



Georgetown County, South Carolina

129 Screven Street, Suite 239
Post Office Drawer 421270
Georgetown, SC 29442-4200
(843) 545-3083 • Fax (843) 545-3500
E-Mail • purch@gtcounty.org
Website • <http://www.gtcounty.org>

ADDENDUM #2 TO BID #20-032

BID NUMBER: 20-032

ISSUE DATE: Friday, June 5, 2020

OPENING DATE: Wed., June 10, 2020

OPENING TIME: 3:00 PM ET

Pre-Bid Site Inspection: Independent-On Own

PROCUREMENT FOR: Running Water Drive Drainage Improvements

This addendum will amend **Bid #20-032, Running Water Drive Drainage Improvements** originally issued on Wednesday, May 13, 2020. This clarification is being provided to all known and registered correspondents in response to questions received. All addenda and original bid documents are also available online at: www.gtcounty.org, select "Bid Opportunities" from the Quick Links section and "View Current Bid Solicitations."

Question #1: Was reaching out to get a little clarification on what structures would be used on this Job. Most of the structures do not identify exactly what type of structure is required, Drop Inlet or Type 9 Catch Basin. Can you please take a look and see if this is something that you can help me out with. Thank you for your time.

Response: All drainage structures are SCDOT drop inlets including structures with "CONFLICT" in their name unless the structure name is followed with a designation of .JB=junction box, .NYOPLAST=Nyoplast Yard Inlet, or TYPE9= SCDOT Type 9 inlet. For example, A.15.11.9.TYPE9 is a SCDOT Type 9 inlet and A.1 is an SCDOT drop inlet. The majority of structures are SCDOT drop inlets.

Question #2: Can you elaborate on the answer to Question/Answer #18 from Addendum #1? How is the contractor able to quantify and account for the cost of these utility

relocations? There are too many variables and too many unknowns regarding power and communications relocations.

Response: The contractor is responsible for including cost in their bid for the coordination required with the power and communication companies in regards to the tree removals and the stormwater removals and installations near the existing poles/power and communication lines. The contractor is also required to include cost in their bid for additional measures as required for the tree removals and limbing of existing trees (include with unit price line item 6) as well as stormwater removals and installations (include with unit price line item 7 and 21-25) so that no damage to the existing power poles and overhead lines will occur. For bidding purposes, it should be assumed that no power or communications relocations will be required by the contractor and that the power company will be able to hold poles, and provide other required protections, and/or temporary relocations of their power poles and lines as needed during construction.

Question #3: Water-Can the existing water mains be isolate so we can reroute the lines for the drainage?

Response: The water mains can be isolated for the relocations.

Question #4: Water-Can the reroutes be done during normal daytime hours (8AM-4PM)?

Response: Relocations can be done during normal daytime hours Monday through Friday. We prefer to delay the start time for the isolation until around 9:30 A.M. in order to give customers adequate time for their morning activities (showers, cooking, etc.). The water mains can be isolated beginning as described above but the relocations must be completed and the mains ready for flushing in order to restore water to customers each day for their use prior to 5:00 P.M.

Question #5: Water-Can the existing water be turned off for 4-6 hours during the day?

Response: Yes but water line outages would need to be planned and scheduled whereby the District would have ample time to notify customers and the fire department.

Question #6: Sewer-Can the existing Force Main reroute be done during normal daytime hours (8AM-4PM)?

Response: Yes, the relocations can be done during normal daytime hours Monday through Friday 8 A.M. to 4 P.M.

Question #7: Sewer-Can the existing Force Main be turned off for 4-6 hours during the day?

Response: Yes, the force main can be turned off for 4 to 6 hours during the day.

Question #8: Sewer-Can the existing gravity sewer be plugged off during normal daytime hours for 5-7 hours for the reroute?

Response: The two locations where the gravity sewer main and/or sewer service will need to be cut and plugged/capped for the installation of conflict boxes on the drainage pipe, these lines can be plugged off during normal daytime hours Monday through Friday for 5 to 7 hours.

Question #9: Sewer-Is the bypass pumping anticipated to be required?

Response: The force main can be turned off for 4 to 6 hours during the day. We are in the process of confirming the amount of flow to the pump station and the storage time at the pump station.

Question #10: Could you add an Allowance for the Utility Relocations for Santee Cooper and the Cable Companies so we can all be bidding using the same relocation dollars?

Response: We do not anticipate the relocation of any power poles due to the proposed construction, with the exception of some guy poles/wires which the electrical provider (Santee Cooper) is aware of and will address. If there are cases that require relocation of the power poles (and if they cannot be held), the County will cover those costs. Contractor shall coordinate directly with all utility providers during construction. Due to prior rights by the County, utility agencies are obligated to relocate their utilities if required for construction.

Question #11: Is there an estimated cost for the Project.

Response: The budget for this project is \$1,973,254.60.

Question #12: Sewer-Are there any other sewer force main manifolds on the existing 6" FM along it's route and does it ultimately discharge into a manhole?

Response: The 6" force main leaving the pump station on running water travels south on Wacca Wache Drive approximately 600' to Wachesaw Rd. From there it travels west about 1,500 feet where it manifolds with a 4" force main from Labruce Ln. From there the force main travels another 400' west before dumping into a manhole.

Question #13: In reference to clearing and grubbing, can the stumps remain?

SCDOT Standard Specification Division 200 Section 201 Clearing and Grubbing:

- 5 In areas to be excavated or where embankments are to be constructed, clear and grub the ground of all living or dead trees, brush, roots, weeds, leaves, and all other objectionable material. In areas where embankments are to be constructed to a height of 5 feet or less, clear and grub the area of all stumps, unless otherwise indicated on the Plans or allowed by the RCE. If stumps are allowed to remain under embankments, do not allow them to extend more than 8 inches above the ground line or low water level.

Response: All stumps must be ground to 6" below finished grade and all stump along the trench shall be completely removed.

Question #14: Is it possible to substitute HDPE for some of the concrete pipe on this project?

Response: No, HDPE shall only be used in the locations shown on the plans for minor drainage connections. All other stormwater piping shall be installed as RCP as shown on the plans and per the trenching details and requirements shown in the plans. Material substitutions for RCP Pipe material shall not be allowed.

Question #15: Dwg C-19 - RCP bedding detail heading "Required Stone Bedding for Concrete Storm Drainage Pipe 24" Diameter and Greater" indicates select backfill material around RCP. Bid items 23, 24 and 25 state structural fill around pipe. Please clarify.

Response: The intent of the detail on Sheet C-19 is to show the required stone bedding installation. All backfill material above the stormwater pipes shall follow SCDOT Standard Drawing 714-105-00 (on Plan Sheet C16) as well as the requirements in SCDOT Supplemental Specification SC-M-714.

Question #16: Dwg C-12 - Please clarify which bid item 30 inch RCP is to be included with. This line is located at station +/- 17 + 00.

Response: This 30” RCP has been included on revised Exhibit H Unit Price Schedule Item #24 and the remaining items have been re-numbered accordingly.

Question #17: Bid Form Items 9 & 52 - Bid item 52 covers an allowance for landscape work. Costs for removal and reinstallation of landscaping and irrigation is noted for Bid Item 9. Please clarify the landscaping portion for Bid Item 9.

Response: The landscaping allowance item number 52 (now number 53 on revised schedule) covers only new tree plantings within the Running Road median area that is to be cleared. All other required landscaping and irrigation replacement shall be covered under bid item number 9.

Question #18: Bid Item 49 Horizontal Relocation of Water Main Pipe - Please clarify size and location of this work.

Response: The water main relocation work included on bid item number 49 (now number 50 on revised schedule) is labeled on Sheet C11 along pipe A.9. The relocation is for a 6” water main to allow for the installation of the stormwater structures and pipes and associated crossings.

Question #19: Bid Item 46, 6" Sewer Force Main Vertical Relocation - Please clarify location of sanitary sewer force main relocates in order for us to determine requirements needed for bypass pumping.

Response: The sewer force main relocation work included on bid item number 46 (now number 47 on revised schedule) is shown on sheet C.11 and the force main crosses stormwater pipes A.9.2 and A.10.

Question #20: Based on our observations of the project, it appears a good deal of unsuitable soils will be encountered. Will the County give consideration to adding a bid item for the removal and replacement of unsuitable soils?

Response: Line items 55 and 56 have been added to the revised unit price schedule for providing cost for the removal of unsuitable soils and import of soils if encountered.

EXHIBIT H (REVISED 6/4/2020)
(Mandatory Bid Submittal Form)
UNIT PRICE SCHEDULE
RUNNING WATER ROAD DRAINAGE IMPROVEMENTS
GEORGETOWN COUNTY, SOUTH CAROLINA
BID # 20-032

When changes in the work are ordered by the Owner, and such changes involve the following items, the following unit prices will be used to calculate adjustments to the Contract Sum. These unit prices shall be for the Work as specified, including all labor, materials, equipment, accessories, shipping, preparation, insurance, testing, overhead, profit, applicable taxes, permits, fees, warranties and all other associated costs for the finished and completed Work. All unit prices for utility conduits shall include sweeps, bends, couplings, caps, fittings, etc. which shall be included in the unit price per linear foot. Unit prices for undercut soils shall include material in place, surveyed and compacted pursuant to the Contract Documents.

Submit unit price and proposal amount for the following items. This list may not include all components necessary to provide a completed product, therefore any applicable items necessary to provide a completed product should be considered in your unit price response.

In case of errors in the extension of prices, unit price governs. In case of error in summations, corrected bid amounts will be totaled and will govern.

Contractor shall be responsible for all necessary electric and water hookups.

Contractor shall make quantity take-offs using drawings to determine quantities to his satisfaction, reporting promptly any discrepancies which may affect bidding. This is not a comprehensive list of items included in the contract documents, and represents only a portion of the project total.

UNIT PRICE SCHEDULE.

Item	Description	Unit	Quantity	Unit Price
1.	Mobilization/staking/general conditions	LS	1	\$
2.	Traffic Control	LS	1	\$
3.	Dewatering	LS	1	\$
4.	Dewatering/Pump Around/Sand Bags for Outfall at Pond as Needed	LS	1	\$
5.	Strip Topsoil (inc. offsite disposal)	LS	1	\$
6.	Clearing and Grubbing, tree removal (Includes the outfall, all trees within the median, all trees within the permanent easements, and other as required)	AC	.30	\$
7.	Remove Stormwater Pipe	LF	535	\$
8.	Remove Wooden Headwall	EA	1	\$

Item	Description	Unit	Quantity	Unit Price
9.	Misc. Demolition (SW Struct. Removal, Abandon ex. pipes w/ flowable fill, remove and reinstall mailboxes, signage, landscaping, irrigation, etc.)	LS	1	\$
10.	Remove Driveway/Road - Asphalt/Concrete	SY	2,665	\$
11.	Hydroseeding	SF	94,000	\$
12.	SC150 Erosion Control Matting in Ditch	SY	4,880	\$
13.	Riprap Pipe Outlet Protection	SY	45	\$
14.	Stabilized Construction Entrance	EA	1	\$
15.	Sediment Tubes	EA	50	\$
16.	Concrete Washout	EA	1	\$
17.	Inlet Protection	EA	53	\$
18.	Concrete Head Wall	EA	2	\$
19.	12" HDPE Drainage Header Pipe	LF	75	\$
20.	Connections of existing PVC drains to 12" HDPE Header Pipe	LS	1	\$
21.	15" RCP Drainage Pipe (inc. trenching, excavation, and structural fill around pipe, AASHTO M315-Profile Rubber Gasket, all joints shall be wrapped)	LF	96	\$
22.	18" RCP Drainage Pipe (inc. trenching, excavation, and structural fill around pipe, AASHTO M315-Profile Rubber Gasket, all joints shall be wrapped)	LF	935	\$
23.	24" RCP Drainage Pipe (inc. trenching, excavation, and structural fill around pipe, and 4" stone bedding and stone within pipe haunch per details, AASHTO M315-Profile Rubber Gasket, all joints shall be wrapped)	LF	1,430	\$

Item	Description	Unit	Quantity	Unit Price
24.	30" RCP Drainage Pipe (inc. trenching, excavation, and structural fill around pipe, and 4" stone bedding and stone within pipe haunch per details, AASHTO M315-Profile Rubber Gasket, all joints shall be wrapped)	LF	36	\$
25.	36" RCP Drainage Pipe (inc. trenching, excavation, and structural fill around pipe, and 4" stone bedding and stone within pipe haunch per details, AASHTO M315-Profile Rubber Gasket, all joints shall be wrapped)	LF	863	\$
26.	42" RCP Drainage Pipe (inc. trenching, excavation, and structural fill around pipe, and 4" stone bedding and stone within pipe haunch per details, AASHTO M315-Profile Rubber Gasket, all joints shall be wrapped)	LF	2,363	\$
27.	Beveled Pipe Ends inc. Riprap & Geotextile Fabric	EA	6	\$
28.	Drop Inlets	EA	38	\$
29.	Drop Inlets Conflict Boxes	EA	9 (est.)	
30.	12" HDPE Cleanout and Cap	EA	1	\$
31.	6' Manhole W/ Conflict	EA	1	\$
32.	Flared End Section (FES)	EA	3	\$
33.	SCDOT Type 9 Inlets	EA	2	\$
34.	Nyoplast Grate Inlets	EA	3	\$
35.	Tie Existing Stormwater Pipe to New Structure	EA	5 (est.)	\$
36.	Tie ex. 12" CPP to new 12" HDPE	EA	1	\$
37.	Asphalt Paving (Type C 2" Asphalt Thickness) for Driveways	SY	70	\$
38.	Concrete Paving for Driveways (4" thick, 5,000 psi fiber reinforced)	SY	110	\$
39.	2" Asphalt Overlay	SY	3,025	\$

Item	Description	Unit	Quantity	Unit Price
40.	Open Road Cut and Stormwater Pipe Installation (Includes Full Depth Asphalt)	EA	20	\$
41.	Flowable Fill for Open Road Cut and Stormwater Pipe Installation	CY	200	\$
42.	Thermoplastic Stop Bars	EA	6	\$
43.	Fine Grading (driveways, road, swales)	SY	12,000	\$
44.	Sanitary Sewer DIP through Conflict Box	EA	9	\$
45.	Water Service Relocation	EA	10 (est.)	\$
46.	6" Water Main Vertical Relocation	EA	5 (est.)	\$
47.	6" Sewer Force Main Vertical Relocation	EA	2 (est.)	\$
48.	Pipe A.1 42" RCP Outfall (inc. means and methods for installation)	EA	1	\$
49.	Weir Modification (inc. means and methods for installation)	EA	1	\$
50.	Horizontal Relocation of Water Main Pipe	LF	150	\$
51.	Misc. relocations, working around exist. utilities, shoring	LS	1	\$
52.	Field Testing and Laboratory Services Allowance	LS	1	\$8,000
53.	Landscaping Allowance	LS	1	\$20,000
54.	Temporary Irrigation Allowance	LS	1	\$8,000
55.	Unsuitable Soil Removal and Disposal Offsite	CY	100 (est)	\$
56.	Control Fill Import to Replace Unsuitable Soils	CY	100 (est)	\$
Bid Alternate 1				
57.	Asphalt Resurfacing of Running Water Road (1.5" mill and 2" overlay)	SY	8,920	\$

Bidder/Proposer: _____

Signature: _____

Title: _____

Dated: _____

[THE REMAINDER OF THIS PAGE IN INTENTIONALLY LEFT BLANK]