



Municipality of Skagway

MEMO

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| TO: | Mayor and Borough Assembly |
| FROM: | Brad Ryan, Borough Manager |
| DATE: | October 3, 2022 |
| SUBJECT: | October 6 Assembly Agenda |

We have multiple ongoing projects in the Port of Skagway, and each has components and nuance that are interrelated; therefore, I wanted to give you a summary of each item in one memo.

The KPFF proposals on your agenda are intended to be funded with revenue bonds, with the exception of the proposal for 60% design of the Marine Services Platform, which will be funded by the Yukon Government. I recommend moving all of the projects forward unless Proposition #1 does not pass. If Proposition #1 does not pass, I would ask that the Assembly postpone consideration of items 9B, 9C, and 9E until the Municipality can discuss alternate funding sources.

9B. Approval of KPFF Proposal re: 2023 Ore Dock Emergency Project Design & Construction: \$668,300

This is a proposal to develop and assist in implementing a short-term emergency plan to bring the larger cruise ships into the Ore dock in 2023; the goal is to maintain the port's capacity at four ships while the rockslide hazard is mitigated. This project includes demolition of some of the old docks and at least a portion of the Ore loader, installing a temporary floating component to offload passengers, and providing increased mooring capacity for the larger ships to tie up. In addition to the proposal, a conceptual drawing and project schedule is also included separately in your packet. The scope of work for this short-term emergency project includes:

- Expedited design, mooring analysis, & site investigation
- Accelerated permitting
- Bid documents and bidding support
- Construction Project Management and Administration

If the proposal is approved, the KPFF contract for the Ore Dock Redevelopment Project would be amended to include this additional work. I recommend the Assembly consider a motion **"to approve the KPFF proposal for the 2023 Ore Dock Emergency Project in an amount not to exceed \$668,300."**

9C. Approval of KPFF Proposal re: Phase III of Ore Dock Redevelopment Project: \$69,100

This proposal is expanding RESPEC and MRV Architects subcontracts to complete a conceptual design that aligns with the Port of Skagway Master Plan Phase III Improvements. The design intent is to maximize separation between public and industrial use. The Conceptual Plan is to examine several alternatives for future transloading and tour operations, pedestrian sea walk and rail realignment, and upland utility improvements. I recommend the Assembly consider a motion **"to approve the KPFF proposal for Phase III of the Ore Dock Redevelopment Project in an amount not to exceed \$69,100."**

9D. Approval of KPFF Proposal re: Marine Services Platform 60% Design: \$140,000 (funded by Yukon Gov't.)

This proposal is funded by the Yukon Government and intends to take the Marine Services Platform (MSP) from 30% design to 60%. The MSP consists of a 60-foot by 220-foot wharf accessed by a 40-foot trestle from the uplands, constructed around two currently proposed dolphins. This wharf and trestle would support a reach stack container handler (i.e., Kalmar DRG450) or a mobile harbor crane (i.e., Liebherr LMH-280), and HL-93 design vehicles as defined by the *Project Memo – Skagway Ore Terminal Redevelopment* prepared by Ausenco Engineering Canada Inc. dated 2022-04-06. I recommend the Assembly consider a motion **“to approve the KPFF proposal for the Marine Services Platform 60% design in an amount not to exceed \$140,000.”**

9E. Approval of Pre-Procurement Proposal re: 2023 Ore Dock Alternative Mooring Plan

To implement the Emergency Alternative Mooring Plan for 2023, the Municipality needs to purchase material now in order for the contractor to construct the project beginning in February of 2023; long lead times on materials require ordering soon in order to stay on schedule. It is important to remember that most of these items are part of the larger Ore Dock Redevelopment Project plan to install the 500-foot cruise float in the winter of 23/24. Therefore, most of the expense will not be lost, but would be necessary anyway for the larger project. Materials to be procured per this proposal include:

- Spud Barge
- Pilings
- Gangway
- Capstans
- Fenders

I recommend the Assembly consider a motion **“to approve the pre-procurement proposal to purchase materials for the 2023 Emergency Ore Dock Alternative Mooring Plan, in an amount not to exceed \$4,714,370.”**

9F. Approval of Shannon & Wilson Proposal for Short-Term Life, Health, and Safety Rockfall Mitigation

The MOS and White Pass have been working together to develop a short-term mitigation plan to protect life, health, and safety at the Railroad Dock that could be implemented prior to the 2023 cruise ship season, that would allow two cruise ships to utilize the dock. The plan would most likely still include tendering through the small boat harbor. The scope of the project would include heavy scaling, installation of attenuation measures, and testing of those measures.

If the proposal is approved, the Shannon & Wilson contract for the Rockslide Project would be amended to include this additional work. We intend to request reimbursement of this expense from the State funds allocated due to the Governor’s disaster declaration. I recommend the Assembly consider a motion **“to approve the Shannon & Wilson proposal for short-term life, health, and safety rockfall mitigation in an amount not to exceed \$3,171,018.”**

9G. Approval of Rockslide Monitoring Equipment and Software Purchase Quote

To increase the response time and increase monitoring of potential rock movement in the slide area, the Municipality's geotechnical team is recommending the use of laser survey equipment (total station). The total station would be installed near the small boat harbor, and survey prisms would be placed in strategic locations on the potential rockslide to measure movement in real time, enhancing our ability to protect the life and safety of the community and cruise passengers. We expect to receive the quote early in the week, and it will be added to the packet as soon as it is received.

9H. Approval of Proposal for Wastewater Treatment Facility Improvements Engineering & Funding Assistance

The Municipality has been awarded \$10.2 million in Congressionally Directed Spending (CDS) to improve the wastewater treatment plant (WWTP). This federal funding requires that the Municipality provide a 20% match to the project and comply with NEPA and other requirements. To begin the funding process and design, CRW Engineering Group will provide the following services:

- Grant Assistance
- Environmental Review
- Condition assessment and 3D mapping of the WWTP facility
- Preliminary Engineering Report
- Project Management

I recommend the Assembly consider a motion **“to approve the CRW proposal for Wastewater Treatment Facility Improvements engineering and funding assistance in an amount not to exceed \$125,484.”**

9I. Approval of Preliminary Engineering Agreement w/DOT&PF re: Ferry Terminal

The Assembly signed an MOU with the Alaska Department of Transportation & Public Facilities (DOT&PF) to work on alternative plans for the Ferry Terminal in Skagway. After months of discussion with representatives of the Alaska Marine Highway and DOT&PF, including a site visit, they expressed interest in exploring the concept of moving the Ferry terminal to the Ore Peninsula. DOT&PF has agreed to share the cost of developing 20% designs of a ferry terminal placed at the South end of the Ore Peninsula. If the Assembly agrees with moving this forward, the Municipality will hold the contract with the design firm and DOT&PF and the Municipality would split the expense 50/50.

I recommend the Assembly consider a motion **“to approve the preliminary engineering agreement with DOT&PF for the Ferry Terminal.”**