

ADDENDUM 001 Request for Bid Savannah Sewer Improvements Project RFB 9-170331SB

Bidders should acknowledge receipt of Addendum 001 (ONE) by signing and including it with the original bid. The due date for receipt of bids **has not** changed by this Addendum; the due date is **April 11, 2017 2:00 PM Central Time**. Accordingly, the following clarifications, and or additional information, are believed to be of general interest to all potential bidders. All other terms and conditions remain unchanged and in full force.

Name and Title of Signer (Print or type)	Name and Title of Department Authority Shannon Branson General Services Specialist
Contractor/Offeror Signature (Signature of person authorized to sign)	Department of Transportation <i>Shannon Branson</i> (Authorizing Signature)
Date Signed:	Date Signed: 4/5/17

QUESTIONS

Question 1: Can 2" HDPE pipe be substituted for the SDR 21 PVC and the 2" RJ PVC?

Answer: Yes

E. High Density Polyethylene DR-PR Plastic Pipe (HDPE): Shall meet the requirements of ASTM F-714 The polyethylene material shall be classified as Type III, Grade P34. The polyethylene pipe shall meet the requirements of ASTM D-3350 for cell classification 345444-C.

1. Forcemain: Wall thickness shall conform to ASTM F-714 for SDR-9, minimum working pressure of 200 psi, ductile iron pipe size.
2. Joints: Joints in HDPE pipe, fittings, and adapters shall be thermally welded by butt fusion.
3. Fittings: HDPE fittings shall be fabricated of pipe with a wall thickness at least as thick as the adjacent pipe, or greater as required by AWWA C906. Mitered bends shall have a minimum of five segments for 90 degree bends, a minimum of three segments for 45 degree bends.
4. Flange Adapters: Flange adapters for connecting HDPE pipe to PVC pipe shall consist of a



stub of polyethylene pipe which is integrally molded with a polyethylene flange. Minimum flange face thickness shall be 1.5 times the pipe wall thickness, and the flange diameter and drilling shall match that of the mated ductile iron flange. A flange gasket shall be used. A flange backer ring of ductile iron or stainless steel shall be used. Flange bolts shall be stainless steel.

5. Mechanical Joint Adapters: Flange adapters for connecting HDPE pipe to ductile iron pipe shall consist of a stub of polyethylene pipe which is integrally molded with a polyethylene retaining ridge which is designed to fit against a ductile iron pipe mechanical joint bell and gasket. A ductile iron follower gland shall be provided. Joint bolts shall be stainless steel

Question 2: What are the specifications for the 2" RJ PVC?

Answer: Joints for wastewater forcemain piping shall be groove& spline coupling with o-rings (flexible elastomeric seal). This piping shall be Certa-Lok Yelomine as manufactured by CertainTeed or Engineer approved equal.

Question 3: Can 8" HDPE pipe be substituted for the 8" steel casing bore?

Answer: No