

Addendum No. 1
London – Laurel County Industrial Development Authority
Laurel County, Kentucky
Greer Industrial Park Phase I Sewer Extensions
May 17, 2018

Item 1 – Revised Bid Form.

Replace the original bid form with the attached bid form. The new bid form must be used in the bid. Bids received on the original bid form shall be rejected.

Item 2 – Casing Installations.

All casing pipes must be installed using casing spacers and seals. Casing spacers shall be as recommended and manufactured by Advance Products and Systems (APS) or equal. For HDPE and PVC carrier pipes, non-metallic casing spacers or stainless-steel casing spacers shall be used. Two spacers shall be installed within 2 ft of each joint with one on either side of each joint. Additional spacers shall be installed in accordance with manufacturer's recommendations with a maximum spacing of 8ft. Use restrained joints on carrier pipe. Sewer lines must be held to specified grades.

End seals where carrier pipe is centered in casing pipe shall be Modular seal, Linkseal or equal. End seals for carrier pipe not centered in casing pipe shall be Onepiece synthetic rubber molded "S" shaped seal, 3/8 IN thick SBR, 60 durometer rubber and secured with ½" wide 304 stainless steel bands.

Item 3 – Manhole Frames and Covers.

All manhole frames and covers shall be heavy duty, with machined bearing surfaces. The words "Sanitary Sewer" shall be cast on the top in letters 2 inches high. They shall be as manufactured by JRHoe MC-350, or equal.

Item 4 – Manhole Frame Seals.

Manhole frame seals shall consist of a flexible internal rubber sleeve and extension and stainless-steel compression bands, all conforming to the following requirements:

1. Rubber Sleeve and Extension – The flexible rubber sleeve, extensions, and wedge strips shall be extruded or molded from a high-grade rubber compound conforming to the applicable requirements of ASTM C-923, with a minimum 1,500 psi tensile strength, maximum 18% compression set and a hardness (durometer) of 48.5".
2. The sleeve shall be either double or triple pleated, with a minimum unexpanded vertical height of 8 inches and 10 inches respectively and a minimum thickness of 3/16 inches. The top and bottom section of the sleeve shall contain an integrally formed expansion band recess and multiple sealing fins.

3. The top section of the extension shall have a minimum thickness of 3/32 inches and shall be shaped to fit into the bottom band recess of the sleeve under the bottom chimney seal band and the remainder of the extension shall have a minimum thickness of 3/16 inches. The bottom section of the extension shall contain an integrally formed expansion band recess and multiple sealing fins matching that of the rubber sleeve. Any splice used to fabricate the sleeve and extension shall be hot vulcanized and have a strength such that the sleeve shall withstand a 180-degree bend with no visible separation.
4. The continuous wedge strip used to adapt the rubber sleeve to sloping surfaces shall have the slope differential needed to provide a vertical band recess surface, be shaped to fit into the band recess and have an integral band restraint. The length of the wedge strip shall be such that, when its ends are butted together, it will cover the entire inside circumference of that band recess needing slope adjustment.
5. The expansion bands used to compress the sleeve against the manhole shall be integrally formed from 16-gauge stainless steel conforming to ASTM A-240 Type 304, with no welded attachments and shall have a minimum width of 1 inch. The bands shall have a minimum adjustment range of 2 diameter inches and the mechanism used to expand the band shall have the capacity to develop the pressures necessary to make a watertight seal. The band shall be permanently held in this expanded position with a positive locking mechanism. Any studs and nuts used for this mechanism shall be stainless steel conforming to ASTM F-923 and 594, Type 304.

End of Addendum

SECTION 00310 - BID FORM

LONDON - LAUREL COUNTY INDUSTRIAL DEVELOPMENT AUTHORITY
 GREER INDUSTRIAL PARK PHASE I SANITARY SEWER LINE EXTENSION

Proposal of _____ (hereinafter called "BIDDER"), organized and existing under the laws of the State of _____, doing business as _____ (insert "a corporation", "a partnership", or "an individual" as applicable) to the London-Laurel Co. Industrial Development Authority (hereinafter "OWNER").

In compliance with your Invitation to Bid, BIDDER hereby proposes to furnish all equipment, materials, and labor for the work required to construct Greer Industrial Park Phase I Sanitary Sewer Extension in strict accordance with the Contract Documents, within the time set forth therein, and at the prices stated below.

BID SCHEDULE

SEWER LINE WORK

<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Extension</u>
1. Sanitary Sewer. Furnish all labor, equipment and materials and install 8" PVC SDR 35 sanitary sewer main, including all trenching, bedding, backfill, testing and related work. Unclassified excavation.				
A. Sanitary Sewer 0-8.0' Deep	120	L.F.	\$ _____	\$ _____
B. Sanitary Sewer 8.1-10.0' Deep	247	L.F.	\$ _____	\$ _____
C. Sanitary Sewer 10.1-12.0' Deep	436	L.F.	\$ _____	\$ _____
D. Sanitary Sewer 12.1-14.0' Deep	44	L.F.	\$ _____	\$ _____
E. Sanitary Sewer 14.1-16.01' Deep	25	L.F.	\$ _____	\$ _____
2. Manholes. Furnish all labor, equipment and materials and install four-foot diameter standard manholes, up to six feet in depth.				
Standard Manhole	5	Ea.	\$ _____	\$ _____
3. Vertical Extension for Manhole. Furnish all labor, equipment and materials and extend standard four-foot diameter manhole, greater than six feet in depth.				
Vertical Extension	21	V.F.	\$ _____	\$ _____

4. Doghouse Manhole on Existing Line. Furnish all labor, equipment and materials to install a doghouse manhole on the existing main and connect new main. Shape invert of manhole for new line.

Doghouse Manhole 1 Ea. \$ _____ \$ _____

5. Hwy 1006 Crossing. Furnish all labor, equipment and materials and install steel casing pipe to grade and install gravity sewer main by boring and jacking as indicated. Includes casing spacer and end seals.

A 16" Casing and 8" PVC Sewer 40 LF \$ _____ \$ _____

6. Greer Park Entrance Road Crossing. Furnish all labor, equipment and install steel casing pipe (supplied by Owner) to grade and install gravity sewer main by boring and jacking as indicated. Includes casing spacer and end seals.

A. 16" Casing and 8" PVC Sewer 60 LF \$ _____ XXXXXXXXXXXX

Alternate Crossing. Furnish all labor, equipment and materials to install gravity sewer main in existing casing pipe installed and supplied by Owner. Includes carrier pipe, casing spacer and end seals. Do not extend price to total column or include in the base bid.

B Load Existing 16" Casing Pipe 60 LF \$ _____ \$ _____

7. Surface Restoration. Includes furnishing all labor, equipment and materials and fertilizing, seeding and mulching disturbed lawns and other grassed areas.

Surface Restoration L.S. \$ _____ \$ _____

8. Other Costs. Mobilization, demobilization, project sign and other costs.

Other Costs L.S. \$ _____ \$ _____

Total Sewer Construction \$ _____

The bid prices shall include all labor, materials, overhead, profit, insurance, and other costs necessary to install the finished work of the several items called for. Changes shall be processed in accordance with the General Conditions.

By submission of this Bid, the BIDDER certifies, and in the case of a joint Bid, each party thereto certifies as to its own organization, that this Bid has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this Bid with any other BIDDER or with any competitor.

BIDDER hereby agrees to commence Work under this contract on or before a date to be specified in the Notice to Proceed and to complete the work within ninety (90) days. BIDDER further agrees to pay as liquidated damages, the sum of \$750 for each consecutive calendar day thereafter as provided in the General Conditions and the Special Conditions.

Accompanying this Proposal is a certified check or standard Bid Bond in the sum of _____ Dollars (\$_____), in accordance with the Information for Bidders. The BIDDER, by submittal of this Bid, agrees with the OWNER that the amount of the bid security deposited with this Bid fairly and reasonably represents the amount of damages the OWNER will suffer due to the failure of the BIDDER to fulfill his agreements as provided in this Proposal.

BIDDER acknowledges receipt of the following Addenda:

No. _____	Date: _____	No. _____	Date: _____	No. _____	Date: _____
No. _____	Date: _____	No. _____	Date: _____	No. _____	Date: _____

BIDDER understands that the OWNER reserves the right to reject any or all Bids and to waive any informalities in the Bidding.

BIDDER agrees that this Bid shall be good and may not be withdrawn for a period of sixty (60) calendar days after the actual date of bid opening.

Within ten (10) calendar days after receiving written notice of the acceptance of this Bid by the OWNER, the Bidder will execute and deliver to the OWNER four (4) copies of the Agreement and such other required Contract Documents.

BIDDER: _____
(Name of Company or Partnership)

By: _____
(Signature) (Date)

(Print Name)

(Title)

(Address)

(Phone Number) (Email Address)

Attested By: _____
(Signature) (Date)

Seal (If bid is by a corporation)

End of Section