

# ***ADDENDUM***

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|----------------------|---------------------------------------------------------------|
| <b>Addendum No.:</b> | 1                                                             |
| <b>Project Name:</b> | Mill Creek Pump Station Standby Generator and Phase 1 Upgrade |
| <b>Project No.</b>   | 2018-006-38.1                                                 |
| <b>Date:</b>         | March 24, 2020                                                |
| <b>To:</b>           | All Bidders                                                   |

**NOTE:** This Addendum forms part of the Contract Documents and modifies the drawings and specifications under Bid No. 2019-01, as noted below. Bidders submitting an offer must sign this form, acknowledging receipt of addendum, and supply it with their proposal. Failure to do so will subject the Bidder to disqualification.

## **REVISIONS TO SPECIFICATIONS:**

Drawing M-2 (Sheet 70), add conductor specification:

- A. Type 3, 16 AWG, Twisted, Shielded Pair, Instrumentation Cable: Single pair, designed for noise rejection for process control, computer, or data log applications meeting NEMA WC 57 requirements.
  - 1. Outer Jacket: 45-mil nominal thickness.
  - 2. Individual Pair Shield: 1.35-mil, double-faced aluminum/synthetic polymer overlapped to provide 100 percent coverage.
  - 3. Dimension: 0.31-inch nominal OD.
  - 4. Conductors:
    - a. Bare soft annealed copper, Class B, seven-strand concentric, meeting requirements of ASTM B8.
    - b. 20 AWG, seven-strand tinned copper drain wire.
    - c. Insulation: 15-mil nominal PVC.
    - d. Jacket: 4-mil nominal nylon.
    - e. Color Code: Pair conductors, black and red.
  - 5. Manufacturers:
    - a. Okonite Co.
    - b. Alpha Wire Corp.
    - c. Belden.
  
- B. Type 30, Unshielded Twisted Pair (UTP) Telephone and Data Cable, 300V:
  - 1. Category 6 UTP, UL listed, and third party verified to comply with TIA/EIA 568-C Category 6 requirements.
  - 2. Suitable for high speed network applications including gigabit Ethernet and video. Cable shall be interoperable with other standards compliant products and

- shall be backward compatible with Category 5 and Category 5e.
3. Provide four each individually twisted pair, 23 AWG conductors, with FEP insulation and blue PVC jacket.
  4. NFPA 70 Plenum (CMP) rated; comply with flammability plenum requirements of NFPA 70 and NFPA 262.
  5. Cable shall withstand a bend radius of 1-inch minimum at a temperature of minus 20 degrees C maximum without jacket or insulation cracking.
  6. Manufacturer and Product: Belden; 7852A.

Drawing M-3 (sheet 6) the 24" and 30" RCP

Feeder lines shown to be rehabbed are inspection only. Extent and cost of rehab will be negotiated after inspection.

Fuel Transfer Pump and filter Systems.

The Site Plan shows the filter and pump set cabinets on the north side of the Generator enclosure but that is just a place to start. Questions/unknowns about the arrangement inside the, yet to be determined, generator enclosure along with the option of connecting to existing lines near the building or making new connections to the tank made determining final location impractical. Connecting to existing lines and locating the pump set and filter system inside the building eliminating the cabinets is an option. Field engineered by the contractor to locate and connect the systems will be necessary. The layout will be design build by the Contractor approved by the Engineer. The City has specifications for the existing UST installed in 1998 but there are no submittals to verify what was actually installed.

I have received, read and incorporated changes, per this addendum, in my proposed bid:

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*Signature*

*Date*