

**SEWER SYSTEM REPAIR PROJECT
AT STOCKLEY CENTER
GEORGETOWN, DELAWARE
DBF #586B037.L02 ❖ OMB/DFM #MC3511000048**

MARCH 24, 2020

ADDENDUM NO. 3

The following items shall become a part of the contract documents. Contractor must acknowledge receipt of this addendum on the Bid Form. Failure to do so may subject the Bidder to disqualification.

BIDDER QUESTIONS:

1. Summary of Work calls for CCTV inspection of 1750 feet of gravity main as denoted by the “P4” designation in the Plan drawings. Is this limited to these areas only? **Contractor shall provide a unit price to clean and inspect gravity sewer pipe. The intent is to inspect the mains as denoted by the “P4” designation but may be adjusted depending on available funds.**
2. Do the “P5” lines being pressure grouted require cleaning and CCTV inspection prior to abandonment to assure proper closure? If so, will the successful Contractor be compensated by the “U4” rate or should this be included in the “P5” bid rate? What level or type of documentation is required? **The “P5” lines to be pressure grouted are not required to be cleaned and CCTV inspected prior to abandonment. Answers to other questions are not required.**
3. Summary of Work calls for raising 16 manhole frame and covers and rehabilitation work. There is no unit price in the Bid Form for manhole rehabilitation, however, the plans and specs do include this item. Please clarify. **Manhole Rehabilitation could consist of one or more “M” designations and are either covered in the base bid, alternate or unit price. The Bid Form is correct.**
4. It appears from our site investigation that several of the manholes are buried under grass, asphalt or concrete. How should this matter be addressed by the Bidder? Will the Bidder be compensated for locating these manholes under the UNIT PRICE for Video Inspection or other means? This will be essential to limit disturbance and accompanying restoration costs? **All manholes have been located by the A/E and identified on the plan. The manholes to be raised are shown with a “M4 or M5” designation, U1 or U2 on the Bid Form and Section 2.7 of the Measurement and Payment Section.**
5. Are there any CCTV video files of the pipe sections to be repaired available for review or can be obtained from the Pipe Inspection Company? If so, please provide details on who to contact. **CCTV files are not available for bid.**

6. SMH 16 – There are 3 lateral lines besides the 10” TC main shown entering and/or leaving this manhole. Please provide inflow outflow profiles A, B, C, D and E? Also, the drawings indicate an 8-in SS line entering SMH 16. Is this correct? **Profiles for A, B, C, D and E are not available. To our knowledge the sizes are correct. Contractor is to bid manhole replacement providing all openings and sizes listed for A, B, C, D and E. Final openings will be determined at the pre-construction meeting and prior to ordering manholes**
7. SMH 15 – There is a 6” lateral line shown entering this manhole. How should this be handled, if MH 15 is to be completely removed? **Contractor shall bid MH 15 to be completely removed. If Alternate A3 is not selected the State and Selected Contractor will discuss alternate means to repair SMH-15.**
8. SMH 17 – There are 2 lines shown entering this manhole with two invert elevations. Please clarify C and D? Is this the correct number of invert dimensions? Are there abandoned lines present or are these additional penetrations required? **Inverts C and D are drops in the manhole. The number of penetrations is correct. An inside drop manhole can be used.**
9. Will relining by MH to MH CIPP or point repairs be considered, based on video inspection and other feasibility issues? This technology may be able to provide considerable cost and schedule savings to the project and still meet the project end goals? **No.**
10. Alt #1 - Please re-state the purpose of lowering the SS line between SMH 22 and SMH 17 and the estimated invert depth of the new line? **The sewer line needs to be lowered as it goes through the middle of the storm pipe. See Sheet 11 for profile.**
11. Based on the plan elevations, it appears that the sanitary sewer line goes through the 48-in RCP storm line. Please clarify and state if there are any intentions to repair the RCP line after the new sanitary sewer line is installed? **See profile on Shee11.**
12. How is the flow from SMH 17 to the Pump Station (expected to be gravity) affected by the lowering of the above line? Is the State considering any modifications to the Pump Station System and/or its components? If so, please provide plans and specifications and the method by which the successful Contractor be compensated? **The flow from SMH 17 to the Pump Station is not impacted by this project. Contractor is to maintain flow during work.**
13. Are drop down manholes allowed? **Inside drop manholes are allowed. Single inside drop**

manholes shall be 60” diameter and double inside drop manholes shall be 72” diameter.

14. Alternate 2 – Please clarify that the grouting/abandonment ends at SMH 30B? **Alternate A2 ends at SMH 30B.**
15. Please clarify the extent of manhole to be removed according to the “M6” designation so that the Bidder will be able to calculate the demo effort and the amount of grout to be used to fill in the remaining portion of the manhole. **Refer to Section 01 20 00 Measurement and Payment, Section 2.4. A. 2.**
16. Alternate #3 – The drawing shows approximately 50 LF of 8-in SS line to be abandoned that ends to nowhere. Is this correct or is there a storm drain or any other structure that needs to be abandoned or demolished? **The end of the line is unknown and contractor shall bid as shown on the plans.**
17. Alternate #3 – What size is the lateral entering the new Manhole to be replaced? **Contractor shall assume the pipe opening is 8”.**
18. Alternate #4 – The drawing shows approximately 200 LF of 10-in SS line to be abandoned that ends to nowhere. Is this correct or is there a storm drain or any other structure that needs to be abandoned or demolished? **The end of the line is unknown and contractor shall bid as shown on the plans.**
19. Alternate #5 – The drawing shows abandonment and grouting two (2) 6-in laterals 35-65 LF each beyond SMH 4 that end nowhere. Is this correct or is there a storm drain or any other structure that needs to be abandoned or demolished? Will the State allow these lines to be removed, as an alternate to grouting? **The end of the line is unknown and contractor shall bid as shown on the plans. Selected contractor can discuss line removal as an alternate to grouting.**
20. Drawing 10 shows offset chimney manholes and concentric chimney. Which is correct for any manhole replacements? **All manhole replacements will be pre-cast or pre-cast inside drop manholes.**
21. Addendum 1 Item 17 States that the base bid and Alt 1 will require testing and inspection. Can you please identify what testing is required and who is the responsible party? **The State will provide compaction testing. Contractor is required to perform all mandrel and air testing. In lieu of low-pressure air testing, contractor can pressure test each joint.**

22. Is mandrel testing required on all new piping installed? **Yes.**
23. Is a video inspection after pipe installation acceptable instead of air testing? **No.**
24. Can the contractor self- perform the low pressure air testing of the SDR piping if required or must this be a third party contractor and who needs to verify / witness these tests? **The contractor shall perform the low-pressure air test and the State will witness the test.**
25. Base Bid 2.1 (A)21 Calls for 6" compacted crusher run base with 3" type C paving in two equal lifts.
2.2 Alternate No. A1 A(1) states to follow all applicable work as described in 2.1A.
2.3 Alternate No. A2 A (1) states to follow all applicable work as described in 2.1A
Are we to follow the written direction from the bid item descriptions, the detail on Sheet 10 (permanent crossroad and longitudinal patch) showing 6" of crusher run and one course of 2" class C paving or the detail on Sheet 11 (typical pavement tie in detail) ? If the contractor is to follow the detail on Sheet 11 what is the required material and depth of each layer? **All work within the roadway shall be 3" Type C (two equal lifts) over 6" compacted GABC.**

END OF ADDENDUM