

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

Issue Date	Time and Date of Opening	Buyer	Buyer Phone Number
10/13/22	2:00 P.M. Alaska Time, November 10, 2022	Melanie A. Clark	907-343-4590

ADDENDUM No. 1

TO INVITATION TO BID No. 2022B061 DATE ISSUED: October 17, 2022

TITLE: 2022B061 –Provide PCT Line Cleaning Fuel to the Municipality of Anchorage, Port of Alaska (POA)

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

- Replace;** Special Provision, sheet SP-1 thru SP-5 and replace with the attached revised Special Provision page consisting of SP-1R thru SP-5R identified as Addendum No 1 dated October 17, 2022.

All other terms, conditions, and specifications remain unchanged.

An electronic (.pdf) copy of the Invitation to Bid is available at MOA, Purchasing Department's website; (<http://www.muni.org/Departments/purchasing/Pages/bidding.aspx>). It is your responsibility to periodically check the website for any addenda.

ANY QUESTIONS REGARDING ADDENDUM #1, MUST BE SUBMITTED IN WRITING TO WWPUR@MUNI.ORG BY 12:00 P.M., ALASKA TIME, October 21, 2022. Please reference the Project Title and Invitation to Bid Number.

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.

The MOA reserves the right to accept or reject bids. Prices bid must be F.O.B. Destination. The MOA is exempt from Federal Excise Tax. Bids must be submitted to the Purchasing Department prior to time set for opening. Any bids not received by the Purchasing Department prior to that time will not be considered and will be returned. Time of receipt of bids will be as determined by the time stamp in the Purchasing Department, 632 W. 6th Avenue, Suite 520.

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

MUNICIPALITY OF ANCHORAGE

 Authorized Representative Signature Date

Chris Hunter

 Printed Name

 Chris Hunter
 Deputy Purchasing Director

 Printed Vendor

**MUNICIPALITY OF ANCHORAGE
PORT OF ALASKA****PCT PETROLEUM LINE COMMISSIONING****22-06****SPECIAL PROVISIONS****LOCATION AND SCOPE**

All proposed Work is located within the Municipality of Anchorage corporate limits and is more particularly located at the Port of Alaska (POA). The Work included under this Contract consists of furnishing all labor, materials, equipment, supervision, and other facilities necessary to successfully complete the Work set forth in the Scope of Work. It is the responsibility of the bidder to prepare the bid so that all materials and/or fittings shall harmoniously conform to the intent of the Contract, Specifications, and Special Provisions.

Below are the schedules of Work that are presented in the Bid Proposal:

Schedule A:	Strainer Installation
Schedule B:	Sweep and Soak Test, Fuel Testing and Tank Gauging
Schedule C:	Stainer Removal

SECTION 95.03 TIME OF COMPLETION

The Work necessary to install the basket strainers (Schedule A) shall be completed within ten (10) calendar days of the Notice to Proceed (NTP). Once Schedule A Work has been accepted as complete, the contractual time clock will be suspended until a Notice-to-Resume is issued and Schedule B work begins. Schedule B work shall be completed within thirty (30) days. Schedule B work will require coordination with the POA to schedule fuel deliveries with the Users. Once Schedule B work has been accepted as complete for all five (5) product lines, the Contractor shall have ten (10) calendar days to remove basket strainers (Schedule C).

DEFINITIONS

Add the following:

MLLW	Mean Lower Low Water
MOA	Municipality of Anchorage
MOV	Motor-Operated Valves
PCT	Petroleum Cement Terminal
POA	Port of Alaska
POAVY	Port of Alaska Valve Yard
POL	Petroleum, Oil, Lubricant
ULSD	Ultra-Low Sulfur Diesel

Add the following definitions:

Equipment – All vehicles, machinery and tools to perform all phases of construction including maintenance and repair of such vehicles, machinery and tools.

Labor – Qualified, certified, and skilled individual(s) with full dexterity to accomplish assigned tasks.

SECTION 10.04 SCOPE OF WORK

Article 4.0 Summary of Work

The Scope of Work for this project covers all work required to commission five (5) petroleum product lines at the POA PCT. This includes the installation, and later removal, by the Contractor of start-up strainers in the POAVY to protect downstream equipment on five (5) petroleum product lines during commissioning. With the strainers in place, the lines will be commissioned by the Contractor using fuel offloaded from a vessel berthed at the PCT, through POAVY, and into tankage at a terminal facility connected to the POAVY. The Contractor will perform a soak test on each line according to the American Petroleum Institute Recommended Practice (API RP) 1595. Contractor shall conduct fuel testing and tank gauging of fuel delivery vessel and terminal tank before and after flushing of each line. Once the product line passes the soak test, it will be considered successfully commissioned and ready for normal operation. If it does not pass the soak test, the sweep and soak procedure shall be repeated. After the five (5) product lines have passed the soak test, the Contractor shall remove the strainers. It is anticipated that the product lines will be commissioned independently due to the various constraints including vessel schedules and availability of specific products.

After given Notice to Proceed by the POA, the Contractor shall commence with work required under Schedule A: Strainer Installation as outlined below.

1. Install energy isolation at POAVY and PCT per POA and Contractor procedures.
2. Unbolt and remove POAVY plug valves.
 - a. Install spill containment under flanges and have vacuum truck available for use prior to opening flanges at five (5) locations: valves

- V5012/6012/7012/8012, and motor-operated valves (MOV) MOV-111 (or upstream pipe spool).
- b. Valves are 12" Class 150 Western Valve DAN-EX reduced port plug valves, approximately 890 lbs. each, installed in a horizontal orientation. Refer to Western Valve Installation, Operation, and Maintenance (IOM) manual in Section XII, Supporting Documentation, for additional information.
 3. Install basket strainers in the upstream flange set at each location. Refer to Hendrix Specialty Fabrication Installation, Maintenance, and Spare Parts
 4. Reinstall POAVY plug valves at all five (5) locations.
 5. Remove energy isolation.

After given Notice to Proceed by the POA, the Contractor shall commence with work required under Schedule B: Sweep and Soak Test, Fuel Testing and Tank Gauging as outlined below. Schedule B work will require coordination with the POA to schedule work appropriately with other operations at the POAVY.

1. Contractor will berth vessel at PCT and connect vessel to berthing line to POAVY.
2. Contractor will gauge vessel tank and terminal tank.
3. Contractor will sample and test fuel from vessel according to API RP 1595 Table 1, or according to product specification if non-aviation product is used. If product from vessel meets specification, the unloading operation may proceed.
4. Contractor will open manual valves on PCT berthing line, MOV and User main manifold valve at POAVY, and appropriate User valves to line up flow to terminal tank.
5. Contractor will pump product from vessel into PCT berthing line. Product volume pumped into line should be at least the volume of the berthing line, not to exceed 900 barrels (37,800 gallons) without additional approval by POA.
6. User will close manual valves on PCT berthing line, MOV and User main manifold valve at POAVY, and appropriate User valves.
7. Contractor will gauge vessel tank and terminal tank.
8. Contractor will pull and test pre-soak sample from berthing line according to API RP 1595 Table 1, or according to product specification if non-aviation product is used. Sample point should be 3/4" vent near MOV at POAVY, or alternative point on User piping at POAVY.
9. Soak test shall be conducted by holding product in berthing line for 4 days to meet requirements of API RP 1595 paragraph 5.3.2.6 and Table 2.
10. After completion of soak test, Contractor will pull and test post-soak sample from berthing line according to API RP 1595 Table 1, or according to product specification if non-aviation product is used. Sample point should be 3/4" vent near MOV at POAVY, or alternative point on User piping at POAVY.
 - a. If product from line meets specification, the PCT berthing line has been successfully commissioned and will be considered ready for normal operation.
 - b. If product from line does not meet specification, repeat the procedure for the soak test per API RP 1595 paragraph 5.3.2.6.

Upon successful commissioning of the product lines and after given Notice to Proceed by the POA, Contractor shall commence with work required under Schedule C: Strainer

Removal as outlined below.

1. The Contractor shall schedule the date and time of strainer removal with POA at least 48 hours prior to initiating the work to allow POA to provide Users with at least 24 hours notification, so strainer removal and cleanout can be witnessed.
2. Install energy isolation at POAVY and PCT per POA and Contractor procedures.
3. Unbolt and remove POAVY plug valves.
 - a. Install spill containment under flanges and have vacuum truck available for use prior to opening at the previously defined five (5) valve locations.
4. Remove strainers and any accumulated debris in the upstream piping.
5. Reinstall POAVY plug valves at all five (5) locations.
6. Remove energy isolation.

The Contractor shall provide trained personnel and all required material and equipment to perform the Scope of Work as described above, including but not limited to:

1. Fuel, approximately 900 barrels per line, meeting product specification appropriate to the service of each petroleum line:
 - a. Jet A meeting ASTM D1655, approximately 1800 barrels, for lines B5 and B7
 - b. Ultra-Low Sulfur Diesel meeting ASTM D975, approximately 1800 barrels, for lines B6 and B11
 - c. Motor Gasoline meeting ASTM D4814, approximately 900 barrels, for line B8
2. Fuel delivery by marine vessel capable of berthing at the PCT and unloading fuel into the PCT petroleum lines.
3. Petroleum product tankage connected to POAVY and adequate to receive fuel from vessel during sweep of each petroleum line.
4. Trained personnel to operate PCT, POAVY, and terminal infrastructure in accordance with Contractor and POA procedures, including POAVY Operations and Maintenance Manual.
5. Vacuum or similar truck capable of handling and transporting petroleum products.
6. Hose – 2” diameter petroleum transfer hose, 150 psig pressure rating (minimum), with Kamlok®-type fittings or similar.
7. Pre- and post-soak fuel sampling and testing in accordance with API RP 1595 and petroleum product specifications.
8. Pre- and post-flush tank gauging of vessel and terminal tank in accordance with POA Terminal Tariff and standard procedure.
9. Certified lifting equipment and trained personnel for safe handling of POAVY plug valves.
10. Piping flange assembly in accordance ASME B31.3 and ASME PCC-1 and manufacturer recommendations, including:
 - a. Bolts
 - i. Quantity 96, 7/8”D x 5”L studs ASTM A193 Grade B7 with 2 each ASTM A194 Grade 2H heavy hex nuts, and quantity 48, 7/8”D x 2”L heavy hex cap screws, ASTM A193 Grade B7.
 - ii. Contractor may reuse existing bolts after removal if undamaged.
 - b. Gaskets

- i. Quantity 24, 12" gasket, Class 150, spiral wound, ASME B16.20, Flexitallic Style CGI or approved equal.

Insert basket strainers will be provided by the POA for installation by the Contractor. Refer to Section XII Supporting Documentation for information pertaining to the basket strainers.

A site visit for this project has been scheduled, see the Invitation to Bid. The site visit is not mandatory; however, bidders are highly encouraged to visit the site and review the proposed piping infrastructure. If bidders are unable to attend the prescheduled site visit and wish to review site conditions, please coordinate access with Port Engineering Manager Brian Weigand at 907-343-6209.

Drawings and other documents related to the POAVY, including POAVY Operations and Maintenance Manual, are Sensitive Security Information controlled under 49 CFR parts 15 and 1520 and are therefore not provided as part of the Bidding Documents, however, relevant drawings and documents will be made available to prospective Contractors at the pre-bid site visit.

MEASUREMENT AND PAYMENT

Payment will be made under the following items:

ITEM	UNIT
Strainer Installation	Each
Jet-A	Gallon
ULSD	Gallon
GAS	Gallon
Buyback Jet-A	Gallon
Buyback ULSD	Gallon
Buyback Gas	Gallon
Strainer Removal	Each