

# MUNICIPALITY OF ANCHORAGE PURCHASING DEPARTMENT

PHONE (907) 343-4590 P.O. Box 196650 ANCHORAGE, ALASKA 99519-6650

DATE OF INVITATION <b>July 19, 2022</b>	TIME AND DATE OF OPENING <b>3:00 PM Local Time, August 25, 2022</b>
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## ADDENDUM No. 2

TO INVITATION TO BID No. 2022C035

DATE ISSUED: August 16, 2022

TITLE: Pump Station 12 Improvements.

The following changes and/or additions are hereby made to subject Invitation to Bid:

1. **INCORPORATE:** Modifications and Questions and Answers, Consisting of six (6) pages, identified as Addendum No. 2.
2. **REPLACE:** TCE in section XIV- Temporary Construction Permits and Easements with Attachment 1 - Tract A5 TCE\_Rev 1 consisting of two (2) pages.
3. **ADD:** The Attachment 2 - ADOT Utility Permit, Consisting of twenty-five (25) pages.

All other terms, conditions and specifications remain unchanged.

An electronic (.pdf) copy of the Invitation to Bid is available at Municipality of Anchorage, Purchasing Office website; (<http://www.muni.org/Departments/purchasing/Pages/bidding.aspx>) Should you choose to obtain a copy of the Invitation to Bid from the website; it is your responsibility to periodically check the website for addends.

THIS ADDENDUM MUST BE ACKNOWLEDGED IN SPACE PROVIDED ON BID PROPOSAL SHEET OR SIGNED AND RETURNED TO PURCHASING PRIOR TO TIME SET FOR BID OPENING IN ACCORDANCE WITH ANCHORAGE MUNICIPAL CODE 7.20.020C.

Municipality of Anchorage reserves the right to accept or reject bids. Prices quoted must be F.O.B. Destination. Municipality is exempt from Federal Excise Tax. Bids shall be submitted to the Purchasing Office prior to time set for opening. Any bids not received by the Purchasing Office prior to that time will not be considered and will be returned.

PLEASE ACKNOWLEDGE AND RETURN THIS ADDENDUM PRIOR TO THE DATE AND TIME SHOWN ABOVE OR YOUR BID MAY BE REJECTED.

VENDOR NAME \_\_\_\_\_  
ANCHORAGE

MUNICIPALITY OF

SIGNATURE \_\_\_\_\_

*Chris Hunter*

DATE OF BID \_\_\_\_\_

\_\_\_\_\_  
Chris Hunter  
Deputy Purchasing Director

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**TO: PLANHOLDERS**

The contract documents for the referenced project are clarified and amended as follows:

**MODIFICATIONS:**

- Item No. 1: SECTION XIV-TEMPORARY CONSTRUCTION PERMITS AND EASEMENTS *remove and replace with:* revised temporary construction permit legal description and map for Tract A5, Campbell Woods Subdivision per attachment.
- Item No. 2: SECTION XV-PERMITS, *Insert the following:* approved ADOT/PF Permit No. 1-133700-22-067 per attachment.
- Item No. 3: SECTION 10.05-CONTROL OF WORK, ARTICLE 5.22 TIME FOR COMPLETION OF WORK  
*Remove “three hundred sixty (360)” and replace with “four hundred sixty (460)”*
- Item No. 4: SECTION 50.14-CURED IN PLACE PIPE (CIPP) LINING AND SPOT REPAIR, ARTICLE 14.1 GENERAL, FIRST SENTENCE OF THE SECOND PARAGRAPH  
*Remove “NSF/ANSI 61”*
- Item No. 5: SECTION 50.14-CURED IN PLACE PIPE (CIPP) LINING AND SPOT REPAIR, ARTICLE 14.3 MATERIALS, SUBSECTION C STRUCTURAL REQUIREMENTS, DESIGN CRITERIA  
*Remove Note #7, Note #8 and Note #9 and replace with:*  
“7. Operating pressure range shall be -15 psi to 65 psi.  
8. Maximum design pressure shall be 65 psi.  
9. System test pressure shall be 65 psi.  
10. Soil density shall be 125 pcf.  
11. Modulus of soil reaction E' shall be 3,000 psi.”
- Item No. 6: SECTION III TECHNICAL SPECIFICATIONS, SECTION 09 90 00 PAINTING AND COATING, SUBSECTION 1.5 WARRANTY  
*Add the following to the end of subsection A:*  
“A manufacturer’s representative inspection won’t be required of “architectural” paints, coating systems no. 12 & 13 specifically, if the contractor and/or sub-contractor can provide a letter from the manufacturer stating they will honor the manufacturer’s 5-year product warranty without inspection.”
- Item No. 7: SECTION III TECHNICAL SPECIFICATIONS, SECTION 09 90 00 PAINTING AND COATING, SUBSECTION 3.6 APPLICATION  
*Remove subsection B-2 and replace with:*  
“Prepare surface and apply primer in accordance with System No. 10 specification.”
- Item No. 8: SECTION III TECHNICAL SPECIFICATIONS, SECTION 09 90 00 PAINTING AND COATING, SUBSECTION 3.9 FIELD QUALITY CONTROL  
*Add the following to the end of subsection A-2:*

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“The Inspector shall examine any and all phases of the work to be performed during the surface preparation and coating application as outlined for the project. The Contractor is responsible for furnishing access to prepared and painted surfaces sufficiently to allow the Inspector to verify the product meets the requirements of the specifications. The Inspector shall supply to the Engineer report(s) that include these minimum elements on a daily basis when surface preparation and coating work is taking place: Environmental conditions, wet and dry bulb temperatures, steel temperatures, surface profiles, dew points, humidity, tests, dates and times of work performed, wet and dry coating thickness (mils), pre-cleaning preparation, holiday testing procedures and coating problems results, and a final SSPC-PA2. The Contractor is required to remedy all deficiencies identified by the Inspector and all rework must be subject to re-inspection and testing.”

Item No. 9: SECTION III TECHNICAL SPECIFICATIONS, SECTION 09 90 00 PAINTING AND COATING, SUBSECTION 3.11 APPLICATION SCHEDULE

*Remove subsection G and replace with:*

“G. System No. 10 Galvanized Metal, Copper, and Nonferrous Metal Alloy Conditioning: Use on the following items or areas:

1. Copper water piping
2. After application of System No. 10, apply finish coats as required for exposure.”

Item No. 10: SECTION XX-DRAWINGS, SHEET L1 (SHEET 75 of 104), NOTE 6  
*Remove “MASS Schedule D Seed Mix” and replace with “Special Seed Mix”*

Item No. 11: SECTION XX-DRAWINGS, SHEET R8 (SHEET 99 of 104)

*Add the following two general notes:*

- “1. Both 20” and 24” DIP have mortar lining in accordance with AWWA standards”
- “2. The 20” DIP is listed as Class 3. The class numbering system changed in the mid-1970s and Class 3 is the same as the current Class 53.”

Item No. 12: SECTION III TECHNICAL SPECIFICATIONS, SECTION 40 23 40 SANITARY WASTEWATER PROCESS PIPING, SUBSECTION 2.2 PIPING

*Add the following to the end of the subsection:*

“L. FLEXIBLE EXPANSION JOINTS

1. Service: Flexible connection between pump discharge and piping
2. Units: Provide a total of 5 (1 for each pump, 1 spare)
3. Design pressure: 225 psi
4. Concentric taper
5. Single arch, open
6. Minimum allowable movements:
  - a. Axial compression: 1.75”
  - b. Axial extension: 0.75”
  - c. Lateral offset: 1”
  - d. Angular rotation: 2 degrees
7. EPDM tube and cover, polyester reinforcement
8. Flanges:

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- a. 150# drilled
- b. Carbon steel retaining rings, 3/8" thickness (minimum), galvanized
9. Designed in accordance with Fluid Sealing Association Technical Handbook sixth edition.
10. Tolerances in accordance with Rubber Manufacturers Association
11. Manufacturer and Model: Kadant Uniflex C101EE, or approved equal"

**QUESTIONS & ANSWERS:**

**Question 1:** Why do we need a NSF/ANSI61 Potable Water Certificate if this is a sanitary sewer line?

**Answer 1:** The requirement for NSF/ANSI 61 has been removed. See Modification Item #4.

**Question 2:** The CIPP liner that would need to used on this project has very specific perimeters. In order to get the best product and have a successful installation, please answer the follow for both the 20" and 24" DI Force Main that will be lined:

1. Design Pressure DP.
2. Maximum Design Pressure MDP.
3. System Test Pressure STP.
4. Static calculation necessary - If yes, according to DWA-A 143-2 or ASTM F1216.
5. Inner diameter of circular shape - min. and max. in mm.
6. Host pipe material.
7. Inner coating.
8. Bends (e.g. fittings, segments) - If yes, is an excavation pit provided?
9. Total length of rehabilitation.
10. Length of individual section - min. and max.

**Answer 2:** line #1, #2, and #3 have been addressed in Modification Item #5. line #4 is addressed in SECTION 50.14-CURED IN PLACE PIPE (CIPP) LINING AND SPOT REPAIR, ARTICLE 14.3 SUBMITTALS, SUBARTICLE A.2. For line #5 through #10 refer to Modification Item #11 and the project drawings (sheets R6 through R11).

**Question 3:** Can we get a copy of the video from the last CCTV inspection for the 20" and 24" force main?

**Answer 3:** Please contact Mark Queen/Project Engineer at 907-564-2756 or Will O'Malley/Project Manager at 907-564-2767 to obtain a copy of the CCTV video.

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**Question 4:** The bid documents state that the contractor is responsible for the water and debris from jetting the pipes. The question that I have is will AWWU accept the material at their King St. location.

**Answer 4: See Section 50.15 SEWER LINE AND WET WELL CLEANING, Article 15.3 Construction, C. Material Disposal.**

**Question 5:** L1 landscape Plans Note 6 show M.A.S.S. Schedule A seeding for lawn area and M.A.S.S Schedule D seeding for all other disturbed areas. However note 11 specifies "Special Seed Mix" for all disturbed areas. Which one is correct, Schedule D or "Special Mix", and if the "Special Mix" is required, what are the specs for it? Many of the native seeds are quite expensive and difficult to budget for without knowing first what to use or how much?

**Answer 5: See Modification Item #10.**

**Question 6:** E1.1 45/104 sheet note 1. Sheet note 1 calls out to provide new service entrance conductors. For bidding there are no conductors called out in the bid documents. The sheet note say this is to be determined by CEA. Are these conductors to be provided and installed by the contractor, or by CEA. If the intent is to have the contractor provide and install these conductors, can you provide a cable size and quantity to be used for the basis of the bid?

**Answer 6: Service entrance conductor size is identified in the Circuit Schedule on sheet E1.1 (45 of 104).**

**Question 7:** Sheet E1.1 45of104. From the MCC to P1 thru P4 is feed by cable tag #2. 3"c. (3)350mcm, (1)#2. Please confirm that this is type XHHW wire, and not a shielded VFD cable as has been specified on other projects.

**Answer 7: The motor circuit conductors for pumps P-1 through P-4 are intended to be VFD rated cable, as indicated by Sheet Note #11 (of Sheet E1.1, 45 of 104) which reads, "Provide new VFD rated pump cable (typ. Of 4). ...".**

**Question 8:** Project completion is 360 calendar days. I am being told an estimated lead time for the electrical gear is 60 plus weeks after submittal approval with no firm delivery date. Can the completion for this project be adjusted to take into account approximate current lead times for materials?

**Answer 8: See Modification Item #3.**

**Question 9:** Section 09 90 00-1.5-A requires mfg rep to inspect all surfaces being coated for proper prep prior to application. Please confirm this will not be required for the various "architectural" paints?

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**Answer 9: See Modification Item #6.**

**Question 10:** Section 09 90 00-1.5-B-5 indicates that blasting "shall be avoided" where it pertains to lead based paint. Will it be allowable to complete blasting to remove LBP assuming it meets all of the other applicable governing body (AKOSH, EPA etc) restrictions?

**Answer 10: We assume the questioner was meaning to reference Section 09 90 00-1.7-B-5. It will be the responsibility of the Contractor and/or sub-contractor to develop, submit and follow a Lead paint abatement plan (see 09 90 00-1.3-D-1) for the removal and disposal of materials containing lead. If the developed plan includes blasting as a lead removal procedure and all the engineered safety and environmental/worker requirements are met, there shouldn't be an anticipated issue.**

**Question 11:** Section 09 90 00-1.5-B-6 and 7 are unclear in their intent. Should it be assumed that discovery of any additional LBP should be reported to the engineer but will still be the contractors financial responsibility? This introduces a significant level of uncertainty and contingency into the bid.

**Answer 11: We assume the questioner was meaning to reference 09 90 00-1.7-B-6 and 7. Yes, that is the way Section 09 90 00-1.5-B-6 and 7 are intended to be. A lead and asbestos survey was conducted in 2011 and is included in SECTION XVIII- HAZARDOUS MATERIALS SURVEY REPORT.**

**Question 12:** Section 09 90 00-2.3-B lists the project products however it appears that there are several products listed which are not specified in the coating systems. Can you confirm the list is generic and not all materials are intended to be used?

**Answer 12: Yes, this section is a generic list. Please refer to Section 09 90 00-3.11 APPLICATION SCHEDULE for an application systems schedule.**

**Question 13:** Section 09 90 00-3.1-B calls for performing work only in the presence of the contracting officers rep unless approval is granted. If approval is not granted can it be confirmed that a rep will be available at all time with as much notice as possible? Often time 7 days notice of various weather dependent or other successor scopes is not feasible.

**Answer 13: Bidder's should anticipate providing a minimum of 24-48 hours' notice to the contracting officers representative if prior approval is not granted. Section 09 90 00-3.1-A requirement of 7-days' notice will be exhibited in subsequent progress schedules and construction progress meetings.**

**Question 14:** Section 09 90 00-3.4-C appears to require that galvanized, copper and non-ferrous (stainless steel) surfaces are to be coated however section 3.11-A-2 indicates they are not to be coated. except for the 3 items listed. Please confirm which section 3.4 will only

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apply for the 3 items listed under 3.11-A-2. 6B. If these are to be coated Section 09 90 00-3.6-B indicates they are to be coated with System #5, however section 3.7 does not include a system #5, please clarify.

**Answer 14: Refer to Section 09 90 00-3.11-A-2 and G-1 for the application schedule of copper. Refer to Section 09 90 00-3.7-E for the protective coating system required for copper. See Modification Item #7 and Modification Item #9.**

**Question 15:** Section 09 90 00-3.9-A-1 requires the contractor provides an independent NACE 3 coatings inspector. These level of independent inspectors are all but impossible to obtain due to the very limited number. The specifications are unclear on when the inspector is required onsite. Will hold point (pre-prep, post prep, post coating application etc) inspections be allowed or is the intent for full time inspection?

**Answer 15: Refer to Section 09 90 00-3.9-A-2 and Modification Item #8 for requirements of the Independent Testing Inspector.**

**Question 16:** If full time inspection is required often the QA is provided as follows. Utilize an independent NACE Level 2 inspector onsite with report review only by an independent NACE level 3 and the contractor supplies a NACE level 3 inspector as well to perform the QC inspections. Will this be allowed?

**Answer 16: Full time Independent NACE inspection isn't required. Refer to Section 09 90 00-3.9-A-2 and Modification Item #8 for requirements of the Independent Testing Inspector.**

**Where any requirements of the Invitation to Bid are in conflict with an item in an Addendum, the Addendum shall govern.**

**All other terms and conditions of the Invitation to Bid shall remain unchanged and in full force and effect.**

END OF ADDENDUM NO. 2