

**GRAND STRAND WATER & SEWER AUTHORITY
HWY 701 TO HWY 544 48" WATER TRANSMISSION LINE IMPROVEMENT PROJECT**

ADDENDUM NO. 1 – September 25, 2019

This Addendum forms a part of the Bid & Specification Package and modifies the original Bid & Specification Package, dated March 2019, Bid Opening Date October 8, 2019.

Acknowledge receipt of this Addendum in the space provided on the BID (00300-14). Failure to do so may subject Bidder to disqualification.

The following items clarify, modify, change, delete from or add to the Bidding Documents. When any paragraph, subparagraph, or sub-subparagraph, thereof is modified or deleted by this Addendum, the unaltered provisions of that paragraph, subparagraph, or sub-subparagraph shall remain in effect. When any portion of a drawing is modified or deleted, the unaltered provisions of that drawing shall remain in effect.

1. Geotechnical Engineering Report - Section 312000 page 3 1.6 - A - 1 - "see Geotechnical Engineering Report prepared by Hillis-Carnes Engineering Associates, Inc., dated 09.10.2010 for test boring data and other requirements". Question: We do not see this information in the specifications, how could we obtain a copy of this report?

Answer - There is no geotechnical report available for this project. Please delete section 312000 page 3 – 1.6 – A.

2. Pre-Bid Conference - I couldn't find a pre bid conference for this project, with a project this size I would recommend one if you were not intending to clarify the owners intent with the various materials?

Answer – There will be no pre bid meeting for this project. Any questions should be submitted through BidNet. In regards to the various alternates GSWSA intends to review the bids and make a budgetary decision as this is a partially SRF funded project. SRF will only fund the equivalent of a 36" line for this particular project. GSWSA will review bids and award to stay within our budget.

3. The goals for DBE Participation are unclear. The Grand Strand goals are listed as 3.6% DBE and 3.6% WBE while Appendix A Page 5 show the SRF goals to be 2.5% MBE and 2.5% WBE. Appendix A Page 22 list the SRF objectives for FBE to be 6.9% and Appendix A Page 23 list the SRF objectives for MBE in Horry County to be 33.0%. Which if these goals should the Contractor be trying to meet during the bid process?

Answer - The SRF DBE goals listed in Appendix A page 5 are correct for this project and are 2.5% MBE and 2.5% WBE. Please delete the 3.6% DBE goals listed on pages 00100-1 and 00200-3. The 6.9% of female participation and 33% of minority participation (Horry County) listed in Appendix A is for the workforce in each trade. This is an Equal Employment Opportunity goal and is separate from the DBE goals.

4. Alternate #1 Ductile Iron Pipe - Can an item be added to install 48" ductile iron pipe in lieu of 54-inch HDPE w/precast concrete gravity anchors for item 7 in base bid?

Answer – ***Yes. The Schedule of Bid Items has been revised. Please see new Schedule of Bid Items document issued with this addendum (#1) to replace pages 00300-15 through 00300-20 of the original bid package.***

5. Flood Hazard Insurance – Will Flood Hazard Insurance be required on this project?

Answer – ***No. Flood Hazard Insurance will not be required as part of this project.***

6. Precast Anchors – How many precast anchors are required for the 54-inch HDPE pipe and at what spacing? Also, are precast anchors required for the alternate steel pipe?

Answer – ***Precast anchors for the 54" HDPE pipe in bid item 7 shall be installed per the "Precast Concrete Gravity Anchors for Polyethylene Pipe" detail on sheet 26 of the construction drawings. The detail requires the anchors to be placed every 10' on center. Yes, the precast concrete anchors are required for both alternates (48" DIP and steel), however, the minimum spacing for the alternates will be 20' on center.***

7. NTP and Award – When do you expect award of this project? When do you expect to send out the NTP after award?

Answer – ***Award of the project will be issued once all bids are evaluated and approved by GSWSA and SRF. This time frame is expected to be within 2 months of the bid opening. Notice to Proceed will be issued based on expected material delivery schedules once Award is issued.***

8. Stainless Steel Accessories – In your spec under ductile iron pipe and fittings page 331400-4 Part 2 Products it states 316 stainless steel bolts. In your spec under PVC pipe and fittings page 331400-5 and 6 paragraph 2.3 sub paragraph A it states steel bolts. What are we to use for fittings steel bolts or 316 stainless steel bolts?

Answer – ***Bolts and nuts for all mechanical joints shall be high strength low alloy steel in accordance with ANSI/AWWA C111/A21.11. Delete the stainless steel requirement from section 331400 page 4 – 2.1 – A – 2.***

9. Horizontal Directional Drilling – Contractor requests the following clarification(s): Item. 1 Are there going to be any further engineered HDD drawings issued where radius of curvature, entry and exit angles and entry and exit ground surface stations are listed? Item 2 Has there been any geotechnical investigations completed on the projects HDD's? If not, will there be any issued for the bid? Item 3 The minimum for each project on the drawings is listed at a minimum of 15'. This cover depth, even at a minimum appears to be shallow given these are large diameter pipe and that there is no current geotechnical information. Has the GSWSA or the engineering group of record completed annular pressure calculations to see if the ground formation at this minimum depth is suitable and an Inadvertent Drilling Fluid Return (IDFR) will not occur at the surface of each of the proposed drill sites?

Answer – ***Item 1 – No. There will be no further engineered drawings issued regarding the horizontal directional drills for this project. Contractor shall be responsible for any further information necessary to successfully complete the installation of the directional drills. Item 2 – No. There will be no geotechnical reports available for this project. Any geotechnical reports,***

if necessary, shall be the responsibility of the contractor. Item 3 – The minimum depth requirements shown on the plans are the absolute minimum allowed. Actual depth requirements shall be the responsibility of the contractor to determine. Any further information required to successfully complete the installation of the directional drills will be the responsibility of the contractor.

10. Bid Form Question – Will the contractor be required to bid all of the alternates on the bid forms or can we bid only one of the alternates?

Answer – Yes. Contractors are required to complete all items and alternates on the Schedule of Bid Items.

11. Test Water – Will the Owner provide the water for testing or will the Contractor be charged for test water? If the Contractor is to be charged for test water, what will be the rate?

Answer – Test water will be provided by GSWSA for this project at no cost to the contractor. However, the contractor shall be responsible for the connection to GSWSA’s water system. Also, the contractor shall be responsible for installing an approved backflow prevention device at the connection.

12. Detail for County Roadway Asphalt Repair – Can you please provide a detail for the county roadway detail or please clarify which one to use in the detail sections of the plans.

Answer – Open cut and repair for a county road shall use the “Horry County Road Pavement Repair” detail as shown on sheet 24 of the construction plans. Open cut and repair for an SCDOT road shall use the “Typical SCDOT Asphalt Roadway Pavement Repair” detail as shown on sheet 27 of the construction plans. Asphalt overlay for both county and SCDOT roads shall use the “Existing Pavement Overlay” detail as shown on sheet 27 of the construction plans.

13. Ductile Iron Pipe – We interpret the specifications to say that the Ductile Iron Pipe gets Polywrap for both Zinc Coated and Non-Zinc Coated Pipe. Please confirm?

Answer – Yes. All ductile iron pipe installed within the project is to have a polyethylene encasement meeting the requirements of section 330519 page 6 of the specifications.

14. General Questions – After our initial review of the bid documents for this project, we have the following questions: 1. Does GSWSA plan to hold a prebid meeting for this project? If not, due to the size and scope of the project, will GSWSA consider holding a prebid meeting? 2. Please see Section 00200 - Information For Bidders, Page 1, Paragraph 7... This paragraph refers to a 5% preference being given to local contractors. The size and scope of this project will likely minimize local bidders. Therefore, to provide a fair playing field for all other bidders, will GSWSA consider removing the local preference for this project? 3. Due to the size and scope of the project, will GSWSA consider providing a 2-week extension on the bid date?

Answer – 1. There will be no pre bid meeting for this project. Any questions should be submitted through BidNet. 2. No change will be made to section 00200. The opportunity to match by a GSWSA service area vendor will remain. 3. No extension will be provided at this time. The bid opening date will remain the same.

15. Wetland Crossing #1 – For the bid item for the HDD it specifies DR17 for the HDPE and the plans specify DR15.5. Please advise which to use.

Answer – The HDPE pipe for Wetland Crossing #1 shown on sheet 10 of the construction plans shall be DR-17. Please delete any reference to DR-15.5.

16. Bid Clarification – Alternate #1, Bid Item #7
The ductile iron pipe for bid item #7 in alternate #1 shall be restrained joint ductile iron pipe.

END OF ADDENDUM ONE