



Old Waste Water Treatment Plant Sewer Bypass

Pre Bid Meeting

August 22, 2019 2:00pm

- Bids open **September 5, 2018 at 2:00 pm.**
 - Purchasing Agent's Office
- Any Addendum will be posted on the City website by the end of the day on **August 29, 2019**. Known plan holders will get an email.
- Questions after this meeting should be submitted by email to Nickie D. Mills at millsnd@ci.staunton.va.us, no later than **12:00 P.M. on August 27, 2019**.
- Direct plan related questions to City of Staunton Engineering Division. Phone: 540-332-3858.
- There are **120** working days to complete the project
- The scope of the project includes
 - Abandon and bypass the former Waste Water Treatment Plant
 - Install 3 new manholes
 - Install approximately 563 LF of 30" ductile iron sanitary sewer
 - Install approximately 598 LF of 36" ductile iron sanitary sewer
 - Rehabilitate 3 existing manholes and one existing splitter box
- Reference Special Conditions
 - All materials for this project shall be VDOT approved and from a VDOT Approved source.
 - Contractor shall install and maintain livestock fencing around the temporary bypass staging area.
 - Contractor shall provide schedule for bypass pumping.
 - Any and all structures and pipes found within the abandonment boundary that are not indicated on the plans are to be abandoned as required. The contractor shall make all necessary investigations to determine the existence and location of such structures, utilities and other underground pipes.
 - Replace frame and covers at existing manholes SMX 3475, SMX 3476 and MH UP3 with watertight manhole frame and covers. Tops shall be raised 1 foot above highest adjacent grade. The top elevations shown on the plans are approximate.
 - Parge coat interior of existing manholes SMX 3475, SMX 3476, and MH UP3. Replace and install steps as required to bring manholes into conformance with city standards.
 - Proposed sanitary sewer shall be ductile iron pipe.
 - Each phase of the construction shall be completed and stabilized before beginning next phase
- Bid Schedule
 - Unit Price bid.
- Go over plans
 - Bypass pumping construction sequence
 - Coordinate with Public Works
 - Operation #1 will run from Manhole SMX 3172 to SMX 3474.

- Operation #2 will run from Manhole SMX 3477 to SMX 3475
- Estimate is \$750,000
- Questions:
 - What class and lining for pipe is required?
 - Pressure class 350; cement lining.
 - How is parge coating and manhole rehabilitation done? Are there issues with gasses eating parge coating?
 - Manhole rehabilitation includes new parge coat applied with trowel, replacing steps, general cleanup where necessary. There are no known gas issues in regards to manhole/pipe coating.
 - What is the anticipated start time?
 - Estimated start time is flexible.
 - How will delays be handled?
 - We are serious about getting the project finished in time and have put enough time in the contract to complete the project fully. There will be liquidated damages for delays beyond contract time, as outlined in the contract documents.
 - What is the city's policy for inclement weather?
 - City will shut down job on inclement weather days, or extended periods of inclement weather per the contract documents.
 - Standard bell joint pipe for whole job?
 - Yes.
 - How will SMX 3172 be accessed for sewer bypass?
 - Project is to be bid with the expectation of staying within existing sewer easement for bypass pumping for access to SMX 3172.
 - What is the expected flow-rate?
 - Typical flow rate is 1/3-1/2 full; if more than that, work may need to be done on a different day.
 - Is QD pipe acceptable as an alternative to HDPE for sewer bypass?
 - QD/quick disconnect pipe acceptable for bypass in place of HDPE as called for on plans; contractor will need to submit specifications for review.
 - What material is required for vent pipes?
 - Ductile iron; specified in detail S-13 in the specification booklet.
- Other comments:
 - City needs documentation of any other arrangements made with property owners regarding livestock control/fencing.
 - City will post addendum with depths of SMX 3172 and SMX 3474.
 - City will post addendum regarding the use of QD pipe in place of HDPE for bypass.
 - If pump station is required to be taken offline, contractor will need to schedule with Public Works.
 - Phase 1 takes flow off of Phase 2, which is why Phase 1 will need to be completed and stabilized first.