ADDENDUM No. 1 TO THE CONTRACT DOCUMENTS

Project: UMC Dock Positions III & IV Replacement Project

Addendum Issue Date: March 1, 2017

Issued for Bid Date: February 17, 2017

Bid Due Date: March 22, 2017, 2:00pm (AK)

Previous Addenda Issued: Informational Notice to Bidders 2-17-2017

Issued By: Jacob Kopplow
PND Engineers, Inc.
1506 West 36th Avenue
Anchorage, Alaska 99503

Notice to Bidders:
Bidders must acknowledge receipt of this addendum prior to the date set for bid opening by one of the following methods:

(1) By acknowledging receipt of this addendum on the bid submitted.

(2) By fax which includes a reference to the project and addendum number.

The bid documents require acknowledgment individually of all addenda to the drawings and/or specifications. This is a mandatory requirement and any bid received without acknowledgment of receipt of addenda may be classified as not being a responsive bid. If, by virtue of this addendum it is desired to modify a bid already submitted, such modification may be made by fax provided such a fax makes reference to this addendum and is received prior to the opening date specified above.

The contract Documents for the above project are amended as follows (all other terms and conditions remain unchanged):

ITEM 1
Contract: UMC Dock Positions III & IV Replacement Project
Section: Selection Procedures Section 00400 – Article 6.1.1 – OPEN CELL SHEET PILE™ Bulkhead

Replace the last two sentences with:

The previous project experience shall include, at a minimum: in-water flat web sheet pile handling and installation of sheet pile over 55-feet in length. Projects shall be at least 50% complete or completed prior to the date of this Invitation to Bid.

ITEM 2
Contract: UMC Dock Positions III & IV Replacement Project
Section: Selection Procedures Section 00400 – Article 6.1.2 - Vibracompaction

6.1.2 Vibracompaction. Replace section with:

The Bidder shall submit a minimum of three (3) projects which demonstrate that the Bidder or anticipated subcontractor performing the work has experience with projects requiring vibracompaction, or other similar deep compaction techniques, of similar size and complexity under similar site conditions as contained in this project. Projects shall be at least 50% complete or completed prior to the date of this Invitation to Bid.
ITEM 3
Contract: UMC Dock Positions III & IV Replacement Project
Section: Selection Procedures Section 00400 – Article 6.1.3 – Interlocking Concrete Block Pavement

Replace the last sentence with:

Projects shall be at least 50% complete or completed prior to the date of this Invitation to Bid.

ITEM 4
Contract: UMC Dock Positions III & IV Replacement Project
Section: Selection Procedures Section 00400 – Article 6.1.4 – Structural Concrete

Replace the last sentence with:

Projects shall be at least 50% complete or completed prior to the date of this Invitation to Bid.

ITEM 5
Contract: UMC Dock Positions III & IV Replacement Project
Section: Selection Procedures Section 00400 – Article 6.1.5 – Pile Installation

Replace the last sentence with:

Projects shall be at least 50% complete or completed prior to the date of this Invitation to Bid.

ITEM 6
Contract: UMC Dock Positions III & IV Replacement Project
Section: Selection Procedures Section 00400 – Article 6.1.5.1

Replace the third bullet note with:

Demonstrate that a minimum of two key site personnel and the QC Manager have experience with post-tensioning pile installation, similar to those to be installed as part of this project, for a minimum of three (3) projects.

ITEM 7
Contract: UMC Dock Positions III & IV Replacement Project
Section: Selection Procedures Section 00400 – Article 6.2.2 through Article 6.2.4

Delete Articles in their entirety and replace with the following:

6.2.2. The Bidder must submit the requested information to demonstrate a record of related experience for this type of construction (which may include similar state or local government or private counterparts) included in this contract. Joint Venture partners shall each demonstrate experience commensurate with their role on this project or explain in the supplemental narrative how their experience qualifies them for their role on this project.

6.2.3. The City reserves the right to verify the experience record of cited projects or other relevant projects by interviewing Owners or references. The City may check any or all cited references to verify supplied information.

6.2.4. To receive credit for extent (amount) of experience, the Bidder shall demonstrate a history of relevant experience. A Bidder may receive credit for relevant experience under a previous business arrangement (joint venture for example); if the Bidder demonstrates that their role on the project submitted for Specialized Experience is relevant to their anticipated role on this project.
ITEM 8
Contract: UMC Dock Positions III & IV Replacement Project
Section: Selection Procedures Section 00400 – Article 6.2.5

Replace note (c) with:

Dates (at least 50% complete or completed preceding date of Invitation to Bid); and;

ITEM 9
Contract: UMC Dock Positions III & IV Replacement Project
Section: Selection Procedures Section 00400 – Article 8.1.1

Replace the last sentence with:

If the client requests, questionnaires may be submitted directly to the City’s point of contact, Dempsey Thieman via email at dthieman@pndengineers.com prior to the date of technical proposal submittal.

ITEM 10
Contract: UMC Dock Positions III & IV Replacement Project
Section: Selection Procedures Section 00400 – Article 8.1.2

Replace the first sentence with:

Projects cited shall be currently well underway (at least 50% construction progress completed) or construction substantially completed preceding the date of this Invitation to Bid.

ITEM 11
Contract: UMC Dock Positions III & IV Replacement Project
Section: Selection Procedures Section 00400 – Article 9.1.1

Replace the last sentence with:

If the client requests, questionnaires may be submitted directly to the City’s point of contact, Dempsey Thieman via email at dthieman@pndengineers.com prior to the date of technical proposal submittal.

ITEM 12
Contract: UMC Dock Positions III & IV Replacement Project
Section: Selection Procedures Section 00400 – Article 9.1.2

Replace the first sentence with:

Projects cited shall be currently well underway (at least 50% construction progress completed) or construction substantially completed preceding the date of this Invitation to Bid.

ITEM 13
Contract: UMC Dock Positions III & IV Replacement Project
Section: Selection Procedures Section 00400 – Attachment 1

Replace the first sentence with:

Provide the following information to show examples of projects your company constructed indicating experience with projects of similar type and scope.
ITEM 14
Contract: UMC Dock Positions III & IV Replacement Project
Section: Project Specifications Supplementary Conditions - Section 501 – STRUCTURAL CONCRETE

501-1.02 EXPERIENCE. Replace the first sentence with:

Contractor, partnering firms, sub-contractors, or supervisory staff participating as members of a proponents’ team shall demonstrate concrete experience on a minimum of three (3) concrete projects of similar size, complexity and environmental conditions as the scope of work for this project.

ITEM 15
Contract: UMC Dock Positions III & IV Replacement Project
Section: Project Specifications Supplementary Conditions - Section 514 – INTERLOCKING CONCRETE BLOCK PAVEMENT

514-1.04 QUALITY CONTROL AND INSTALLATION PLAN. Replace the first sentence of Part 4(b) with:

Provide mechanical installation project history for a minimum of three (3) projects of similar size and complexity.

ITEM 16
Contract: UMC Dock Positions III & IV Replacement Project
Section: Project Specifications Supplementary Conditions - Section 530 – OPEN CELL SHEET PILE™ BULKHEAD

530-1.05 CONTRACTOR'S EXPERIENCE WITH OPEN CELL SHEET PILE STRUCTURES. Replace subsection with:

The Contractor shall submit resumes for all key personnel, including both office and site supervisors, that will be assigned to this project. The key personnel shall have direct experience managing and installing at least three cellular flat web sheet pile bulkheads of similar size and complexity under similar site conditions as the bulkhead contained on this project. The previous project experience shall include, at a minimum: in-water flat web sheet pile handling and installation of sheet pile over 55-feet in length. The Contractor shall submit resumes of the key personnel for approval at least one month prior to project mobilization. At least one of the approved key personnel shall be onsite acting in a supervisory position at all times during construction of the sheet pile bulkhead. Any changes to the key personnel shall require written approval. The Contractor shall submit written notification including resumes for the replacement personnel at least 7 days in advance of the change.

ITEM 17
Contract: UMC Dock Positions III & IV Replacement Project
Section: Project Specifications Supplementary Conditions - Section 651 – CRANE TIE DOWNS

651-3.02 QUALITY CONTROL. Replace the second paragraph with:

Contractor QC Manager Experience Requirement – The Contractor shall provide a QC manager with experience of at least 3 post-tensioning piling projects of similar magnitude and scope.

ITEM 18
Contract: UMC Dock Positions III & IV Replacement Project
Section: Prebid Meeting Minutes

Attached are the minutes from the pre-bid meeting as well as responses to Bidder Questions received during the Prebid Meeting.

END OF ADDENDUM
CITY OF UNALASKA
UMC Dock Position III & IV Replacement Project
DWP Project No. 13602

PRE-BID MEETING MINUTES
February 24, 2017
2:00 PM

Prepared by: PND Engineers, Inc.

Attendees:
In Unalaska at Public Works
Any Romine PPM
Jacob Kopplow PND Engineers
Tom Cohenour COU
Tyler Zimmerman TZ Engineering
Peggy McLaughlin COU Ports
Scott Brown COU Ports
Rod Rushing Aleutian Electrical
Sue Rushing Aleutian Electrical
Billy Shai Bering Shai Rock
Vinnie Novak Orion Marine
Sung Kim Orion Marine

In Anchorage at PND Engineers Inc.
George Tipner Orion Marine
Joe Pihlaja Orion Marine
Michael Swalling Swalling Construction
Isaac Gehman Kiewit Infrastructure West
John Branchle Kiewit Infrastructure West
Scott Fowlds Kiewit Infrastructure West
Wes Sherman Kiewit Infrastructure West
Archie Stepp Northern AK
Bud Courtright Swalling Construction
Jason Davis Turnagain Marine
Buck Rockafellow Turnagain Marine
Logan Hooper Orion Marine

Elsewhere (via telephone conference line)
Aaron Shelly Cruise Construction
Dave Bingham Manson Construction
Rada Khadjinova Fugro
Jim Graham Brechan Construction
Mark Morris Morris Engineering Group
Allen Proster Proster-Dagg Construction
Mike Wheatly Brice Inc.
Lane Chesley Puffin Electric
Bill Smith Puffin Electric
Peter Merser Con and Johnson
Josh Hill Brechan Construction
Bernie Rosenberger Global Diving and Salvage
Meeting Notes:

Early Meeting Reminder:

- Please remember to sign in for the meeting, and don’t forget to send Lori an email at lgregory@ci.unalaska.ak.us to get on the plan holders list. This is important to make sure you are notified of addenda.

Introduction & Project Overview:

- The City of Unalaska is seeking a Contractor to replace the existing UMC Dock Positions III and IV. The work generally consists of replacing a portion of the UMC Dock located on Ballyhoo Road. This work will require demolition of dock portions III & IV to allow for installation of a new OPEN CELL SHEET PILE™ bulkhead with an approximate length of 750 feet. Major work items include:
  - Demolition of two existing pile supported docks; one timber (position III, which will also include a sheet pile bulkhead, dolphins and catwalks) and one concrete (position IV).
  - Removal and salvage of existing armor rock, catwalks, and dolphin caps
  - Installation of a new sheet pile bulkhead, shot rock backfill, vibracompaction, and cathodic protection.
  - Structural steel to include tie beam supports, season 1 facebeam, bullrails, ladders, high mast light foundations, fenders, and crane tie downs and stops.
  - Installation of new pipe pile for crane rail beam, fenders, dock transitions, crane tie downs, and high mast lights. Note that this project has both pile socketing and anchoring.
  - Installation of concrete crane rail beams, face beam, transition slabs, and edge restraint curb.
  - Installation of infrastructure to support a future 50-foot gauge container crane such as conduits, cable trough, and cable anchor pit. No electrical services necessary to operate a new crane will be installed under this project.
  - Installation of new fuel lines for both fuel vendors including fuel vaults, cathodic protection, and electrical vaults and conduit. No new electrical services for fuel vendors will be installed under this project.
  - Installation of water services, sewer services, storm drain systems and associated vaults.
  - Install one new highmast light, salvage and reinstall one existing highmast light, and install security cameras.
  - Install interlocking concrete block pavement surface.

- Additive alternates for this project include 1: development of a nearby material source (next to the NPF tank farm) on City land to furnish shot rock fill for the project, 2: constructing a shot rock fill pad on the south end of Position VII referred to as the Ballyhoo Road Extension, and 3: providing 4” thick interlocking concrete blocks.

- This project includes in-water work, and must comply with Protected Species monitoring and reporting in accordance with the Specifications and Project Permits.
Review of Project Documents:

1) Important Project Dates
   a. Site Walk with Engineer/Owner – February 24, 2017; following prebid meeting
   b. Technical Proposals Due – March 15, 2017; 2:00pm
   c. Bid Due Date – March 22, 2017; 2:00pm
      • Bid form, bid bond, addenda, etc.
   d. Approval to Award from Council – Tentative March 28th, 2017
   e. Limited NOA – Tentative March 29th, 2017
   f. Bond Funding – Tentative April 11th, 2017
   g. Issue NTP – Tentative April 12th, 2017
      • Note bids are good for 60 days
   h. Interim Completion – February 1, 2018 (OCSP, Shotrock Fill, Vibracompaction,
      Season 1 Facebeam, Fenders, Operations Slab, all Piles)
   i. Substantial Completion – October 1, 2018 for Base & Additive Alternates
   j. Final Completion – November 1, 2018

2) Review of Project Documents
   a. Technical Proposal (per section 00400)
      • Intended to demonstrate bidders’ capability to successfully execute the
        construction contract
      • There are five categories that the technical proposal will be graded on
        1. Specialized Experience (30 points)
        2. Means and Methods (15 points)
        3. Past Performance (25 points)
        4. Customer Satisfaction (20 points)
        5. Summary Schedule (10 points)
      • Evaluation team, which will consist of the Engineer, Public Works, and
        Ports and Harbors, will individually rank proposals lowest to highest, and
        the scores from each evaluation member for each proposal will be
        averaged. The technical proposal is worth 10% of the total score, with
        90% being the cost. See algorithm for scoring.
      • The evaluation team will make a recommendation to city council based
        on the best value proposal. The city council is not required to make the
        contract award as recommended by the evaluation team.
   b. Specifications and Supplementary Conditions
      • Note that is project is using ADOT 2015 Standard Specifications for
        Highway Construction.
      • Supplementary Conditions are provide in the contract documents.
   c. Minimum Rates of Pay
      • Contractor shall comply with Federal and State labor regulations.
      • State wage rates shall be those rates in effect 10 days before bid opening
        (September 2016).
   d. Existing Facilities Drawings
      • Note drawings are attached in the contract documents for the Warehouse,
        Loading Dock, Pos III, Pos IV, Pos V-VII, USCG Dock and Fender
        Upgrades.
• A dive inspection report of the facility is attached in the contract documents. A video of the dive inspection is available on a jump drive at the PND Anchorage Office and the COU Public Works Office.

e. Design Drawings
• Please direct technical questions via email to Jake Kopplow and cc Robert Lund

f. Permits
• IHA, M8 (Ballyhoo Extension Fill), and M9 (IHA and Additional Piles) are pending – Expected in a few weeks
• Construction can commence without these permits, just lacking approval for “takes” for marine mammals and approval of all piles and Ballyhoo Extension fill placement.
• IHA reporting to PND prior to submittal to agency.
• Contractor will be responsible for SWPPP and CGP.

3) Traffic Control, Coordination, Security
a. General
• Contractor is greatly encouraged to visit the project site and give due consideration to local traffic, housing logistics, and travel logistics.
• Also note that Unalaska experiences frequent and dramatic changes in weather conditions which may affect construction schedules. Contractors are advised to consider ample weather days in their project scheduling.

b. Traffic Control
• Required when impacting public travel ways.
• Oversized/overweight vehicles permitted, in accordance with the regulations of 17 AAC 25 issued by ADOT, for hauling shot rock from the UMC quarry to site with approved traffic control plan. Contractor shall protect road surface and dock surfaces and will be responsible for replacement if damage occurs.

c. Site Security
• Protection of work area and control of access into the area.

d. Fuel Vendors
• Fuel Vendors are North Pacific Fuels and Delta Western.
• Coordinate evacuation of fuel lines with vendors.
• Coordinate shutdowns and temporary service connections.
• Accommodate routing of soft lines as necessary.

e. Ports and Harbors
• Coordinate major construction activities with Ports and Harbors.

4) Registration on Plan Holders List
• Please register on the Plan Holders list to ensure you receive all notifications and addenda.
• Email request to Lori at lgregory@ci.unalaska.ak.us

5) Full Time Onsite Engineer
• An engineer from PND Engineers will be onsite full time during construction for assistance and quality assurance.
Questions from Bidders:

1. On pay items, it appears that there will be payment for quarry development in both the base bid and the add alt. Please clarify.

   Response: The UMC quarry will be available in the base bid at the contractor’s option. Should the contractor elect to use the UMC quarry as their material source as opposed to an offsite source, the contractor should fill in the appropriate costs in the base bid. It is intended to cost out the quarry regardless, meaning the contractor will fill in the quarry cost as zero in either the base bid of the alt. bid.

2. Can you provide the contact information for Delta Western and North Pacific Fuels?

   Response: Lars Peterson, North Pacific Fuels; LPeterson@petrostar.com 907-322-1793
   Tim Hunter, Delta Western; timh@deltawestern.com 907-581-1295

3. In the Information for Bidders, there was some discussion about the monitoring distance being 2000 feet until IHA permit is approved. Should that say 2000 meters? Do we bid the project based on the 2000 meters or on the assumption that we will get the IHA? Specifically, I am concerned about the shutdowns.

   Response: If 2000 feet observation radius was mentioned in the Informational set this does seem incorrect. Please refer to the “Issued for Bid” DRAFT Marine Mammal Monitoring Plan (MMMP) for all marine mammal monitoring protocol. If the final permits are not received in time for contractors to finalize their price proposal, the DRAFT MMMP shall be the basis for bid price. The contract price will be negotiated once final permits are received.

4. The add alt for Ballyhoo Road Extension (add alt 2) will only be approved if the add alt for quarry development (add alt 1) is approved, correct?

   Response: That is correct. The approval of the Ballyhoo Road Extension is conditional on the approval of the Quarry Development.

5. Regarding the fill placement, the Clean Water Act requires a sediment silt curtain with standing water. Will a sediment silt curtain be required when placing fill?

   Response: We will provide a response in a future addendum.

6. In the development of the IHA, it is my understanding that pre-monitoring is required for the IHA application. Can this information be provided to assist the contractor in determining the number of possible takes and shutdowns?

   Response: Please refer to the “Issued for Bid” DRAFT Marine Mammal Monitoring Plan (MMMP) for all marine mammal monitoring protocol. Any data that may have been collected for the IHA application will not be distributed. We will however be providing additional sighting data that was collected as part of a different project. See addenda #2.
7. Additional clarifications were provided by Paul Kendal.

Response: Note the requirement for inspection and approval of barges and materials prior to materials being shipped offsite. Also, note the DRAFT MMMP has incorporated new guidance that most contractors have not dealt with yet.

8. In the pile driving sequence inside of the OPEN CELL’s, can that work be started prior to cell stabilization? And, is the alignment of the crane rail piles provided in the drawings is the start alignment and takes into account lateral movement of the cells?

Response: A response to this question will be provided in a future addendum.

9. Have quantities for fill been developed and does the design take into consideration the amount of lateral movement and settlement anticipated after stabilization?

Response: We will not be providing fill quantities for this project. It will be the responsibility of the contractor to develop quantities.

Regarding lateral and vertical movement during cell stabilization, the design for wye locations have been determined based on anticipated expansion assuming the cells and fill are installed as specified. Expected expansion in the cells can be accommodated by the face beam.

10. Will CAD drawings be provided for the development of fill quantities?

Response: We will not be providing CAD drawings or fill quantities.

11. How much settlement and movement of the OPEN CELL is anticipated?

Response: We will provide a response in future addendum.

12. Regarding the Quarry, how much room is available to stage equipment and materials?

Response: All city land available adjacent to the quarry is available to the contractors use. Also refer to sheet G-201 for additional areas that have been allotted to the contractor for staging.

13. When are we expecting questions from the contractors?

Response: Questions will be received at any time via email to Jacob Kopplow; jkopplow@pndengineers.com and cc Robert Lund; rlund@ci.unalaska.ak.us. Responses to questions cannot be guaranteed for questions received after 6 days prior to bid opening.
14. How are we supposed to list our subs in the technical proposal if we do not have pricing from subs completed by the submission of the technical proposal?

Response: We will provide a response in future addendum.

15. Technical proposals will not be divulged, correct?

Response: Technical proposals are for internal review by the evaluation team only. Technical proposals will not be distributed.

16. Will there be any federal funding for this project?

Response: No

17. Can you please give an overview of any geotechnical or geophysical work that has already been completed for the project?

Response: PND performed an onshore and offshore field investigation consisting of drilling and sampling nine boreholes from March 6th to 17th, 2014. Field operations were managed and supervised by PND field personnel who logged the recovered soil samples and directed the drilling operation. Borehole locations were selected based on locations for the proposed dock facility.

The boreholes were drilled using a CME-75 truck mounted drill rig. The drill rig was located on a marine vessel. The drill rig was equipped with 4.5 inch outer diameter (O.D.), 1/8-inch thick-walled steel casing used to maintain borehole integrity. The steel casing was driven to the desired depth with a 340 lb automatic hammer attached to the CME-75 drill rig. The casing was cleaned out using a tri-cone bit at the tip of the drill steel with soil samples taken beyond the casing using an oversized non-standard split spoon.

Soil characteristics such as classification, consistency, moisture, texture, and density were noted for each sample recovered. Classification in the field was done following the Unified Soils Classification System (USCS) according to ASTM D2487.

Split-spoon samples were collected at various depths below the ground surface (bgs) to obtain representative samples of the subsurface soil conditions. The recovered samples were visually classified in the field before being individually sealed in double plastic bags and transported to PND’s Anchorage laboratory for additional testing.

The outer casing was driven to refusal on bedrock which was known to exist within a distance of 20 to 45 feet bgs. Rock cores were not collected as part of the field exploration however some fractured bedrock was recovered in the split-spoon or the casing. These rock samples were visually classified and are included in the borehole logs.

Please refer to the geotechnical report in the contract documents for more information.
END OF MEETING MINUTES

Please provide any comments on the meeting minutes to Jacob Kopplow at PND Engineers, Inc. JKopplow@pndengineers.com and cc Robert Lund at rlund@ci.unalaska.ak.us