

CITY OF QUINCY, MASSACHUSETTS

DEPARTMENT OF PUBLIC WORKS

ON-CALL EMERGENCY WATER, SEWER AND DRAIN REPAIRS

ADDENDUM NO. 1

.....

To be considered as part of the contract drawings and specifications for the On-Call Emergency Water, Sewer and Drain Repairs, dated March 2016:

SPECIFICATIONS

SECTION 00300 – FORM OF GENERAL BID

1. DELETE Page 00300-5 and replace with the attached Page 00300-5R.

SECTION 01270 – MEASUREMENT AND PAYMENT

1. Page 01270-2, DELETE Part 1.02.B as follows:

“B. A “sewer/drain construction crew for excavation up to 10 feet deep” consists of a minimum of one foreman, one laborer, one truck driver and one equipment operator. The minimum equipment that must be provided is a tool truck with all tools necessary to perform the work, a $\frac{3}{4}$ cubic yard tracked excavator capable of excavating to a minimum depth of 10 feet, one ten-wheel dump truck, a trench support suitable for a 10-foot deep excavation, one compressor (minimum 185 cfm free air delivery), generator/generator light set, one vibratory mechanical compaction device capable of meeting the specified compaction standards, one six-inch Goodwin Dri-Prime pump or equal and 400 feet of six-inch discharge pipe or equal to handle existing flows and safety equipment and traffic management signs. The work under this item shall include mobilization and 10-crew hours of sewer/drain construction crew, per “work order.”

and REPLACE with the following:

“B. A “sewer/drain construction crew for excavation up to 10 feet deep” consists of a minimum of one foreman, **three** laborers, one truck driver and one equipment operator. The minimum equipment that must be provided is a tool truck with all tools necessary to perform the work, a $\frac{3}{4}$ cubic yard tracked excavator capable of excavating to a minimum depth of 10 feet, one ten-wheel dump truck, a trench support suitable for a

10-foot deep excavation, one compressor (minimum 185 cfm free air delivery), generator/generator light set, one vibratory mechanical compaction device capable of meeting the specified compaction standards, one six-inch Goodwin Dri-Prime pump or equal and 400 feet of six-inch discharge pipe or equal to handle existing flows and safety equipment and traffic management signs. The work under this item shall include mobilization and 10-crew hours of sewer/drain construction crew, per “work order”.”

2. Page 01270-2, DELETE Part 1.02.C as follows:

- “C. A “sewer/drain construction crew for excavation 10 feet to 24 feet deep” consists of a minimum of one foreman, one laborer, one truck driver and one equipment operator. The minimum equipment that must be provided is a tool truck with all tools necessary to perform the work, a 3 cubic yard tracked excavator capable of excavating to a minimum depth of 24 feet, one ten-wheel dump truck, a trench support suitable for a 24-foot deep excavation, one compressor (minimum 185 cfm free air delivery), generator/generator light set, one vibratory mechanical compaction device capable of meeting the specified compaction standards, one six-inch Goodwin Dri-Prime pump or equal and 400 feet of six-inch discharge pipe or equal to handle existing flows and safety equipment and traffic management signs. The work under this item shall include mobilization and 10-crew hours of sewer/drain construction crew, per “work order”.”

and REPLACE with the following:

- “C. A “sewer/drain construction crew for excavation 10 feet to 24 feet deep” consists of a minimum of one foreman, **three** laborers, one truck driver and one equipment operator. The minimum equipment that must be provided is a tool truck with all tools necessary to perform the work, a 3 cubic yard tracked excavator capable of excavating to a minimum depth of 24 feet, one ten-wheel dump truck, a trench support suitable for a 24-foot deep excavation, one compressor (minimum 185 cfm free air delivery), generator/generator light set, one vibratory mechanical compaction device capable of meeting the specified compaction standards, one six-inch Goodwin Dri-Prime pump or equal and 400 feet of six-inch discharge pipe or equal to handle existing flows and safety equipment and traffic management signs. The work under this item shall include mobilization and 10-crew hours of sewer/drain construction crew, per “work order”.”

3. Page 01270-4, DELETE Part 1.04.B as follows:

- “B. A “water construction crew” consists of a minimum of one foreman, one laborer, one truck driver and one equipment operator. The minimum equipment that must be provided is a tool truck with all tools necessary to perform the work, a ½ cubic yard tracked excavator capable of excavating to a minimum depth of 8 feet, one ten-wheel dump truck, a trench box suitable for a 8-foot deep excavation, one compressor (minimum 185 cfm free air delivery), generator/generator light set, one vibratory mechanical compaction device capable of meeting the specified compaction standards and safety equipment and traffic management signs.”

and REPLACE with the following:

- “B. A “water construction crew” consists of a minimum of one foreman, **two** laborers, one truck driver and one equipment operator. The minimum equipment that must be provided is a tool truck with all tools necessary to perform the work, a ½ cubic yard tracked excavator capable of excavating to a minimum depth of 8 feet, one ten-wheel dump truck, a trench box suitable for a 8-foot deep excavation, one compressor (minimum 185 cfm free air delivery), generator/generator light set, one vibratory mechanical compaction device capable of meeting the specified compaction standards and safety equipment and traffic management signs.”

SECTION 02514 – HYDRANTS AND VALVES

1. Page 02514-5, ADD the following after Part 2.08:

“2.09 WATER LINE STOPS:

- A. Water line stop fitting body shall consist of a ductile iron or ASTM A-36 steel fusion bonded epoxy coated to 10-12 mils in accordance with AWWA C-213. The fitting shall be full encirclement, pressure retention-type split tee. The outlet of the fitting shall have locking pins built in to retain the completion plug. The contractor shall be responsible for verifying the outside diameter of the pipe where the valve will be inserted.
- B. Before backfilling, all exposed portions of bolts used to hold the two halves of the sleeve together shall be heavily coated with two coats of bituminous paint comparable to Inertol No. 66, Special Heavy. Sleeves shall be furnished with a nitrile gasket that fits 360 degrees around the pipe at each end.
- C. The completion plug shall be machined from a stress relieved carbon steel weldment. It shall contain two (2) circumferential grooves: one to receive the locking devices from

line stop flange and second to contain a compressible “O” ring to seal tight under pressure. The line stop fitting shall be closed with a blind flange. Facing and drilling of the blind flange shall be compatible with that of the line stop flange.

- D. The Contractor shall provide the materials, machines, and related equipment necessary to install the line stop into an existing piping system under full operating pressure without interrupting service.
- E. Line stops shall be as manufactured by South Shore Pipeline, Hanover MA, John Hoadley & Sons, Inc. Rockland MA, Hydra-Stop, Inc., Blue Island, IL; IPSCO Paulsboro NJ; or approved equal.”

END OF ADDENDUM

ATTACHMENTS

- Specification Section 00300 “Form of General Bid”, replace revised page 5 (1 page)

O:\Quincy MA\2140649 Quincy Point PS Design\Bidding\Addendum No. 1\Addendum No. 1.docx

Item No.	Estimated Quantity*	Brief Description Unit or Lump Sum Price Bid in Both Words and Figures	Total in Figures
5		Miscellaneous Earthwork:	
5a	30 c.y.	Controlled Density Fill, per cubic yard	\$ _____
		(dollars)	
		and	
		(cents)	
		(\$ _____)	
5b	50 c.y.	Gravel borrow, per cubic yard	\$ _____
		(dollars)	
		and	
		(cents)	
		(\$ _____)	
6		Water Pressure Valves:	
6a	1 valve	8-inch Insertion valves, per valve	\$ _____
		(dollars)	
		and	
		(cents)	
		(\$ _____)	
6b	1 valve	10-inch or 12-inch Insertion valves, per valve	\$ _____
		(dollars)	
		and	
		(cents)	
		(\$ _____)	
6c	1 valve	16-inch or 20-inch Water Line Stop, per valve	\$ _____
		(dollars)	
		and	
		(cents)	
		(\$ _____)	

*Quantity assumed for comparison of bids.