City of Valdez

Request for Qualifications

Date: March 8, 2021
Project: Valdez Small Boat Harbor H-K Major Reconstruction
Project Number: 20-310-6450

Overview

The purpose of this document is to solicit qualifications from professional consultants to develop and finalize project scope, architectural, engineering, and related professional services for the development of construction bid documents for the Valdez Small Boat Harbor H-K Major Reconstruction project.

The City of Valdez Small Boat Harbor H-K float sections originally built in the 1980's are experiencing significant decline and nearing the end of their lifespan. Some of the failing conditions include spalling concrete on floats, damaged gangways, electrical hazards, outdated fire protection, and a lack of potable water. The Tour Dock, Launch Ramp, and Travel-Lift areas, included within this project are having similar and unique issues due to decay that require replacement.

A brief overview of the scope of work consists of replacing H-K floats, utilities and fire suppression systems, extending the launch ramp and dredging the navigation channel to H-float, reconfiguring slips on H and K floats, and replacing the Tour Dock gangway with an ADA compliant ramp.

In November, 2020, the City of Valdez obtained project management support to work with the Ports and Harbor department to collect information, review current conditions, and create a preliminary scope of work for this project. Provided within this RFQ is "Attachment A – Scope of Work Supplement" from their findings to give firms a more detailed scope that will be required for this project.

The proposed consultant will be required to perform field inspections, site visits, surveys, evaluations, hold stakeholder meetings, engineering and design, and all agency coordination necessary to provide recommendations to the City for decisions, comprehensive drawings and specifications, and estimates of probable construction costs for soliciting construction bids to upgrade or replace four primary components and several individual elements or tasks for the Small Boat Harbor. Additionally, consultants should be prepared to work as the City's agent in solicitation and procurement of grant of other funding opportunities.

Consultant work will also include evaluation of construction delivery, proposal/bid solicitation assistance, procuring all necessary permitting, providing construction administration and assistance through project closeout.

Appended to this Request for Qualifications is an "Attachment A – Scope of Work Supplement" and "Aerial View of Valdez Small Boat Harbor".

Scope of Work & Tasks

The project consists of furnishing all labor, materials, equipment, tools, supervision, and other facilities necessary to perform the required services in accordance with the standards and criteria of the professions utilized. Required tasks include: Complete development of "Small Boat Harbor H-K Major Reconstruction" construction documents, phased cost estimation, procuring all required permitting, assisting with construction project delivery strategy, bidding assistance, and construction administration and assistance services through project closeout inclusive of creating project record documentation.

Deliverables

- Signed, stamped construction documents
- Digital copies (in an agreed upon format) of all presentation and meeting material which will be posted on the City of Valdez webpage;
- Meeting summaries for all meetings and workshops, including written records of all public comments;
- GIS layers/shapefiles of all completed mapping & survey work;
- Digital copies (in an agreed upon format) of all progress and construction documents, to include CAD and/or Revit model files as well as digital copies of final as-builts.

Requirements for Statement of Qualifications

The firm that submits a statement of qualifications must be licensed to do business in the State of Alaska, and all responsible personnel must have appropriate Alaskan licenses to conduct the tasks identified in the proposal. The proposal submissions shall be ranked on the following criteria:

• Consultant's experience (Fifteen points).

A detailed description of at least three similar municipal, harbor related projects (with references and photographs) that your firm has accomplished in the past ten years. Alaskan projects will be given higher consideration. Remote or coastal projects will also be given additional consideration. Project descriptions should include total project costs and specifically identify costs for construction change orders and Consultant contract value. Enumerate any contractor claims and respective outcomes related to said claims.

• Project manager and team general experience and qualifications. (Five points).

A list of personnel that will be working on the project with license numbers, contact numbers, project histories, and resumes.

• Project manager and team specific experience. (Ten points).

A detailed description of the project manager and team member's individual experience and experience working together on previous similar projects. Please identify the single point of contact for the City and their role and availability throughout the project; an org chart or communications flow diagram is preferred. A team may include in-house and subcontracted parties. Consultants are not required to identify all subcontracted team members at this point, but should identify scopes that will be subcontracted.

- **Project understanding and approach. (Fifteen points).**

A detailed description of how the firm anticipates accomplishing the project listing personnel and specific activities. Include a proposed timeline for deliverables and identify action items from the City to achieve said timelines. Include at least two project delivery models for consideration by the City outlining the advantages to the City. Examples should be project specific and not generic industry jargon. Any known alternative funding sources should also be presented within this section.

- **Overall submission. (Five points).**

Overall appearance, grammar, and technical clarity of proposal

Submissions and Inquiries

Valdez encourages disadvantaged, minority, and women-owned consultant firms to respond.

Submissions should be no more than seventeen (17) pages excluding front and back cover, cover letter and dividers. Page size shall be 8-1/2" x 11"- Body; 11" x 17" schedule or charts/diagrams and no font shall be smaller than 10 pt.

Submit one (1) electronic copy via the City's file share service Box. Firms must request the Box link before 4:00 PM local time one business day in advance of the submission deadline via email to Nathan Duval nduval@valdezak.gov with a cc to the project manager Austin Rake arake@valdezak.gov.

Any questions regarding this project should be emailed to Austin Rake, Project Manager at arake@valdezak.gov. Questions will be received until 2:00 PM local time on April 13, 2021.

Proposals will be accepted until 2:00 PM local time on April 20, 2021.

Interviews (if necessary) will occur virtually between April 26-May 4, 2021.

Anticipated award of contract date is May 16, 2021.

The City of Valdez assumes no obligation by accepting a statement of qualifications. The City of Valdez may or may not choose to interview the top ranked firms before selecting the best firm for price negotiations. If the City decides to interview consultants, a panel will be selected from Capital Facilities, Ports and Harbor Staff or Commission members, and City Administration. The panel will consider proposal content and interview results; however, selection of a consultant following interviews shall supersede proposals scoring/ranks.

Attachment A – Scope of Work Supplement

The following detailed input from the Capital Facilities Dept., Harbormaster staff, Ports & Harbor Commission, and Tour Boat operators is provided for the designer to evaluate, discuss with City, and address as appropriate in the design scope of work:

1. **H-K Floats** including gangways, water system, fire suppression system, electrical system, safety equipment, piling as needed:
   - 1.1. Replace head floats, I to J main, tees and associated finger floats; evaluate suitability for using existing piles at existing locations;
   - 1.2. Replace complete H main and finger floats and piles with a configuration similar to I- Float, with 32' fingers on west and 36' fingers on east, revised to maintain small vessel passage between H and Travel Lift Dock;
   - 1.3. Maintain existing head and main float widths; evaluate increasing finger width from 3.5' to 4.0' for small stalls at north side head float, J and K;
   - 1.4. Upgrade 5'x60' I-gangway with new roof similar to new boat harbor, new side panels and replace top/bottom transition plates with more durable non-skid surface like new harbor;
   - 1.5. Replace 5'x60' J-gangway with more ADA-accessible gangway; evaluate increasing length and width, effects to upland approach and bottom float and interface with head float and I floats;
   - 1.6. Add hot box and backflow preventer for potable water to Fish Cleaning Station near I- ramp approach;
   - 1.7. Add non-skid transition plates between head float and in-water Fish Cleaning Stations;
   - 1.8. Provide potable water system from uplands via Arctic Pipe and flex-hoses to gangway floats, in-water distribution to risers (like new harbor) between finger floats;
   - 1.9. Provide dry fire suppression system from uplands via flex-hoses to gangway floats, in- water distribution to risers on main floats (like new harbor) between finger floats;
   - 1.10. Provide electrical system from uplands main panel to risers on main floats between finger floats. (Pedestals in new harbor damage easily and are difficult to replace; evaluate durable pedestals like Petersburg Small Boat Harbor)
   - 1.11. Provide breakers to allow shutting off power to individual floats without affecting power to the other floats;
   - 1.12. Evaluate suitability for reusing I gangway and H-floats and piles to be removed, for replacing the gangway and boarding float at the Travel Lift Dock;

2. **Tour Dock** including floats, gangways, water system, sewer system, fire suppression system, electrical system, safety equipment, kayak staging floats and storage racks, and piling as needed:

   2.1. Replace main floats and fingers, excluding fuel dock floats and improvements;

   2.2. Replace 6'x 65' north gangway and abutment, bottom float and piles, with gangway more ADA accessible, without turns; evaluate increasing the length to 120' and width to 8';

   2.3. Replace 5'x 60' south gangway, approach, abutment, and bottom float with piles as needed, 6' width, for gangway more ADA accessible; ensure appropriate coordination for replacing or upgrading all existing utilities, including coordination with fuel vendor for floats and improvements owned and maintained by vendor;

   2.4. Replace hose reel water service at the north uplands with all-season system including hot box, backflow preventer or others necessary items;

   2.5. Provide potable water system, including spring and fall, from uplands service via Arctic Pipe and flex-hoses on gangway to floats, in-water distribution to double hose bibbs on risers at Tour Boat slips;

   2.6. Provide sewer (wastewater) system from uplands manhole via flex-hoses on gangway to floats, in-water distribution with peristaltic pump to pump out units (like new harbor) at Tour Boat slips;

   2.7. Provide dry fire suppression system from uplands via flex-hoses to gangway floats, in-water distribution to risers (like new harbor) on floats where appropriate;

   2.8. Provide electrical system from uplands main panel to pedestals at Tour Boat slips, including power to hot box and Arctic pipe heat trace; orient pedestal connections to minimize intrusion on floats when shore power cords are connected);

   2.9. Add floats for kayak charter staging and kayak storage and pile if needed;

   2.10. Evaluate storage racks appropriate for summer storage of 30 kayaks 14' to 18' long;

3. **Boat Launch Ramp** including boarding floats and piling, ramp planks, sheet pile, dredging, riprap, safety equipment generally:

   3.1. Remove entire west ramp and replace with new precast concrete ramp;

   3.2. Extend middle and east precast ramps approximately 28' and eliminate "drop-off" at bottom of planks;

   3.3. Install sheet pile necessary to maintain slope and prevent subsidence along boardwalk and Kennicott Avenue;

   3.4. Add concrete ramp, abutment, pipe pile and timber boarding floats along east side of east ramp; extend floats approximately 100' beyond bottom of the ramp;

   3.5. Determine appropriate dredging at base of ramps and for embankment slope and toe to allow the boarding float to be installed and function properly during low tides;

   3.6. Protect dredged and shaped slope and toe with filter rock and riprap;

3.7. Evaluate potential for damage and appropriate protection(s) to the existing portico, floating dock, apron, abutment, picnic platform, and timber boardwalk;

4. **Travel Lift Dock** including gangway, boarding floats, piling, potable water station:

4.1. Upgrade existing upland potable water hose point to an all-season potable water service with hotbox and heat trace as needed;

4.2. Provide electrical service to hot box and heat trace:

4.3. Replace existing gangway with 6'W x 60'L gangway with covering and side panels; consider using existing gangway at J-float;

4.4. Replace existing gangway float and boarding floats with serviceable floats removed at other locations, or new floats if evaluation determines serviceable floats are not available;

4.5. Evaluate suitability for continued use of existing treated wood piles, or replace with galvanized steel piles if evaluation determines existing piles are not suitable for desired life of the Travel Lift Dock;

4.6. Evaluate existing sounding conditions at the Travel Lift Dock and floats and provide recommendations for appropriate dredging:

5. **General Requirements and Other Tasks** include:

5.1. Obtain necessary permits to allow in-water work per applicable requirements;

5.2. Ensure observers needed for protected species are provided during pile driving;

5.3. Consider Valdez snow load and skidsteer equipment operating weight when designing floats and gangways. Provide gangway covering and side panels like new boat harbor;

5.4. Evaluate options for float decks that provide resistance to skidsteer operations with chains, ice removal, spalling, chipping, warping, etc.; treated wood decks are preferred;

5.5. Avoid placing utility risers, light poles, FE cabinets, life rings, sign, etc. in middle at ends of head and main floats (need to allow for dumping snow at end of float);

5.6. Include triangular float sections at corners where finger floats attach to main floats;

5.7. Evaluate submerged ladders for head and main floats and incorporate as appropriate;

5.8. Provide new meter counters for electrical for all slips in the Small Boat Harbor;

5.9. Provide fire extinguishers, life rings, ladders and various signs as required by Codes, by Recommended Practices, and requested by the City.

Other reports and documents available after award of contract to include:

- Valdez Boat Ramp design drawing set dated 8/26/2011, prepared by Moffatt & Nichol
- Valdez Harbor Project Condition Survey June 15-22, 2015, by U.S. ACOE (Alaska District)
- Valdez Container Terminal and Small Boat Harbor Condition Assessment Report 2/16/2016, prepared by Moffatt & Nichol

Aerial View of Valdez Small Boat Harbor