPFF will attend each weekly construction meeting (virtually or in person) for an approximately 4-month duration for the construction.

RFI Responses – The design team will respond to Contractor’s Requests for Information (RFI’s). KPFF has assumed a basis of 20 RFI’s with an average review time of 2.5 hours each. Actual level of effort will be determined by the number and type of RFI’s received from the Contractor.

Submittal Review – The design team will review Contractor submittals and coordinate team responses. The design team will review all technical submittals (Division 2 and greater from the specifications) along with limited number of the relevant Division 0 and 1 submittals. KPFF has assumed a basis of 10 submittals with an average review time of 3.5 hours each. Some larger submittals, such as the demolition work plan will require up to 8 hours of review time. The design team will also review the technical elements of and provide recommendations for more specific Change Order requests/proposals.

Final Walkthrough and Punch List Evaluation – The design team will assist the construction management team with performing the final walk through and generating the punch list. This is assumed to include one site visit and an additional follow up site visit to verify punch list work has been completed for the General Contractor construction items. Time has been included to process and evaluate punch list items.

Task 6: Construction Management

KPFF will provide Construction Project Management and Administration services following award of the construction contract. Generally, this will include providing quality assurance, project coordination and document control.

KPFF will plan to have Construction Management (CM) personnel on site during the heavy periods of construction. This scope assumes KPFF a CM will be onsite up to 6 weeks in two long duration stays with one shorter visit at project punch list and one a final close out. This scope assumes that the CM will be full time on the project for the 6 weeks of onsite work and approximately half-time for the remaining 8 weeks of contractor procurement and construction.

Pre-Construction Meeting – KPFF will facilitate a Pre-Construction Meeting including Design Team representatives, MOS, the Construction Contractor, and others as required. KPFF will prepare and distribute the meeting minutes to all attendees and stakeholders.

Contract Administration – KPFF will provide Construction Management and Contract Administration and be the point of contact for MOS, the Contractor, and the Design Team. KPFF will facilitate communications as required and maintain an accurate record of correspondence. Correspondence will be provided to MOS, the Contractor, and Design Team as needed.

KPFF will provide interpretation of the Plans and Contract Provisions and will monitor and document the Contractor’s conformance with these documents.

KPFF will review and monitor the Contractor’s construction plans and schedule and track contract working days with respect to contract requirements and changes.

Communications – KPFF will prepare an agenda and facilitate weekly construction meetings with MOS, the Contractor, and others as required. Meetings will allow the Contractor to present schedule updates, discussion of milestone dates, discussion of problems/issues encountered or upcoming, and provide an opportunity for MOS and the Design Team to discuss any concerns. Meeting minutes will be prepared and distributed to MOS, the Contractor, the Design Team, and others as required.

Submittal Review/Recommendations – KPFF will receive, distribute for review, track and return to the Contractor all technical submittals required for review by the Engineer of Record in accordance with the Construction Contract. KPFF will utilize an electronic document management system for processing submittals, that will also be provided to the Construction Contractor.

Changed Conditions/Change Order/RFI – KPFF will review Contractor Requests for Information and design change requests, make initial determination if the Contractor needs to provide further information prior to Design Team review, and/or distribute to the appropriate party for a response. KPFF will also prepare and process construction field authorizations and resultant change orders. KPFF will develop, update and manage a log of RFIs and their status.

KPFF will track all changes to the approved Contract Documents, coordinate with MOS, negotiate and issue change orders, along with documentation for the change including summary sheet, independent cost estimate, Contractor's cost estimate and proposal, and writing a finding of fact.

Site Construction Observation – KPFF will provide onsite Construction Observation. This task will be a collaborative effort that will include the following items:

Monitor and document the Contractor's work and activities for progress as well as compliance with approved Contract Documents. Complete daily reports on days present for project records and coordinate with MOS and the Contractor.

Observe material, workmanship, and construction areas for compliance with the Contract Documents and applicable codes and notify the Contractor of noncompliance. Advise the Engineer of Record and MOS of all non-conforming work observed.

Evaluate and facilitate corrective action to issues which may arise related to the quality and acceptability of material furnished, work performed and rate of progress of work performed by the Contractor.

On-Site Materials Inspection/Testing – KPFF will coordinate all special inspection and testing utilizing subconsultants. Review of the work of the Field Representative(s) and testing laboratories, document and evaluate the results of testing and inform MOS, the Contractor and the Design Team of the results.

KPFF will document and log the locations, dates and results of all special inspections and testing performed by its subconsultants.

Contractor Payment Applications – KPFF will prepare and approve progress payment applications, including measurement and verification of quantities and evaluation of percent complete with lump sum items.

Substantial Completion/Final Inspection/Physical Completion – KPFF will facilitate the project completion process by performing inspections of the work and making a determination of Substantial Completion. Develop, with assistance from MOS and the Design Team, a written list of remaining deficiencies and provide this list to the Contractor for corrective actions.

Upon notification from the Contractor of completion of the punch list items, KPFF will assist MOS to perform a Final Inspection.

Project Closeout Documentation/Completion Date – KPFF will complete and compile project closeout documents including the final payment voucher, QC reports, inspection reports, permit closeout and Contractor review forms; compile all documentation from the Contractor required by the Contract Documents. Once documentation has been accepted KPFF will provide a written final acceptance/Contract Completion letter to MOS

Deliverables:

- Inspector Daily Reports when present
- Weekly Construction Meeting Minutes
- Special Inspection and Materials Testing Reports (Special Inspections Sub Consultant)
- Project Closeout Documents

Schedule

Following notice to proceed (NTP), expected October 6th, KPFF expects proceed with the attached detailed Gantt chart schedule.

The immediate project schedule is anticipated as follows:

- 10/7/22 - Pre Bid Notice to Contractors
- 10/27/22 Project issued for Bid
- 11/2/22 Project Pre-Bid Meeting
- 11/10/22 Project Bid Opening
- 11/17/22 Final Bid put forward to Assembly for Approval

Scope Assumptions

1. This scope of work assumes that the current modification plan will be accepted by the cruise line mooring officials and captains. Any significant changes to the site plan or mooring requirements may require additional effort by the design team.
2. See notes above in Task 6 about on-site CM services time.
3. The Optional dive inspection work will be determined if it is needed in appropriately 2 weeks.

Scope Exclusions

The following items are not included as part of this scope, however KPFF is ready to provide these as additional services if required:

1. Geotechnical explorations
2. Permit Fees
3. Special inspections exceeding \$8,000 preliminary budget

Scope Amendment Fees

This is the second scope amendment for the project. The total estimated not-to-exceed maximum fee, including reimbursable expenses, for the services described in this letter is **\$668,300**

Total Amendment Request:	\$668,300
Project Funds to Date*:	\$4,760,478
Total Project Budget including this Amendment:	\$5,428,778

(* not including funding related to MSP design funded by the Yukon)

Fees will be billed on an hourly basis using the hourly rates presented on the attached fee schedule. Reimbursable expenses will be billed at cost with no markup and no additional markup will be applied to subconsultants reimbursable expenses. All work will be performed in accordance with the attached Terms and Conditions.

We appreciate this opportunity to work with the Municipality of Skagway. We are available to discuss this proposal at your convenience. Please contact me at (206) 382-0600 should you have any questions or require additional information.

Sincerely,



Ed DeBroeck, PE (WA & CA), DBIA, Associate
CC: Bob Riley, PE, Principal

Attachments

1. Detailed Fee Schedule
2. Conceptual Project Schedule Gantt Chart
3. Sub-Consultant Proposals

Ore Peninsula Redevelopment Project

Emergency Project Design & Construction Support
 Scope Fee Estimate
 2022-09-29



#	2022 Hourly Rate	KPFF										Subconsultants				Total	
		Principal	Senior Construction Project Manager	Construction Project Manager	Project Manager	Senior Technical Specialist	Senior Engineer	Prof. Engineer	Design Engineer	Project Coordinator	Senior Cad Tech	CAD	Glosten Associates (Naval Architect)	Haley & Aldrich (Geotech)	Anchor QEA (Environmental)		Other (Special Inspections, Dive Survey)
		\$ 260	\$ 250	\$ 180	\$ 235	\$ 240	\$ 212	\$ 185	\$ 165	\$ 133	\$ 145	\$ 128					
	Task 1: Project Management & Coordination				80					60			\$ -	\$ -	\$ -	\$ -	\$ 26,780
	Overall Project Management, Invoicing and coordination				40					20							
	Coordination with MOS & Sub Consultants				40					40							
	Task 2: Expedited Design & Mooring Analysis	10			40	12	92	200	232	12	40	128	\$ 20,000	\$ -	\$ -	\$ 64,000	\$ 217,444
2.1	Temporary Barge																
2.1.1	Barge Guide Piles							16					\$ 20,000				
2.1.2	Barge Pile hoops						12	24									
2.3	Gangway & Attachments							12									
2.4	Mooring Analysis (Past and present efforts)				16	12	24		120								
2.5	Existing Dolphin Verification & Strengthening	2			4		24		80								
2.6	Bollard anchorage at Ore Loader							32									
2.7	Dive Inspection (Optional)							4								\$ 64,000	
2.8	Expedited Ore Loader Demo						8	16									
2.9	Expedited Dolphin Design							32									
2.11	Partial Timber Dock Demo Plans							16				8					
2.12	Emergency Project Pre Bid and Bid Drawings	4			12			40	32		40	120					
2.13	Technical Specifications	4			8		24	8		12							
	Task 3: Permitting				16	8	12					20	\$ -	\$ -	\$ 76,824	\$ -	\$ 87,608
3.1	Environmental Permit preparation, Final Reporting & Meetings				8										\$ 76,824		
3.2	Environmental Permit Drawings					8						20					
3.3	Permitting Support				4												
3.4	MOS Construction & Demolition Permitting				4		12										
	Task 4: Bid Preparation and Support		20	32	58			36	28	48			\$ -	\$ -	\$ -	\$ -	\$ 42,054
4.1	Obtain Pile Supply Quotes & Coordinate Delivery				2				6								
4.2	Obtain Floating Fender Quotes & Coordinate Delivery								6								
4.3	Pre-Bid Notice to Contractors				4			4		8							
4.4	On-site Pre Bid Site walk & Meeting		16		16												
4.5	Engineers Estimate & Bid Form		4		4			12	16								
4.6	Assembly & QC of Bid Package				16			16		32							
4.7	Project Div 01 and 00 Specifications preparation				16		24	4		8							

Ore Peninsula Redevelopment Project

Emergency Project Design & Construction Support
 Scope Fee Estimate
 2022-09-29



#	2022 Hourly Rate	KPFF										Subconsultants				Total
		Principal	Senior Construction Project Manager	Construction Project Manager	Project Manager	Senior Technical Specialist	Senior Engineer	Prof. Engineer	Design Engineer	Project Coordinator	Senior Cad Tech	CAD	Glosten Associates (Naval Architect)	Haley & Aldrich (Geotech)	Anchor QEA (Environmental)	
	\$ 260	\$ 250	\$ 180	\$ 235	\$ 240	\$ 212	\$ 185	\$ 165	\$ 133	\$ 145	\$ 128					
	Task 5: Engineering Construction Support	2			42		78	56				\$ -	\$ 82,000	\$ -	\$ -	\$ 116,060
5.1	Construction Submittal Review (10)				4		16	20								
5.2	Construction RFI Review (20)				4		20	32								
5.3	Change Order Review	2			4		12									
5.4	Geotechnical Reviews and Inspections												\$ 82,000			
5.5	Punchlist Site Walk				16		16	4								
5.6	Weekly Construction Meetings (14)				14		14									
	Task 6: Construction Management			432				80				\$ -	\$ -	\$ -	\$ 8,000	\$ 96,400
6.1	Document Control			32				80								
6.2	CM (1/2 time 8 weeks)		20	160												
6.3	CM Full time (6 weeks)		20	240												
6.4	Special Inspections														\$ 8,000	
6.5																
6.6	Review of Pay Applications (5)			40				8								
	Task 7: Marine Mammal Monitoring											\$ -	\$ -	\$ -	\$ -	\$ -
	(Not Included at this time)															

Assumptions and Notes:

- Rates for 2022 displayed, rates will be adjusted each calendar year.
- Reimbursable expenses will be billed at cost with no markup.
- KPFF on-site for 1 Month with 3 additional visits at about 3 days each
- Assumed Construction Activities start in Late Jan/Early Feb for 1 month, with demo work on ore loader in Mid Jan-Mid March
- Some designs for this emergency project are part of the larger project and have budget already allocated towards those elements
- As of 9/30 Current Costs for this Emergency work is Approximately \$80K and included in this estimate.

Subconsultant Summary	Fee	Expenses	Total
Anchor QEA	\$ 76,824	\$ -	\$ 76,824
Hailey and Aldrich	\$ 70,000	\$ 12,000	\$ 82,000
Glosten Associates	\$ 20,000	\$ -	\$ 20,000
Special Inspections	\$ 8,000	\$ -	\$ 8,000
Echelon Engineers	\$ 36,000	\$ 28,000	\$ 64,000
	\$ -	\$ -	\$ -
Subtotal	\$ 210,824	\$ 40,000	\$ 250,824
Subconsultant Markup 8%	\$ 16,866	\$ -	\$ 16,866
Total Subconsultants (Fee, Expenses & Markup)	\$	\$	267,690

Subtotal	\$ 586,350
KPFF Expenses: Travel, Etc.	\$ 25,000
Subconsultant Expenses: Travel, Etc.	\$ 40,000
Subconsultant Markup	\$ 16,866
Design Total	\$ 668,300



KPFF CONSULTING ENGINEERS
Special Projects Reporting Center – Seattle & Tacoma Offices

FEE SCHEDULE
for
PROFESSIONAL ENGINEERING SERVICES

Rates are effective July 1, 2022
and are subject to change January 1, 2023.

Personnel Charges

2022 Hourly Rates

Principal	\$260
Senior Project Manager	\$250
Project Manager	\$235
Senior Technical Specialist	\$240
Senior Engineer	\$212
Professional Engineer	\$185
Construction Project Manager	\$180
Design Engineer	\$165
Designer	\$133
Sr. CAD Technician	\$145
CAD Technician	\$128
Project Coordinator	\$133
Administration	\$100

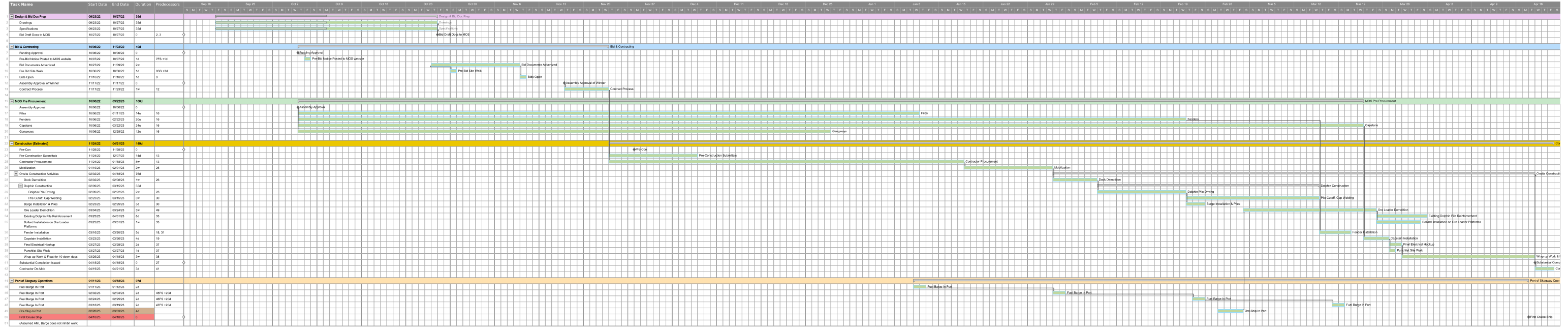
Reimbursable Expenses

Non-salary costs such as charges for express mail, delivery, photography, reproduction, automobile mileage, parking and client-directed out-of-town travel shall be reimbursed at cost without mark-up.

Subconsultants

The billings of subconsultants will be marked up 8%.

Skagway Emergency Project Schedule



Scope of Work

September 14, 2022

Emergency Permitting Support: Phase 0 Skagway Ore Peninsula Redevelopment

KPFF

Project Understanding

This Scope of Work includes effort for Anchor QEA, LLC, to support KPFF and the Municipality of Skagway (MOS) with emergency permits related to Phase 0 of the Skagway Ore Peninsula Redevelopment Project (Project). The main Project components include the following:

- Coordination with KPFF and the MOS regarding emergency permits
- Agency communications regarding the emergency permits
- Preparation of required emergency permit materials based on materials provided by KPFF
- Project administration

This Scope of Work includes effort for Anchor QEA to support Project permitting, agency communications, and coordination with KPFF and the MOS through March 31, 2024 (prior to construction). This Scope of Work does not include marine mammal monitoring or reporting or other support during/after construction.

Scope of Services and Deliverables

This Scope of Work includes the following tasks:

- Task 1: Project Management and Team Coordination
- Task 2: Phase 0 Emergency Permitting Support

Task 1: Project Management and Team Coordination

Anchor QEA will provide monthly invoices to KPFF with a summary of work completed and Project status updates. As part of this task, Anchor QEA will attend up to 10 meetings (teleconferences) with KPFF and/or the MOS to discuss Project status, strategy, and questions. Anchor QEA will also create and maintain an overall permitting schedule for the Project.

Deliverables

- Permitting milestone schedule (PDF)

Assumptions

- Meetings are assumed to be 1 hour in duration.
- Meetings with regulatory agencies related to permitting are included in Task 2.

Task 2: Phase 0 Emergency Permitting Support

Anchor QEA will work with KPFF and the MOS to develop an emergency permit package to support Phase 0 of the Project. This task includes completing applicable emergency permit applications, developing supplemental regulatory materials (as required), and developing required permit figures using design drawings for the Project in AutoCAD provided by KPFF. Specifically, Anchor QEA will develop the following materials, which will draw from previous Project permit submittals:

- U.S. Army Corps of Engineers (USACE) Rivers and Harbors Act Section 10 permit application package including:
 - Project description
 - USACE permit application
 - Permit figures
- Section 106 of the National Historic Preservation Act (NHPA) compliance memorandum
- Endangered Species Act (ESA) Biological Assessment (BA) addressing Project considerations related to ESA-listed species and Magnuson-Stevens Fishery Conservation Act Essential Fish Habitat (EFH)

This task also includes time for coordinating with applicable agencies on regulatory considerations and emergency permit requirements for the Project. Time is included for phone meetings with the USACE and more extensive collaboration with National Oceanic and Atmospheric Administration (NOAA) to address the expedited ESA consultation requirements. Anchor QEA will also submit and track the permit application materials through receipt of required permits and approvals.

Deliverables

- Draft and Final USACE Rivers and Harbors Act Section 10 permit application package
- Draft and Final NHPA compliance memorandum
- Draft and Final ESA BA and EFH assessment

Assumptions

- Due to schedule limitations, Anchor QEA will begin development of emergency permit application materials immediately. If the MOS decides later to pursue a different approach, we will discuss next steps with KPFF and MOS.
- Anchor QEA will be the primary point of contact for applicable regulatory agencies.
- A mitigation plan will not need to be developed because the USACE does not typically require compensatory mitigation for impacts associated with Section 10 permit issuance.
- National Environmental Policy Act (NEPA) requirements for the Project will be addressed internally by the USACE, and no NEPA documentation will need to be developed by Anchor QEA.
- No Section 408 resources will be impacted by the Project.

- The Project will not impact bald or golden eagles and therefore a take permit from USFWS will not be required.
- Based on a conversation with NOAA on September 13, 2022, Phase 0 of the Project qualifies as an exemption under Section 109(h) of the Marine Mammal Protection Act (MMPA) due to risks to human life and safety, and no MMPA documentation will be required to be submitted to NOAA prior to the emergency work. The MOS will be responsible for documenting the nature of the emergency situation for its own record-keeping under the MMPA.
- A 401 Water Quality Certification and National Pollutant Discharge Elimination System (NPDES) Construction General Permit will not be required.
- The Project site is owned by the MOS, and therefore a Department of Natural Resources (DNR) permit will not be required.
- This scope of work does not include development of a Private Aid to Navigation (PATON) permit application. If a PATON is required for the Project, this scope of services may need to be amended.
- KPFF will provide Anchor QEA with all design drawings for the Project in AutoCAD. Anchor QEA will create permit-ready figures from KPFF's design drawings.
- KPFF will provide supporting information for the ESA, including pile sizes, installation measures, duration of pile driving, overwater cover, and other pertinent Project information.
- The USACE will not require a Section 404(b)(1) alternatives analysis for the Project. If a Section 404(b)(1) alternatives analysis is required by the USACE, this scope may need to be modified.
- Anchor QEA will not develop a marine mammal monitoring plan under this Scope of Work.
- No local (MOS) or state (Alaska State Departments) permits or approvals will be required for the Project.
- KPFF will obtain any needed building permits for the Project. KPFF will develop the building permit package for the Project. Anchor QEA will not need to provide any support to KPFF for development of the building permit package.
- Permits and approvals not specifically mentioned in this Scope of Work are not included and would be considered additional work, subject to negotiations.
- Due to the uncertainty associated with the regulatory agency review process, Anchor QEA cannot guarantee the outcome of the environmental permitting and ESA processes and whether the approvals required for the Project will ultimately be issued by the applicable regulatory agencies.
- For all deliverables, Anchor QEA will provide a draft deliverable, respond to a single, consolidated set of comments from the client, and finalize the deliverable.
- All draft deliverables to KPFF and the MOS will be provided in Word and PDF formats.
- Final deliverables for agency submittal will be provided in either PDF or printed as required by the agencies.

- No fieldwork, site visits, or in-person agency meetings related to permitting are included in this Scope of Work.
- No construction support activities are included in this Scope of Work.
- An Inadvertent Discovery Plan to address Section 106 considerations will not be developed for the Project.

Budget

Project costs are summarized in Table 1. A detailed estimate of Anchor QEA costs is provided in Appendix A. Anchor QEA will routinely review its budget and inform KPFF of any anticipated scope and budget adjustments.

Table 1
Project Budget

Task	Description	Estimated Hours	Total Estimated Budget
1	Project Management and Team Coordination	80	\$19,676
2	Phase 0 Emergency Permitting Support	270	\$57,148
Total		350	\$76,824

Anchor QEA proposes to perform this Scope of Work on a time-and-materials basis. Anchor QEA's 2022 labor billing rates are provided in Appendix B. Anchor QEA will communicate closely with KPFF on Project/budget status and will notify KPFF as soon as possible in the event that changes in scope are anticipated. Anchor QEA will not exceed the budgeted amount of \$76,824 without prior authorization by KPFF.

ACCEPTED BY:

Tom Wang, P.E.
Member
Anchor QEA, LLC

Date

Bob Riley, P.E.
Principal
KPF

Date

Appendix A
Detailed Budget

Emergency Permitting Support: Phase 0 Skagway Ore Peninsula Redevelopment

Task	Description	Hours by Labor Categories (hourly rates shown in parentheses)								Total Labor Hours	Total Labor Cost	Reimbursable Direct Costs	Total Reimbursable Costs	Total Direct Costs	Total Cost
		Principal (\$292)	Senior Manager (\$256)	Senior Staff (\$212)	Staff 3 (\$186)	Staff 2 (\$167)	Senior CAD Designer (\$147)	Senior Technical Editor (\$145)	Senior Project Coordinator (\$139)						
Task1	Project Management and Team Coordination														
1.1	Project Management	6.00	8.00	-	-	-	-	-	8.00	22.00	\$ 4,912	\$ -	\$ -	\$ -	\$ 4,912
1.2	KPFF and MOS Coordination/ Meetings	26.00	16.00	-	16.00	-	-	-	-	58.00	\$ 14,664	\$ 100	\$ 100	\$ 100	\$ 14,764
Task2	Phase 0 Emergency Permitting Support														
2.1	Emergency Permit Applications	34.00	20.00	14.00	50.00	66.00	10.00	20.00	-	214.00	\$ 42,708	\$ 200	\$ 200	\$ 200	\$ 42,908
2.2	Permit Agency Coordination and Meetings	24.00	16.00	-	16.00	-	-	-	-	56.00	\$ 14,080	\$ 160	\$ 160	\$ 160	\$ 14,240
	Total Hours	90.00	60.00	14.00	82.00	66.00	10.00	20.00	8.00	350					
	Total Cost	\$26,280	\$15,360	\$2,968	\$15,252	\$11,022	\$1,470	\$2,900	\$1,112		\$76,364	\$460	\$460	\$460	\$76,824

Appendix B
2022 Billing Rates

Anchor QEA, LLC

2022 BILLING RATES

Professional Level Hourly Rates

Principal CM ¹ /Engineer/LA ² /Planner/Scientist	\$292
Senior Managing Analyst/CM/Engineer/LA/Planner/Scientist	\$256
Managing Analyst/CM/Engineer/LA/Planner/Scientist	\$239
Senior Analyst/CM/Engineer/LA/Planner/Scientist	\$212
Staff 3 Analyst/CM/Engineer/LA/Planner/Scientist.....	\$186
Staff 2 Analyst/CM/Engineer/LA/Planner/Scientist.....	\$167
Staff 1 Analyst/CM/Engineer/LA/Planner/Scientist.....	\$141
Senior CAD ³ Designer.....	\$147
CAD Designer.....	\$123
Technician	\$119
Senior Technical Editor.....	\$145
Technical Editor.....	\$123
Senior Project Coordinator	\$139
Project Coordinator	\$114

Special Hourly Rates

National expert consultant	\$474
All work by a testifying expert.....	1.5 times professional level rate
Expert Advisor.....	\$364

EXPENSE BILLING RATES

Expense Rates

Computer Modeling (per hour)	\$10.00
Graphic Plots (varies with plot size)	\$3-\$6/sf
Mileage (per mile)	Current Federal Standard

FEE ON LABOR AND EXPENSE CHARGES

Subcontracts/subconsultants	10%
Travel and other direct costs	10%
Field equipment and supplies	10%

¹ CM: Construction Manager

² LA: Landscape Architect

³ CAD: Computer Aided Design