



# County of Georgetown, South Carolina

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## ADDENDUM #2 TO BID #18-043

**BID NUMBER: 18-043**

**ISSUE DATE: Wednesday, 07/05/18**

**REVISED BID OPENING DATE: Wednesday, August 1, 2018**

**OPENING TIME: 3:00 PM (ET)**

**Bid Opening Location: Georgetown County Courthouse, Suite #239 (Purchasing Conference Room)**

**PROCUREMENT FOR: Hagley West Drainage Improvements, Phase 2**

### **Amended Project Timeline is as follows:**

Item	Date	Time	Location
Addendum 2 w/Revised Timeline Date of Issue:	Thursday, July 5, 2018	5:00 PM ET	n/a
Inquiry Cut-Off Time:	Wednesday, July 18, 2018	3:00PM ET	n/a
Bid Delivery Cut-Off Time:	Wednesday, August 1, 2018	3:00PM ET	Suite 239
Bid Opening and Tabulation:	Wednesday, August 1, 2018	3:00PM ET	Suite 239
County Council Review:	Tuesday, August 28, 2018	5:30pm ET	Chambers 217
Earliest Possible Notice to Proceed:	Monday, Sept. 10, 2018	n/a	n/a
Substantial Completion	210 Calendar Days from NTP	n/a	n/a

This Addendum #2 will amend **BID #18-043, Hagley West Drainage Improvements, Phase 2** originally issued on Wednesday, June 20, 2018. 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: <http://www.gtcounty.org>, select Quick Links, “Bid Opportunities” and “Current Bids.”

County staff and representatives from Stantec Consulting Engineers and Georgetown County Water and Sewer District met with all interested parties on site to discuss the project and walk the area. Present were:

- John Prorock PE, Stantec Consulting
- Tracy Jones PE, County Storm Water Engineer
- Art Baker PE, County Capital Projects Engineer
- Ernie Funderburk, GCWSD

The following items were discussed, in no particular order:

- 1) Any questions or requests for clarification that arise after the pre-bid should be directed to the Purchasing Officer at [purch@gtcounty.org](mailto:purch@gtcounty.org). The response will be coordinated with the project engineers, property owner, or County staff and will be provided to all registered parties by published addendum which will be posted on the County website as well.
- 2) The sign-in/registration sheets will be scanned and made available. Only those firms with a representative registered will be qualified to bid as a prime contractor on this project.
- 3) Project Review Summary:
  - a) Objective is to maintain positive drainage flow throughout the project area;
  - b) Limit of Disturbance are to be staked, and are to remain inside the R-O-W or Easements;
  - c) Bonding does apply to project per bidding documents;
  - d) Rain delay procedures are in the Project Manual;
  - e) There is a 10% retainage; and
  - f) The earliest possible start date is August 8<sup>th</sup>, however that may get pushed back as the temporary construction easements are being obtained.
- 4) The .PDF plans and drawings on the County website the county website ([www.gtcounty.org](http://www.gtcounty.org) select "Bid Opportunities" from the *Quick Links* box on the homepage) should be plotted to 24x36 to maintain scale. There are also .DWG (AutoCAD) documents available, the use of which requires that you complete and return Exhibit J – Electronic Data Disclaimer with your bid submittal. Quantities are to scale.
- 5) A revised Exhibit F – *List of Prime and Subcontractors* is attached to this addendum. It has been revised to require the applicable license and classification details for the prime and each subcontractor. The intent is to verify that each discipline is performed by a qualified and licensed contractor. There is no intent to limit competition.
- 6) A revised Exhibit G - *Unit Price Schedule* is attached to this Addendum. This schedule is intended for the convenience all parties in the event of change order execution. Additional items not individually listed in the unit price schedule may be associated with this project. The contractor is responsible for reviewing this project manual and all contract documents in their entirety. Any additional items not specifically listed in the unit price schedule should be included in item #57 of the revised schedule.
- 7) Permits are included in this Addendum as follows:
  - a. SCDOT Encroachment Permits
  - b. SCDHEC

8) The following thirteen (13) revised design drawing sheets are included in this Addendum and shall supersede previous editions:

Sheet No.	Title	Revision No.
C5, C10	Existing Conditions & Demolition Plan	1
C15, C16, C17, C18, C23	Erosion Control, Grading, Utilities, & Drainage Improvements Plan	1
C24, C25	Storm Drainage Profiles	1
C29, C30	Drainage & Erosion Control Details	1
C31	Utility, Roadway & Traffic Control Details	1
C34	Roadway and Traffic Details	1

- 9) Q: The water main along Hagley Drive is too close to the box culvert. Will water main relocation be required?  
 A: No relocation of the existing water main along the South side of Hagley Dr. is proposed with this project. Contractor is responsible for the means and methods necessary to protect this water main in place while installing new stormwater pipe and box culvert. Trench boxes, sheeting/shoring, or other means and methods may be required for installation of the box culvert. This protection is to be provided and paid for by the contractor and should be reflected in line item #27 of the revised Unit Price Schedule.  
 Note: Wingwalls for the box culvert have been modified to be without “flares” (i.e. to be parallel to the road) as show on revised Sheet C30.
- 10) Q: Will tree clearing be included as part of this project?  
 A: Yes. Line Item #9 in the Unit Price Schedule should be used to capture any tree clearing or other miscellaneous demolition required for completion of the project (excluding the tree clearing for the Otter Run Road improvements which should be captured in Line Item #6).
- 11) Q: Can the Construction Entrance at the end of Otter Run Rd remain after construction be used by the County for future maintenance access?  
 A: Yes.
- 12) Q: Will post-construction CCTV will be required for new relocated sewer services?  
 A: No.  
 Note: Certain existing sewer services were potholed for elevation determination during design of the project.
- 13) Q: Will there be impact to the existing landscaping along the ditch between the pond and Kings River Road which parallels the landscaped yard?  
 A: See revised Sheet C10.
- 14) Q: The Paving Detail shows only 6” width of base. Should this be 12” per SCDOT?  
 A: Details shown on Sheet 34 are approved by SCDOT for construction.
- 15) Q: The Utility Line Details are too vague.

- A: Details shown on Sheet 31 and 32 are Standard GCWSD details. If contractor has additional questions, they should contact GCWSD for clarification.
- 16) Q: Is there a detail for the Spillway (reinforced rock outlet) at the end of Otter Run?  
A: Yes. See Detail on Sheet C-29. This is a temporary erosion control device.
- 17) Q: The inverts for the spillway at the end of Otter Run do not appear to provide positive drainage.  
A: The proposed top of spillway elevation is lower than the existing water level in the beaver pond and will provide positive drainage.
- 18) Q: Will the tree near the new 8X10 Precast Concrete Drainage Structure (near outfall) be removed?  
A: Yes. See revised Sheet C5.
- 19) Q: Do the existing inlet structures (2) near Station 0+00 need to be cleaned out?  
A: Yes. See revised Sheet C5.
- 20) Q: Are there unit prices for the 4 sewer service relocates (lowering)?  
A: Yes. See Schedule of Values, item No. 49.
- 21) Q: Clarify the 8X10 box (custom), at the project outfall, downstream of Sta 0+00.  
A: This is a standard precast box, to provide stormwater storage/detention. The contractor shall submit shop drawings.
- 22) Q: Is there needs a detail to be used for the box culvert crossing the street?  
A: Yes, See revised Sheet C34. Include open cut costs in line item #47.
- 23) Q: Does "Water Note" No. 17 on sheet C2 apply?  
A: No. Only a 1 year warranty is required for the project. No bonds are required.
- 24) Q: Have the Construction Easements been secured.  
A: No. The county is in the process of securing these temporary construction easements.
- 25) Q: What SCDOT pipe bedding compaction testing will be required?  
A: SCDOT SC-M-714, Supplemental Technical Specification for Permanent Pipe Culverts shall be followed.  
For Material Testing (ref. Section 1.3.3), *"A sample of the pipe bedding material will be taken at the beginning of pipe laying operations to verify the classification of materials used for bedding and pipe structural backfill. After the initial sample is taken, the sampling frequency will be for each 1000 foot production lot or until the source or classification of the bedding/backfill material changes."*  
For Installation Testing (ref. Section 1.3.6) *"For pipe smaller than 36 inches in diameter, the RCE will run a minimum of one verification compaction test a the spring line of the pipe for each run of pipe between drainage structures or pipe ends."* Testing shall be performed on a minimum of every 500 linear feet of pipe or box culvert.  
Note: i. Box culvert top openings are not considered a drainage structure.  
ii. If there are additional SCDOT testing requirements, the County will cover.

- 26) Q: Will the permits will be included in the Addendum?  
A: Yes. See attached SCDOT (3) and SCDHEC (1) permits.
- 27) Q: Lot at Sta. 6+00 of Old Ashley Loop has 2 driveway (TM#04-028-030-00-00), but the drawings show only one driveway. How should this be addressed?  
A: See Revision on sheet C23. The proposed pipe was extended to provide access to the detached garage.
- 28) Q: Provide clarification on tongue and groove pipe.  
A: AASHTO M315 Rubber gasket pipe is required for all pipes. Reference SCDOT Drawing 714-205-01 (see Sheet C28). Tongue and groove pipe shall not be used.
- 29) Q: Clarify who is responsible for SWPP monitoring and reporting.  
A: County. (Contractor shall maintain/record rain gauge).
- 30) Q: Do you have a potential supplier for the 2' x 4' Box culvert? We have contacted several local suppliers (MAD, Rinker, CDI, CP &P) and they do not make that size. We also talked with Precast Company out of State and they said they are considering it but cannot commit or provide a quote at this time.  
A: We have confirmed with Oldcastle (Phone # 704-497-0415) that there is no issue with supplying this size box culvert. They will likely make it in 10' sections with a removable top slab and then cast in the openings for inlets. Other SCDOT approved suppliers may be available.
- 31) Q: We are bidding the drainage pipe on the above referenced project; however, we are unable to make the 4x2 box culverts in the Carolinas. We do make larger box culverts locally though. As such, we respectfully request that an elliptical equivalent (29" x 45") be approved as an alternative. This will provide for a more competitive bidding situation.  
A: We have confirmed that the specified box culvert can be obtained, which the project was designed for. Elliptical pipe substitutions will not be acceptable.
- 32) There being no further discussion, the pre-bid inspection was adjourned.

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## ADDENDUM ACKNOWLEDGEMENT

**Bid #18-043**

### **Hagley West Drainage Improvements, Phase 2** **Mandatory Submittal Form**

**To be returned with the final proposal submission to Georgetown County.**

COMPANY NAME: \_\_\_\_\_

Addendum #1 Received Date: \_\_\_\_\_ Initialed By: \_\_\_\_\_

Addendum #2 Received Date: \_\_\_\_\_ Initialed By: \_\_\_\_\_

Addendum #3 Received Date: \_\_\_\_\_ Initialed By: \_\_\_\_\_

Addendum #4 Received Date: \_\_\_\_\_ Initialed By: \_\_\_\_\_

Addendum #5 Received Date: \_\_\_\_\_ Initialed By: \_\_\_\_\_

Addendum #6 Received Date: \_\_\_\_\_ Initialed By: \_\_\_\_\_

If your Bid submission has already been mailed, acknowledgment may be provided by faxing this form to (843)545-3500, or attaching a digital scan and sending by e-mail.

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**EXHIBIT H- (Mandatory Bid Submittal Form)**  
**“REVISED” UNIT PRICE SCHEDULE**  
**Hagley West Drainage Improvements Phase 2**  
**GEORGETOWN COUNTY, SOUTH CAROLINA**  
**RFP/BID # 18-043**

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.**

<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Unit Price</b>	<b>Total Cost</b>
1.	Mobilization/staking/general conditions	LS	1	\$	
2.	Traffic Control	LS	1	\$	
3.	Dewatering	LS	1	\$	
4.	Dewatering/Pump Around/Sand Bags (Otter Run Rd)	LS	1	\$	
5.	Strip Topsoil	CY	1,200	\$	
6.	Clearing and Grubbing, tree removal (Otter Run Rd)	AC	0.15	\$	
7.	Remove Stormwater Pipe	LF	1,065	\$	
8.	Remove Conc. Headwall	EA	2	\$	
9.	Misc. Demolition (clearing, tree removal, SW Struct. Removal, etc.)	LS	1	\$	

Item	Description	Unit	Quantity	Unit Price	Total Cost
10.	Documentation of and replacement of landscaping along re-graded ditch b/t TMS 04-0207-562-00-00 & 563-00-00	LS	1	\$	
11.	Beaver Dam Removal (Otter Run Rd, approx.. 150 LF)	LS	1	\$	
12.	Remove Driveway/Road - Asphalt/Concrete	SY	755	\$	
13.	Hydroseeding	SF	86,425	\$	
14.	Orange Safety Fence	LF	3,630	\$	
15.	SC150 Erosion Control Matting in Ditch	SY	2,470	\$	
16.	Riprap Pipe Outlet Protection	SY	75	\$	
17.	Stabilized Construction Entrance	EA	1	\$	
18.	Sediment Tubes	EA	29	\$	
19.	Concrete Washout	EA	1	\$	
20.	Inlet Protection	EA	15	\$	
21.	Silt Fence Rock Outlet (Otter Run Rd)	EA	1	\$	
22.	Silt Fence (Otter Run Rd)	LF	500	\$	
23.	15" RCP Drainage Pipe	LF	8	\$	
24.	18" RCP Drainage Pipe	LF	453	\$	
25.	24" RCP Drainage Pipe	LF	80	\$	
26.	30" RCP Drainage Pipe	LF	28	\$	
27.	42" RCP Drainage Pipe	LF	45	\$	
28.	24"x48" Conc. Box Culvert	LF	1251	\$	
29.	Means and Methods for Installation of Box Culvert parallel with Existing Water Main	LS	1	\$	
30.	Beveled Pipe Ends inc. Riprap & Geotextile Fabric	EA	30	\$	
31.	Box Culvert End inc. Riprap per SCDOT Std. (No flare-outs, mitered only)	EA	7	\$	
32.	Custom 8'x10' Drop Inlet Struct.	EA	1	\$	
33.	Connect 42" RCP to Ex. Struct.	EA	1	\$	
34.	24"x36" SCDOT Drop Inlet (2'x3' Box) w/ Side Weirs	EA	1	\$	
35.	24"x36" SCDOT Drop Inlet (4'x4' Box) w/ Side Weirs	EA	1	\$	
36.	24"x36" SCDOT Drop Inlet (6'x6' Box)	EA	4	\$	

Item	Description	Unit	Quantity	Unit Price	Total Cost
37.	Drop Inlets (through top of box culvert)	EA	6	\$	
38.	Connect ex. 15" CPP to new SCDOT 24"x36" Drop Inlet	EA	1	\$	
39.	Connect 42" CPP to Custom Drop Inlet	EA	2	\$	
40.	Asphalt Paving for Driveways	SY	280	\$	
41.	Concrete Paving for Driveways	SY	175	\$	
42.	Asphalt Paving for SCDOT Roadways	SY	225	\$	
43.	1.5" Asphalt Overlay for pipe crossings	SY	1925	\$	
44.	Fine Grading (driveways, road, swales)	SY	9,560	\$	
45.	Fine Grading (Otter Run Rd, Spillway Area and Access)	SY	600	\$	
46.	Storm Pipe Road Crossing	EA	3	\$	
47.	Storm Box Culvert Road Crossing	EA	1	\$	
48.	Flowable Fill around road pipe crossings	CY	80	\$	
49.	Sanitary Sewer Service Relocation	EA	10 (est.)	\$	
50.	Water Service Relocation	EA	10 (est.)	\$	
51.	6" Water Main Vertical Relocation	EA	3 (est.)	\$	
52.	8" Water Main Vertical Relocation	EA	3 (est.)	\$	
53.	10" Water Main Vertical Relocation	EA	3 (est.)	\$	
54.	12" Water Main Vertical Relocation	EA	3 (est.)	\$	
55.	Concrete Utility Conflict Box	EA	1 (est.)	\$	
56.	Misc. relocations, working around exist. Utilities, shoring	LS	1	\$	
57.	Other	LS	1	\$	

Total for Construction = \_\_\_\_\_

Bidder/Proposer: \_\_\_\_\_

Signature: \_\_\_\_\_

Title: \_\_\_\_\_

Dated: \_\_\_\_\_

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**“EXHIBIT F”**

**LIST OF PRIME AND SUBCONTRACTORS**

**(Part of Proposal-Turn in with Bid Submittal)**

The undersigned states that the following is a full and complete list of proposed prime contractor and sub-contractors on this Project and the class of work to be performed by each, and that such list will not be added to nor altered without the written consent of the Owner.

<b><u>Prime Contractor, Subcontractor Consultants and Address</u></b>	<b><u>Class of Work to be Performed and License # - Classification(s)</u></b>
1) _____ _____	_____ _____
2) _____ _____	_____ _____
3) _____ _____	_____ _____
4) _____ _____	_____ _____
5) _____ _____	_____ _____
6) _____ _____	_____ _____

**Dated:** \_\_\_\_\_ **Bidder:** \_\_\_\_\_

**Signed:** \_\_\_\_\_

**Title:** \_\_\_\_\_