

Addendum No. 1

Owner: City of Unalaska

Project: **GENERALS HILL WATER PRESSURE BOOSTER STATION PROJECT**
DPW Project No. 09403

Date: February 19, 2021

Please acknowledge receipt of this Addendum No. 1 in the appropriate blanks on the bid form.

The following corrections, changes, additions, deletions, revisions, and/or clarifications are hereby made a part of the contract documents. In case of conflicts between this Addendum and previously issued documents, this Addendum shall take precedence.

The scope of Work for this project is being modified to excavate the trench and install bedding and backfill for Utility Company supplied and installed conduits to bring power and spare conduits to the project site. This will be bid as a separate item. The addition of Telalaska phone/CATV conduits will be bid as an additive alternate to the proposed electrical installation. The items below define the contract modifications required for the revised scope of Work.

Item 1:

PROJECT MANUAL, Part 1 BIDDING REQUIREMENTS, Section 00300 Bid Form, Page 00300-7 **BID PROPOSAL:**

Delete the BID PROPOSAL and replace it with the revised form attached to this addendum.

Item 2:

PROJECT MANUAL, Part 5 TECHNICAL SPECIFICATIONS, Specification **Section 01010 SUMMARY OF WORK:**

Delete this specification in its entirety and replace it with the revised specification attached to this addendum.

A Typical Trench Section and a Plan View of the electrical power routing are added to the revised specification.

Item 3:

PROJECT MANUAL, Part 5 TECHNICAL SPECIFICATIONS, Specification **Section 01025 MEASUREMENT AND PAYMENT:**

Delete this specification in its entirety and replace it with the revised specification attached to this addendum.

Attachments

Page 00300-7
Specification 01010
Specification 01025

BID PROPOSAL (1-page)
SUMMARY OF WORK (5-pages)
MEASUREMENT AND PAYMENT (3-pages)

BID PROPOSAL
City of Unalaska
GENERALS HILL WATER PRESSURE BOOSTER PUMP STATION PROJECT

ITEM NO.	EST. QUANT.	DESCRIPTION (Write Unit Bid Price in Words)	TOTAL PRICE
1	1	CONSTRUCT WATER PRESSURE BOOSTER PUMP STATION: The work will include, but not be limited to, furnishing all labor, tools, equipment, and materials and performing all operations in connection with the GENERALS HILL WATER PRESSURE BOOSTER PUMP STATION PROJECT. The Work includes construction of a concrete vault with piping, pumps, valves, electrical, controls and appurtenances necessary to boost domestic water pressures to serve a high elevation zone in the City's municipal water distribution system. <hr/> <div style="text-align: right;">_____ per lump sum</div>	
2	1	CONSTRUCT ELECTRICAL UTILITY TO SITE <hr/> <div style="text-align: right;">_____ per lump sum</div>	
3	1	Additive Alternaye 01 CONSTRUCT TELEPHONE/CATV UTILITY TO SITE <hr/> <div style="text-align: right;">_____ per lump sum</div>	

TOTAL BASE BID (Sum of Items 1 and 2 NUMERICAL) _____

TOTAL BASE BID (Sum of Items 1 and 2 WRITTEN TEXT) _____

BID AUTHORIZATION

The undersigned represents (check appropriate boxes) that he/she operates as an Individual,

Joint Venture, Partnership, or Corporation, incorporated in the State of _____

BIDDER: _____

Bidding Company: _____

Name (Printed): _____

Signature: Date: _____

Contractor's License No. Business License No. _____

CORPORATE SEAL (If Corporation) No. _____

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. The work will include, but not be limited to, furnishing all labor, tools, equipment, and materials and performing all operations in connection with the **GENERALS HILL WATER PRESSURE BOOSTER PUMP STATION PROJECT**. The Work includes construction of a concrete vault with piping, pumps, valves, electrical, controls and appurtenances necessary to boost domestic water pressures to serve a high elevation zone in the City's municipal water distribution system. **The Work also includes assisting the local electrical utility with installing power to the project site with an option for Telalaska to add conduits to the trench.**

- 1. Project Location: Eagle Drive, Unalaska, Alaska 99685
- 2. Owner: City of Unalaska, Department of Public Utilities

- B. The Work will be constructed under a single prime contract. Payment will be made for designated items on a lump sum basis.

1.3 MEETINGS

- A. The Contractor and relevant subcontractors shall attend and participate in scheduled progress meetings during construction. Meetings will be held as frequently as once per week or as otherwise agreed to by the City. Meeting agenda and minutes will be prepared and organized by the Owners representative. At each meeting, the agenda shall include but not be limited to the following:

- 1. Review of outstanding action items and determination of disposition.
- 2. Review of status of project data submittals.
- 3. Discussion of upcoming work. Contractor shall prepare for each meeting a schedule for the current work week and the following two calendar work weeks.
- 4. Discussion of impacts of construction work on local users.
- 5. Discussion of work quality and progress.
- 6. Review of outstanding Contract Change issues.
- 7. Discussion of other issues, as appropriate.

1.4 CONTRACTOR USE OF CONSTRUCTION SITE

- A. General: During the construction period the Contractor shall have use of the project site for construction operations except road cannot be fully blocked for any length of time.

- B. Use of the Sites: Limit use of the project sites to work on designated parcel or adjacent Rights-of-Way. Confine operations to areas within City owned or controlled property. Do not disturb portions of the site beyond the areas in which the Work is indicated.
1. Driveways and Entrances: Keep driveways and entrances serving adjacent home(s) clear and available to the Owners and emergency vehicles at all times. Do not use these areas for parking or storage of materials without explicit permission from the home owner(s).
 2. Privately Owned Properties: The Contractor shall make their own arrangements for use of any and all properties not included in the designated Rights-of-Ways or dedicated City parcel. The Contractor shall receive written permission to use these property(s) and shall furnish the City copies of the agreements granting permission for access.

1.5 UTILITIES TO THE PROJECT SITE

A. Electrical Scope of Work:

1. Expose existing electrical vault at connection point for entry of (2) 5" diameter HDPE conduits and termination of (2) 2" diameter spare conduits.
2. Locate property corners and edge of Rights-of-Way (ROW) before excavation to assure and verify that the proposed conduit is installed in the ROW. Stake or install survey ribbon at ROW line(s) for reference.
3. Trench from connection point to proposed transformer located at water pressure booster pump station site. Obtain utility locates and route trench consistently along one edge of the travelled way. Trench depth shall allow 36" of cover material over top of the installed conduits. Trench width shall allow 6" between conduits with 6" minimum sidewall clearance to accommodate bedding material. **Reference attached Figure 1 for Conduit Plan. Reference attached Figure 2 for Typical Trench Section.**
4. Provide and compact minimum 6" thick contractor furnished bedding material under conduits proposed for installation. The City will provide labor to spread the bedding material. Assist and accommodate the City electrical linemen for them to install (2) City supplied 5" HDPE conduits connected with Shur-Lock® couplers and (2) City supplied 2" spooled HDPE or sectional PVC conduits.
5. Install and compact bedding material to 6" above the top of the conduits. The City will provide labor to spread the bedding material.
6. Accommodate the City electrical linemen for installation of locator ribbon;
7. Backfill trench with excavated spoils, removing boulders exceeding 12" size. Place in maximum 12" lifts and compact backfill.
8. Install and compact a 6" layer of contractor furnished surfacing material at finished grade.
9. Excavate for installation of a 5'x9' City supplied primary electrical vault at the terminus of the new conduit at the pump station site. Furnish and install 6" of level compacted bedding under the new vault. Backfill, compact and install surfacing material as required for conduit.
10. Provide signage, cones, candles, and traffic control to allow safe passage of vehicles. Comply with the latest edition of the Manual of Uniform Traffic Control Devices (MUTCD) for signage and traffic control requirements. Close trench or otherwise block access for public safety. The

Contractor is solely responsible for a safety plan. Reference the General Conditions for Contractor responsibility regarding safety and the safety plan.

B. Telephone/CATV Telalaska Scope of Work (Additive Alternate 01):

1. In addition to the electrical conduits described above, provide added coordination, trench width, bedding material, backfill, compaction and surfacing to accommodate installation of (2) 2" HDPE spooled conduits supplied by Telalaska. Telalaska will provide labor as described above. Terminations will be made within 10' of the electrical at pedestals or with buried targets at each end.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 CONTRACTOR SERVICES DURING STARTUP AND COMMISSIONING

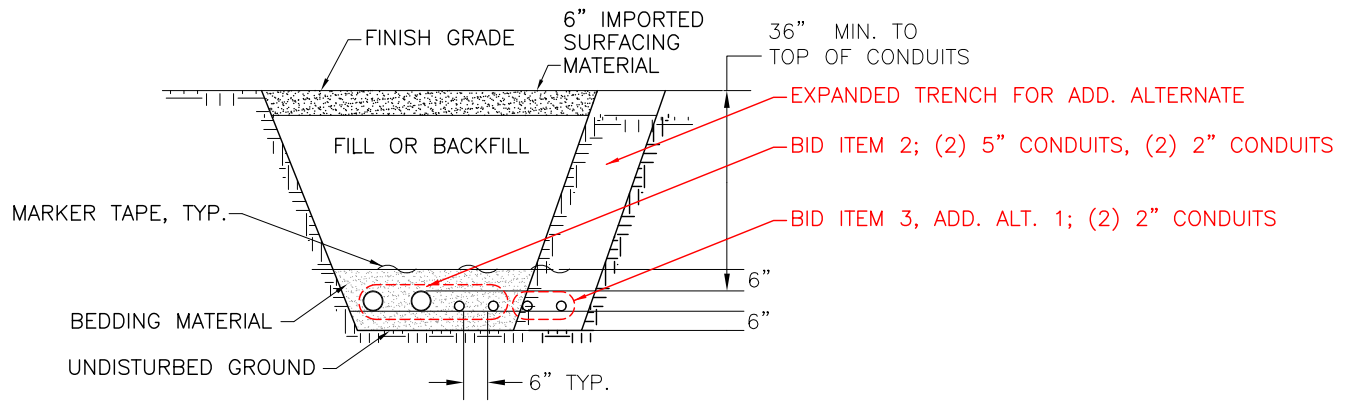
- A. The Contractor shall assist with operations needed during the startup period. An electrician shall be available to assist with making adjustments to the installation to assure proper operation. The Owner and Engineers will be onsite for startup and commissioning. The City will develop and conduct a flow range testing program to assure proper operation and control of the pumps at different flow rates. The City Fire Department will assist with pumping large flows to flush accumulated sediment and debris from the existing distribution pipe. The City will coordinate with property owners related to water service and possible contamination and boil water orders in accordance with applicable standards.

END OF SECTION 01010



PLAN VIEW - CONDUIT ROUTING
NO SCALE

City of Unalaska GENERALS HILL WATER PRESSURE BOOSTER STATION		FIGURE 1	
		ADDENDUM 1	
DRAWN BY: Tom Regan	DATE: 02/17/2021	DPW PROJECT NO. 09403	SHEET -- OF --



NOTES:

1. BEDDING MATERIAL SHALL MEET THE REQUIREMENTS OF ADOT CLASSIFICATION D-1 OR APPROVED EQUAL. BEDDING MATERIAL UNDER CONDUITS SHALL BE PLACED AND COMPACTED PRIOR TO INSTALLATION OF THE CONDUIT.
2. ALL BEDDING SHALL BE COMPACTED TO A MINIMUM OF 95% MAXIMUM DENSITY.
3. EXISTING EARTHEN MATERIAL CAN BE REUSED FOR BACKFILL EXCEPT ROCKS LARGER THAN 12" DIAMETER SHALL BE DISPOSED OF.
4. SEE SPECIFICATION 01010 SUMMARY OF WORK FOR NARRATIVE RELATED TO INSTALLATION OF CONDUITS.

DETAIL - CONDUIT TRENCH SECTION
NO SCALE

City of Unalaska
 GENERALS HILL WATER PRESSURE
 BOOSTER STATION

FIGURE 2

ADDENDUM 1

DRAWN BY:
Tom Regan

DATE:
02/17/2021

DPW PROJECT NO.
09403

SHEET - OF -

PART 1 - GENERAL

1.1 SCOPE

- A. Payment for the Pump Station and associated site work will be a single LUMP SUM bid item. Payment for electrical and Telalaska installed conduits will be bid as a LUMP SUM bid items as described below. Payment as further specified herein, shall include full compensation to be received by the CONTRACTOR for furnishing all tools, equipment, supplies, and manufactured articles, and for all materials, labor, operations, and incidentals appurtenant to the items of work being described, as necessary to complete the various items of the WORK in accordance with the requirements of the Contract Documents, including all appurtenances thereto, and including all costs of permits and cost of compliance with the regulations of public agencies having jurisdiction, including Safety and Health Requirements of the Occupational Safety and Health Administration of the U.S. Department of Labor (OSHA) and the Alaska Department of Labor (ADOL). No separate payment will be made for any item described in the Contract Documents, and all costs therefore shall be included in the price named in the Bid Schedule for the various appurtenant items of WORK.

1.2 PAY ITEMS

- A. For Lump Sum bid items, required quantities and measurements supplied or placed in the WORK shall be the full responsibility of the CONTRACTOR.

1.3 PAYMENT

- A. Payment includes full compensation for furnishing all required labor, materials, products, tools, equipment, plant, transportation, services, incidentals, erection, application, or installation of all items of the WORK described or required, and all other costs for the items to necessary to provide a complete functional system, in place.
- B. Payment will be in accordance with the General Conditions, Owner/Contractor Agreement, and Section 00800 - Supplementary General Conditions.

1.4 NON-PAYMENT FOR REJECTED ITEMS

- A. Payment will not be made for any of the following:
 - 1. Products wasted or disposed of in a manner that is not acceptable.
 - 2. Products determined as unacceptable before or after placement.
 - 3. Products placed beyond the lines and grades of the required WORK.
 - 4. Products remaining on hand at the completion of the WORK.
 - 5. Loading, hauling, and disposing of rejected products.
 - 6. Overly wet or frozen material.
 - 7. Excavation or fill made for the convenience of the CONTRACTOR for any purpose or reason.

PART 2 - PRODUCTS (Not Used)

PART 3- MEASUREMENT AND PAYMENT

3.1 INCIDENTAL WORK

- A. Several items of work not specifically covered in the Contract Documents will be considered incidental to the cost of the contract. These items include, but are not limited to the following:
1. Restoration of disturbed areas and final grading to restore the ground to uniform grades;
 2. Site Safety;
 3. Surveying and layout;
 4. Replacement of Survey Monuments, Property Corners, or other Survey Markers removed or disturbed during construction;
 5. Removal and replacement of signs requiring removal to construct improvements.
 6. Demolition required to construct described improvements;
 7. Move personnel, equipment, supplies, and incidentals to the project site;
 8. Exploratory excavation for locating existing utilities, including adjacent drainage improvements and pipe(s) requiring connection to Work installed under this contract.
 9. Establish offices, buildings, and other facilities;
 10. Perform other work and operations and pay costs incurred, before beginning construction;
 11. Bonds and insurance;
 12. Alaska Department of Labor (ADOL) registration and fees;
 13. Demobilization activities;
 14. Furnish required submittals such as product data, as-builts, certificates, payrolls, reports, and equipment warranties.
 15. Attend progress meetings;
 16. Other items not specifically called out but otherwise necessary for proper construction.

These items are not described in the bid documents but are considered incidental to work performed under this contract. No separate payment will be made for any items required to construct the facility as shown and designed. The listed items are not in any order of precedence.

3.2 CONSTRUCT WATER PRESSURE BOOSTER PUMP STATION

- A. The work will include, but not be limited to, furnishing all labor, tools, equipment, and materials and performing all operations in connection with the **GENERALS HILL WATER PRESSURE BOOSTER PUMP STATION PROJECT**. The Work includes construction of a concrete vault with piping, pumps, valves, electrical, controls and appurtenances necessary to boost domestic water pressures to serve a high elevation zone in the City's municipal water distribution system.
- B. Measurement: No measurement of quantities will be made. Perform work and operations necessary to Construct all work described and specified in the Contract Documents.
- C. Basis of Payment: Payment for this work shall be in accordance with the General Conditions and shall include full payment for all work described. **Payment will be made under the following Units:**

<u>ITEM No.</u>	<u>DESCRIPTION</u>	<u>UNIT</u>
1	CONSTRUCT WATER PRESSURE BOOSTER PUMP STATION: The work will include, but not be limited to, furnishing all labor, tools, equipment, and materials and performing all operations in connection with the GENERALS HILL WATER PRESSURE BOOSTER PUMP STATION PROJECT. The Work includes construction of a concrete vault with piping, pumps, valves, electrical, controls and appurtenances necessary to boost domestic water pressures to serve a high elevation zone in the City’s municipal water distribution system.	lump sum

3.3 CONSTRUCT ELECTRICAL UTILITY TO SITE

- A. The work will include, but not be limited to, furnishing all labor, tools, equipment, and materials and performing all operations in connection with the Work described in **Specification 01010 SUMMARY OF WORK**, Item 1.5A.
- B. Measurement: No measurement of quantities will be made. Perform work and operations necessary to Construct all work described and specified.
- C. Basis of Payment: Payment for this work shall be in accordance with the General Conditions and shall include full payment for all work described. Payment will be made under the following Units:

<u>ITEM No.</u>	<u>DESCRIPTION</u>	<u>UNIT</u>
2	CONSTRUCT ELECTRICAL UTILITY TO SITE	lump sum

3.4 CONSTRUCT TELEPHONE/CATV UTILITY TO SITE

- A. The work will include, but not be limited to, furnishing all labor, tools, equipment, and materials and performing all operations in connection with the Work described in **Specification 01010 SUMMARY OF WORK**, Item 1.5B.
- B. Measurement: No measurement of quantities will be made. Perform work and operations necessary to Construct all work described and specified.
- C. Basis of Payment: Payment for this work shall be in accordance with the General Conditions and shall include full payment for all work described. Payment will be made under the following Units:

<u>ITEM No.</u>	<u>DESCRIPTION</u>	<u>UNIT</u>
3	Additive Alternate 01 CONSTRUCT TELEPHONE/CATV UTILITY TO SITE	lump sum

END OF SECTION 01025