



**PETERSBURG BOROUGH PUMP STATION 4 & FORCE MAIN REPLACEMENT**  
**ADDENDUM NO. 1**

**DATE: November 29, 2024**

**BID OPENING: Tuesday December 17, 2024 @ 2:00:00 PM**  
**PREVIOUS BID OPENING DATE: Tuesday December 10, 2024 @ 2:00:00 PM**

**PAGES IN THIS ADDENDUM: 5 pages**

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Acknowledge receipt of this Addendum on the Bid Proposal. Failure to do so may subject bidder to disqualification.

**INFORMATION TO BIDDERS**

The renovated stand-by generator building, as designed, and the new electrical addition are not classified spaces as defined by NEC Article 500. The use of seal-offs for electrical conduits and the p-trap for the drain line ensure gasses do not enter the building. Furthermore, stored diesel fuel does not create a classified space per NFPA 30 Chapter 4.

**ADDENDUM TO THE CONTRACT DOCUMENTS**

This Addendum forms a part of the Contract Documents. The following additions, corrections and or modifications are hereby made to the Contract Documents.

**I INVITATION TO BID**

**Item No. 1** In the third paragraph, Change the bid opening date to 2:00 p.m. on Tuesday December 17, 2024.

**Item No. 2** In the eighth paragraph, Change the questions due date to close of business on December 9, 2024.

**III BID PROPOSAL**

**Item No. 3** Change the Pay item description on Item 50.02(c) to the following:

Furnish & Install Pipe, 15" PVC SDR35 Gravity Sewer

**XII PBSS SPECIAL PROVISIONS**

**Item No. 4 SP SECTION 50.02 – FURNISH AND INSTALL PIPE**, Item F. High Density Polyethylene Pipe (HDPE), Paragraph 3.a.i, Delete the last sentence in the paragraph.

**XIII SUPPLEMENTAL TECHNICAL SPECIFICATIONS**

**Item No. 5 INDEX TO SUPPLEMENTAL TECHNICAL SPECIFICATIONS**, Add SECTION 16010 – ELECTRICAL SCOPE OF WORK to the index.

**Item No. 6 SECTION 11176 – SEWAGE PUMP STATION, PART I – GENERAL, ARTICLE 1.1** DESCRIPTION, Item C. Delete the last sentence and Replace with the following:

The OWNER shall provide the pump supplier contact information to the CONTRACTOR no later than February 1, 2025. Coordinate installation of the pumps, discharge elbows, and cast-in-place hatches as required.

**Item No. 7 SECTION 11176 – SEWAGE PUMP STATION, PART 2 – PRODUCTS, ARTICLE 2.2 Pumps, Delete two references to “Alaska Pump and Supply” in this Article and Replace with “the pump supplier”.**

**Item No. 8 SECTION 11176 – SEWAGE PUMP STATION, PART 2 – PRODUCTS, ARTICLE 2.3 ELECTRICAL AND CONTROLS, Delete Item B. in its entirety and Replace with the following:**

- B. Electrical and Controls systems incorporate Owner furnished materials and services as listed in the electrical Plans and Specifications. The Control Panel and associated equipment, as defined in the electrical Plans and Specifications, and integration services, are being furnished by the Systems Integrator, RMC Engineering Services, Juneau Alaska, (907) 780-3580 under separate Contract. Coordination with the Owner and third-party representatives of Owner furnished materials and services during construction and operational testing is a requirement.

**Item No. 9 SECTION 11176 – SEWAGE PUMP STATION, PART 2 – PRODUCTS, ARTICLE 2.5 HATCHES WITH FALL THROUGH PROTECTION, Item E, Delete references to “Alaska Pump and Supply” in this Item and Replace with “the pump supplier”.**

**Item No. 10 Add the attached SECTION 16010 ELECTRICAL SCOPE OF WORK, consisting of (2) pages and labeled Addendum 1.**

#### **XIV – DRAWINGS**

**Item No. 11 SHEET C2 – PUMP STATION SITE PLAN, in the lower center of the sheet, Change the callout referencing the 16-inch sewer stub connected to the southwest quadrant of the wet well from 16-inch to 15-inch.**

**Item No. 12 SHEET C2 – PUMP STATION SITE PLAN, in the left center of the sheet, Change the callout referencing the 21-inch PVC Sanitary Sewer Pipe connected to the northwest quadrant of the wet well from 21-inch PVC to 24-inch HDPE.**

**Item No. 13 SHEET C3 – PUMP STATION SHORING PLAN, in the SHORING SEQUENCE OF CONSTRUCTION, located on the left side of the sheet, Delete the first Paragraph in its entirety and Replace with the following:**

PRIOR TO BEGINNING ANY WORK ON SITE, AND IN ACCORDANCE WITH SECTION 051300, THE CONTRACTOR SHALL DEVELOP AND SUBMIT TO THE ENGINEER A SHORING PLAN WHICH DETAILS PROPOSED SCHEDULE, MEANS AND METHODS TO ACCOMPLISH THE WORK.

UNLESS OTHERWISE APPROVED, THE SHORING DESIGN PRESENTED HEREIN IS A REQUIREMENT OF THE CONTRACT AND THE CONTRACTOR SHALL DEVELOP HIS SHORING PLAN ACCORDINGLY.

AT THE CONTRACTOR'S DISCRETION, THE SHORING PLAN MAY PROPOSE AN ALTERNATE SHORING DESIGN TO ACHIEVE THE PROJECT OBJECTIVES. THE ALTERNATE DESIGN SHALL BECOME THE RESPONSIBILITY OF THE CONTRACTOR. THE ALTERNATE DESIGN SHALL MEET APPLICABLE CODES AND STANDARDS TO ENSURE STABILITY DURING CONSTRUCTION. THE ALTERNATE DESIGN SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO CONSTRUCTION. AMONG TECHNICAL AND OTHER CONSIDERATIONS, ALTERNATE DESIGNS WILL BE REVIEWED FOR IMPACTS TO PROPERTY AND PROPOSED COST IMPLICATIONS, IF ANY. ENGINEER REVIEW DOES NOT ABSOLVE THE CONTRACTOR FROM THE RESPONSIBILITY OF DESIGN OR EXECUTION OF THE WORK.

THE SHORING PLAN SHALL INCLUDE A PROPOSED SHORING SEQUENCE. THE SHORING SEQUENCE PRESENTED HEREIN IS NOT INCLUSIVE OF ALL WORK, BUT NOTES CRITICAL TASKS IN THE SHEET PILE CONSTRUCTION AND PRESENTS A SEQUENCE IN WHICH THE WORK CAN BE PERFORMED. UNLESS OTHERWISE APPROVED, THIS SEQUENCE IS A REQUIREMENT OF THE CONTRACT AND THE CONTRACTOR SHALL DEVELOP HIS SHORING PLAN INCLUSIVE OF THIS SEQUENCE. THE CONTRACTOR MAY PROPOSE ALTERNATE SEQUENCING, PROVIDED IT MINIMIZES SERVICE INTERRUPTIONS AND RISK TO THE OWNER TO THE LEVEL PRESENTED HEREIN AS DETERMINED BY THE ENGINEER. ALL OTHER WORK NOT SPECIFICALLY LISTED HEREIN SHALL BE SCHEDULED AT THE CONTRACTOR'S DISCRETION, AND SHALL BE DESCRIBED IN HIS SHORING PLAN SUBMITTAL.

**Item No. 14 SHEET C3 – PUMP STATION SHORING PLAN**, in the SHORING SEQUENCE OF CONSTRUCTION, located on the left side of the sheet, Delete item 6.4 in its entirety and Replace with the following:

6.4 EXTRACT ALL SHEET PILES WITHOUT PIPE PENETRATIONS OR BENEATH THE VALVE VAULT. ALTERNATELY, AT THE CONTRACTOR'S DISCRETION, SHEET PILES MAY BE ABANDONED IN PLACE. REMOVED SHEET PILES BECOME PROPERTY OF THE CONTRACTOR.

**Item No. 15 SHEET C6 – SANITARY SEWER FORCE MAIN PLAN AND PROFILE**, Change pipe SSP8 from 16-inch PVC SDR 35 to 15-inch PVC SDR 35.

**Item No. 16 SHEET E1 – LEGEND AND GENERAL NOTES**, Delete General Note No. 4 in its entirety and Replace with the following:

4. WET WELL IS CONSIDERED A CLASS I DIVISION 2 LOCATION. INSTALL SEAL-OFF CONDUIT FITTINGS AS SHOWN BETWEEN THE WET WELL AND THE BUILDING PER NEC ARTICLE 501. THE GENERATOR BUILDING IS NOT A CLASSIFIED SPACE.

**Item No. 17 SHEET E2 – CONSTRUCTION SEQUENCE – ELECTRICAL**, ELECTRICAL SCOPE OF WORK numbered list located on the left side of the sheet, Replace "BY OTHERS" in items 4H, 4I, and 4J with "FURNISHED BY SYSTEMS INTEGRATOR".

**END OF ADDENDUM 1**

## SECTION 16010 ELECTRICAL SCOPE OF WORK

### PART 1 - GENERAL

#### 1.1 RELATED DOCUMENTS

- A. The Drawings and general provisions of the contract, including General and Supplementary Conditions and Division 10 Specification Sections, apply to this Section.

#### 1.2 SUMMARY

- A. The purpose of this project is to provide the electrical for a renovation of Pump Station 4 in Petersburg, Alaska. Perform the work shown on the plans and specifications and as required to provide a complete, operational pump station. Coordinate with local utilities to provide a new service to the pump station and to perform other work as shown on the drawings. Provide work as shown to accommodate the Utility work. Perform work per the Sequence of Construction shown in the Plans, both civil and electrical.
- B. Provide all electrical shown and as required for the new pump station. Remove all electrical for existing pump station after new pump station is operational and accepted by owner. Owner to furnish some electrical equipment including the submersible pumps. See Plans for details. Coordinate with local Electrical Utility to provide a new service for the pump station. Coordinate with the local utilities including scheduling when and how long they need to perform their work on site as shown in the Plans. Electrical work includes but is not limited to trenching in power service from Utility power pole, installation of meter/main, portable gen set receptacle on building exterior wall, automatic transfer switch, panelboards, and all other electrical as shown in the Plans. Installation of Owner furnished pumps and all conduit and wiring to complete installation of pump station electrical. Conduit and wiring, cabling, seal offs, enclosures, and rack to power pumps and connect control devices in the wet well. Provide all trenching as shown in the Plans. See Plans for additional work not described.
- C. The Systems Integrator for the project shall be RMC Engineering Services, Juneau, Alaska, (907)780-3580. RMC has been hired by the Owner under a separate contract. Systems Integrator will furnish a Pump Control Panel, (3) Variable Frequency Drives, and (3) Line Reactors to the Electrical Contractor for installation inside the electrical building addition. Systems Integrator will also furnish a submersible level transducer with desiccant filter and float switch to the Electrical Contractor for installation in the wet well. Install the Systems Integrator furnished equipment as shown on the drawings. Coordinate with the Systems Integrator including scheduling when their materials are needed, when they are needed for systems start up and testing and how long they need to perform their work on site. The Contractor shall provide all wiring to the System Integrator furnished equipment. Do not energize their equipment after installation. The Systems Integrator will perform startup, testing, and commissioning of their equipment. Allow time in the project schedule to allow them to perform their work. The new pump station, including pumps, shall be ready to be tested with water when the Systems Integrator arrives for startup and testing.
- D. All work shown on the electrical drawings and included in Division 16 - Electrical of these specifications shall be provided.

### PART 2 – PRODUCTS (Not Used)

**SECTION 16010 ELECTRICAL SCOPE OF WORK**

**PART 3 – EXECUTION** (Not Used)

**PART 4 – MEASUREMENT AND PAYMENT**

Measurement and Payment for Electrical Work shall be in accordance with Section 16050 – Basic Electrical Materials and Methods, Part 4 – Measurement and Payment.

**END OF SECTION**