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**TOWN OF POUGHKEEPSIE
ARLINGTON WASTEWATER TREATMENT PLANT TUNNEL
REPAIRS TO SUPPORTS FOR PIPE
POUGHKEEPSIE, NEW YORK**

CONTRACT 2017-07

Addendum No. 1
January 9, 2018

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Several questions were asked by prospective bidders at the pre-bid meeting on January 8. The following responses and information are provided.

Q Do the OSHA requirements for worker construction safety and health course apply to this contract?

A **OSHA 10 HOUR SAFETY TRAINING COMPLIANCE:**

Bidders' attention is called to NYS Labor Law, §220, section 220-h, "all public works project of at least \$250,000 require that all laborers, workers and mechanics working on site be certified as successfully completing the USA Department of Labor OSHA 10-hour construction safety and health course."

However, for contracts less or equal to \$250,000, the Owner requires that all laborers, workers and mechanics working on site be certified as successfully completing the USA Department of Labor OSHA 10-hour construction safety and health course.

The wage rates sheets include more information and details about the course and training.

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Q What is the engineer's estimate for this contract?

A For reference, a similar scope was previously bid by one contractor who submitted a bid for \$223,228.

Q What is required regarding all the new electrical conduits and conduit hangers?

A The conduits and hangers shall be supported from the new construction in the same way as the existing supports. There shall be no interruption of electric use of the conduits. The galvanized conduit finish shall be left undamaged or repaired per specifications.

Q Will the owner charge for electric use?

A No. However, there is no guarantee that suitable electric power is available for arc welding. It may be necessary to set up a welding machine above the tunnel and bring leads down thru a door or a hatchway. The contractor shall not set up and use a gasoline or diesel powered welder inside the tunnel or its approaches.

Q Can the contractor leave the existing support in place if a "sister" support is constructed?

A Generally, no. However, on a case-by-case basis as reviewed and approved by the shop drawing for that work location, leaving the original support in place may be acceptable. However, all pipe loads shall be transferred to the new support leaving only minor accessory uses, such as an electrical outlet box, on the original support. It is not anticipated that the contractor will be required to relocate any accessory uses. If needed, that will be shown and approved on the shop drawing and a change order may be issued.

Q Can the contractor use grouted in place anchor bolts?

A Yes, grouted in place anchor bolts of the same size are an acceptable alternative. The change shall be shown on the shop drawing for each affected support. Note, however, that if only one anchor bolt is proposed instead of the two per the details, the single anchor bolt shall be $\frac{3}{4}$ " diameter and centered behind the upright channel (similar to the existing installation). Nevertheless, a two anchor bolt is preferred to resist torsion.

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- Q Can you clarify what is required for the shop drawing for each support? Is a CAD drawing required?
- A The shop drawing can be a neat, hand drafted sketch. It shall show all the essentials of the work to be done and clearly call out any changes from the contract design and work schedule. It does not need to be to scale. Upon project completion, a copy of the complete set of approved work location shop drawings may be submitted to serve as the required as-built.
- Q Can the contractor use the hatchways as crew access points?
- A No. The ladders below the access hatches are not intended for routine use. They may be used in an emergency only. The access hatch covers may be opened to use the opening for air supply and vent hoses and welding leads. All open hatches shall be suitably cordoned off to prevent falls, and all hatch covers shall be closed at the end of each work day.

End of Addendum No. 1