



Georgetown County, South Carolina

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ADDENDUM #2 TO BID #22-088

BID NUMBER: 22-088

ISSUE DATE: Friday, January 6, 2023

(REVISED) Opening Date: Wednesday, January 18, 2023 Opening Time: 3:30 PM ET

Voluntary Pre-Bid Conference & Site Inspection: Friday, December 9 at 10:00 AM ET
[COMPLETED]

PROCUREMENT FOR: Town of Andrews Drainage Improvements-Phase 2

This addendum will amend **Bid #22-088, Town of Andrews Drainage Improvements-Phase 2** originally issued on Tuesday, November 22, 2022. 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.

Question 1: Regarding line item #7 – Fill Existing Outfall Ditch – 1,300 CY; is this quantity only to fill in the existing ditch on C4-01 to C4-04 or does this also include the ditches to be filled in other locations of the project?

Response: Yes, the 1,300 CY only includes the fill material for the existing outfall ditch between West Myrtle Rd. and I-521 Bypass.

Question 2: 12” RCP is shown for 5 crosslines under the new access road, but there is not a pay item for 12” pipe. How will this be paid for? Also, local RCP manufacturers do not readily have 12” pipe available. Could this be converted to 15” RCP?

Response: A line item for the 12” RCP has been added to the Unit Price Schedule. See item # 27. Yes, 15” RCP can be used in place of the 12” RCP.

Question 3: The bid quantity for 18” RCP doesn’t appear to include the three legs of pipe on C4-01. Please confirm this quantity.

Response: The LF for the 18” RCP has been updated to 527 LF. See the updated Unit Price Schedule.

Question 4: Please provide dimensions for the extent of rip rap outfalls at the headwall and the ditches that get diverted into the new canal. There are only details provided for the outfalls at pipe ends.

Response: A riprap outlet protection detail for the headwall has been added to plan sheet C3-01.

Question 5: Plan sheets C4-06 & C4-07 have notes to upsize the first four runs of 60” RCP to 72” and to revise the associated structures under “Bid Option #1”. There is not a bid form associated with this. Please clarify how this is to be bid.

Response: This option has been removed from the scope. The “Bid Option #1” notes removed from plan sheets C4-06 and C4-07.

Question 6: Regarding pay items 58-61; these utilities are typically relocated by the respective providers. Will these items be for the contractor to coordinate this work with the providers?

Response: Water and Wastewater pipe conflicts will be the responsibility of the Contractor. Georgetown County will coordinate with Duke Energy the power poles that need relocation. Any power poles that remain and held in place will be the responsibility of the contractor to coordinate with Duke Energy. See the attached Duke relocation proposal. Data ,Fiber, etc. will be paid for by Georgetown County. The contractor will be responsible for coordination.

Question 7: Does the acreage for pay item #5 Selected Clearing and Grubbing & Tree Removal include the area where the 60” pipe will be laid behind from W. Hemlock to W. Alder or is this only for the new easement at the location of the new canal and access road?

Response: This acreage was for the entire project limits.

Question 8: What happens if we encounter Limestone Rock in the trench and/or ditch excavation? Will this condition be considered as a change order once the scope and extent is more defined?

Response: **Yes, a change order would be accepted.**

Question 9: Is there any Buy American or AIS requirements for the project?

Response: **No.**

Question 10: On Demo Sheet 35+97 to 41+33 (Sheet 8) - Sheet says Demo 442' 18" RCP but only measures 42'. Is this a typo?

Response: **Yes, the demo note was a typo and has been updated. See plan sheet C2-08.**

Question 11: On the Myrtle add (Demo) - C-205 - Plan set says to demo 40" MCP coming along Myrtle street as well as demo existing box. If Myrtle add is not taken then this 40" MCP will need to be tied into box N-L020. We will need detail on this.

Response: **If the West Myrtle Bid Option 1 is removed from the project scope, the proposed storm pipe P-I010 will be installed through the headwall and into proposed junction box N-I010. Connect the existing 24" RCP (P-X045) into junction box N-L020. The existing 40" CMP to be connected to the proposed box N -I010, and the remaining existing storm pipe to the East along W. Myrtle will remain in place.**

Question 12: For all sewer and water conflicts is it the sole responsibility of the contractor to remove/replace/test? For affected fire hydrants who assumes responsibility for these fire hydrants not being operational during the rerouting?

Response: **Yes, the water and sewer conflicts will be the sole responsibility of the contractor. The contractor shall coordinate with the Town and notify the Fire Department of any outages.**

Question 13: Since 12" RCP is not currently made will this be adjusted to HDPE?

Response: **In leu of the 12" RCP, 15" RCP can be used.**

Question 14: With no soil report provided, is the contractor to assume entire pipe excavation to be unsuitable? For compaction testing of pipe bedding, how many tests/LF pipe is required for bedding?

Response: Yes, the contractor may assume that the entire pipe excavation is unsuitable material. Refer to SCDOT Specifications SC-M-714.

Question 15: Is there a CAD file that we can use for further takeoff of Sewer/Water/Undercut?

Response: CAD files of the proposed work and survey can be generated for specific project areas upon request.

Question 16: Steel plate coverage for affected pipe excavation areas overnight?

Response: Pipe trenches must be backfilled and covered with a steel plate before work is stopped and left overnight. See SCDOT Specifications.

Question 17: All power poles to be relocated by Duke Energy? Of affiliated power company? Paid by City?

Response: Yes, any power pole that requires relocation will be completed by Duke Energy and paid for by the County. Power Poles that can remain and held in place will be coordinated between the Contractor and Duke Energy. A copy of the most recent Duke Energy pole relocation plan has been provided for reference.

Question 18: All Gas lines to be relocated by Gas Supplier? Paid by City?

Response: Correct. Not the responsibility of the contractor.

Question 19: Will domestic water line relocations be subject to bact. testing, pressure and chlorination testing?

Response: Tests are required for any waterline repair/relocate over 50'. That includes pressure testing, chlorination, flushing and Bac T sampling. Anything less than 50', flush very well thru a hydrant or flushing device and put back into service. Coordinate with Town of Andrews Water and Sewer.

Question 20: Will re-routed fire lines be subjected to pressure testing? If so who provides third party to witness?

Response: Yes, refer to the NFPA code. The third-party inspector on site would be Terracon.

Question 21: Have all residents been notified of the subject work and homeowners that have existing structures that are in need of moving been notified?

Response: Before removal or replacement of existing structures, the contractor shall coordinate with homeowner prior to commencement of work.

Question 22: What is the thickness of Gravel Access Road? Detail does not show.

Response: The proposed access road will consist of a slag base course. For bidding purposes , 3” slag base course should be assumed. 2” slag base course is acceptable if confirmed by geotechnical report provided by contractor. See the section slag pavement section detail on plan sheet C7-00.

Question 23: Side Tapers of Gravel Access Road- Is this gravel as well. If so what is thickness?

Response: Yes, the side tapers shall be slag. A 3” slag base course should be assumed. 2” slag base course is acceptable if confirmed by geotechnical report provided by contractor.

Question 24: Can we dig a couple of test holes so we can examine the existing soil conditions, since there is no soils report and limestone soil could likely be encountered by our excavations?

The 2 places we would like to dig would be Site 1 - where the outfall ditch meets Myrtle Road on the south side, where the area has recently been cleared and Site # 2- located behind the EMS (Old High School Building) adjacent to Cottonwood Street. We will call in “Locates” for both locations.

Response: Site 1 is acceptable as long as the test samples are taken outside of the delineated wetland limits identified in the plans between West Myrtle and the I-521 Bypass . Notify Georgetown County prior to completing the work.

Site 2 is acceptable, but notify Georgetown County prior to completing the work.

Question 25: Do you anticipate needing to undercut for the gravel road?

Response: Yes.

Question 26: Note 2 “No Geotechnical Report” contractor to assume 12 inches of undercutting and backfill to bring to grade. I am assuming the cost associated with this should be in bid item 6, and 76?

Response: Yes.

Question 27: Does Georgetown County have the complete quantity of pipe for bid items 23-28?

Response: Refer to bid items 23-29 on the updated Unit Price Schedule for LF of pipe including Options 1 and 2.

Question 28: Will the county be responsible for the pipe delivery coordination?

Response: No. The contractor will be responsible for coordinating the delivery and unloading of pipe.

Question 29: Please provide a detail for the wood fence replacement.

Response: Any existing fence removed shall be replaced in like kind and coordinated with property owner.

Question 30: Please provide any and all information with regards to bid item 73 (shot drawings). Please include any and all electrical feed locations.

Response: To be determined.

Question 31: Please provide the temporary location of the Town of Andrews Rec Center Sign during construction.

Response: Any suggestions? Is a temporary sign required?
Yes. The temporary sign to be placed near the existing sign location but outside of the construction area.

Question 32: Will any gates be needed for the 820 LF of fence relocation?

Response: No additional gates are required. Any fence gate that currently exists and removed is required to be replaced.

Question 33: Is there a material specification for the slag base course?

Response: Yes, see table below.

Sieve Designation	Percentage by Weight Passing
2"	100
1 1/2"	95-100
1"	70-100
1/2"	48-75
No. 4	30-50
No. 30	11-30
No. 200	0-12
Liquid Limit	25 Max
Plasticity Index	6 Max

Question 34: Currently 12" RCP is not being manufactured, what do you want in substitution?

Response: In leu of the 12" RCP, 15" RCP can be used.

Question 35: Bid Option 2, do you want the unloading of the pipe to be included with the material bid price?

Response: Yes.

Question 36: Will a temporary office facility be required for the Georgetown County oversite staff?

Response: No.

Question 37: If we are to coordinate only with the various utility relocations, what are bid items 58-61 for?

Response: Water and Wastewater pipe conflicts will be the responsibility of the Contractor. Georgetown County will coordinate with Duke Energy the power poles that need relocation. Any power poles that remain and held in

place will be the responsibility of the contractor to coordinate with Duke Energy. See the attached Duke relocation proposal. Data ,Fiber, etc. will be paid for by Georgetown County. The contractor will be responsible for coordination.

Question 38: Please provide any and all information with regards to bid item 73. Please include any and all electrical feed locations.

Response: **To be determined.**

Question 39: Please provide the locations where you anticipate the need to replace landscaping.

Response: **Landscaping to be replaced is shown at the corner of S. Cedar Ave. and Martin Luther King Dr. Any landscaping that is damaged during construction shall be replaced shall be of a similar or like kind, but not necessarily of the same size or maturity.**

Question 40: Please provide a dewatering detail.

Response: **The dewatering method will be the responsibility of the contractor.**

Question 41: There is a detail for tree protection, are the locations identified on the bid documents?

Response: **The locations of trees to be protected have not been identified in the bid documents. Any existing trees discovered within the limits of disturbance shall be protected as required by the tree protection detail.**

Question 42: Will the county be responsible for the pipe delivery coordination?

Response: **No, the pipe delivery coordination will be the responsibility of the contractor.**

Question 43: Who is responsible for any pre-existing damages to the County Owned Pipe?

Response: **Any damage occurred by contractor is the contractor's responsibility. Any existing pipes discovered to be damaged will need to be recorded and reported the County.**

Question 44: Please review the provided quantity for the 18" RCP.

Response: The unit price schedule has been updated for the LF or 18" RCP.

Question 45: If applicable, will there be a specification for the import fill material?

Response: Import fill material shall meet the minimum requirements identified on General Notes plan sheet C0-01 and Specification Section No. 02105.

Question 46: Which bid item will the raised pavement marker be paid under?

Response: Thermoplastic Pavement Markings (LS).

Question 47: There is a detail for concrete pavement, will the project need this? If so, please provide the locations and bid item associated with this work.

Response: The Concrete Pavement detail is to be used with the Concrete Driveway replacement. See the updated Unit Price Schedule.

Question 48: Will underdrain be required for the project? If so, what size and what type of materials will be required for the backfill # 57 stone or concrete sand?

Response: No underdrains will be required.

Question 49: Can pipe runs P-I010 and P-L020 be separated so that a standard headwall can be installed for each?

Response: No. Pipes P-I010 and P-L020 will both be installed to the same headwall. If the West Myrtle Bid Option 1 is removed from the project scope, the proposed storm pipe P-I010 will be installed through the headwall and into proposed junction box N-I010. Connect the existing 24" RCP (P-X045) into junction box N-L020. The existing 40" CMP to be connected to the proposed box N -I010, and the remaining existing storm pipe to the East along W. Myrtle will remain in place.

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REVISIONS OF RESPONSES FROM ADDENDUM #1

Original Question 5: Is this bid date in stone?

REVISED Response: We will push the bid opening back an additional week to allow vendors to put their bid submittals together. See revised timeline below with revised items highlighted.

Time Line: Invitation for Bid #22-088

Item	Date	Time	Location
Advertised Date of Issue:	Tuesday, November 22, 2022	n/a	n/a
Pre-Bid Conference & Site Inspection:	Voluntary-Friday, December 9, 2022	10:00 AM ET	ON SITE†
Deadline for Questions:	Wednesday, December 28, 2022	2:30PM ET	n/a
(REVISED) Bid Delivery Cut-Off Time:	Wednesday, January 18, 2023	3:30PM ET	Electronic
(REVISED) Bid Opening and Tabulation:	Wednesday, January 18, 2023	3:30PM ET	Hybrid*

Original Question 14: Can the excavated dirt be used to fill in trenches or do we need to import?

REVISED Response: Excavated soil may be used for trenches outside of roadway and as long as seed can grow. See temporary and permanent seeding schedules on plan sheet C3-01 and seeding specified in SCDOT Technical Specification SC-M-810.

Original Question 20: Is there any time during the day that we are not allowed to work? Weekends not a problem?

REVISED Response: Appropriate working times will need to be confirmed with the Town of Andrews.

Original Question 28: What is location to pick up RCP in items 22?

REVISED Response: Contractor will be responsible for offloading pipe if pipe is purchased by the County. Areas #2 and #3 are available. Area #1 is privately owned and must be negotiated by the Contractor.

Original Question 31: Can we assume all rerouting of the water and sewer lines can be done during the daytime hours between 7 AM – 6 PM?

REVISED Response: Yes, Contractor to assume that rerouting of water and sewer lines can be done during business hours for the Town of Andrews Public Works. Contractor to confirm hours with the Town and shall notify the Town and Fire Department of outages.

Original Question 42: At the Pre-Bid, it was stated that the contractor was not responsible for any of the costs except for the coordination of the required reroutes of the telephone, cable, data, gas, electrical, and other such lines. Is that correct?

REVISED Response: Water and Wastewater pipe conflicts will be the responsibility of the Contractor. Georgetown County will coordinate with Duke Energy the power poles that need relocation. Any power poles that remain and held in place will be the responsibility of the Contractor to coordinate with Duke Energy. See the attached Duke relocation proposal. Data, Fiber, etc. will be paid for by Georgetown County. The Contractor will be responsible for coordination.

Original Question 43: Are there any details for the canopy shed and concrete pad listed for the Bid Item No. 69?

REVISED Response: See Plan Sheet C4-16. The plans have been updated to avoid the canopy/shed. All utilities and structures to remain. However, the Contractor to notify engineer of any conflicts. Bid Item No. 69 has been removed from the unit price schedule.

EXHIBIT G

UNIT PRICE SCHEDULE-REVISED 1/6/2023 **MANDATORY BID SUBMISSION FORM**

BID # 22-088, TOWN OF ANDREWS DRAINAGE IMPROVEMENTS-PHASE 2

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	Total Cost
1	Mobilization / General Conditions	LS	1	\$	
2	Construction Stakes, Lines & Grades	EA	1	\$	
3	Staging with Restricted Access, Hydroseed Demobilization	EA	1	\$	
4	Traffic Control	LS	1	\$	
5	Selected Clearing And Grubbing Including Tree Removal	AC	4.9	\$	
6	Removal and Disposal Existing Pavement	SY	2,418	\$	
7	Fill Ex. Outfall Ditch	CY	1,300	\$	
8	Demolishing Existing Catch Basins	EA	9	\$	

Item	Description	Unit	Quantity	Unit Price	Total Cost
9	Demolishing Existing 15" RCP	LF	59	\$	
10	Demolishing Existing 18" RCP	LF	1,466	\$	
11	Demolishing Existing 24" RCP	LF	15	\$	
12	Demolishing Existing 40" CMP	LF	190	\$	
13	Remove and Replace 36" RCP	LF	27	\$	
14	Removal and Disposal Existing Concrete	SY	100	\$	
15	Replace Roll Curb	LF	40	\$	
16	Rip-Rap Outlet Protection	TON	200	\$	
17	Permanent Cover	AC	12.6	\$	
18	Silt Fence	LF	8067	\$	
19	Inlet Structure Protection - Type A	EA	36	\$	
20	Sediment Tubes	EA	1	\$	
21	Rock Check Dam	EA	7	\$	
22	Unload and Take Ownership of Drainage Pipe (36", 48", 60", 72" RCP)	LS	1	\$	
23	36" RCP - Installation Only	LF	1164	\$	
24	48" RCP - Installation Only	LF	472	\$	
25	60" RCP - Installation Only	LF	2480	\$	
26	72" RCP - Installation Only	LF	600	\$	
27	12" RCP – Pipe and Installation	LF	184	\$	
28	18" RCP – Pipe and Installation	LF	527	\$	
29	24" RCP – Pipe and Installation	LF	6	\$	
30	Standard 3' X 3' Box DI	EA	5	\$	
31	Standard 4' X 4' Conflict Box	EA	1	\$	
32	Standard 4' X 4' Box DI	EA	2	\$	
33	Standard 5' X 5' Conflict Box	EA	1	\$	
34	Standard 5' X 5' Box DI	EA	7	\$	
35	3' X 6' X 5' Box DI	EA	3	\$	
36	4' X 6' X 5' Box DI	EA	1	\$	
37	Two Tier Eccentric. Manhole DI (6' Dia)	EA	2	\$	
38	Two Tier Eccentric. Manhole JN (8' Dia)	EA	1	\$	
39	Two Tier Eccentric. Manhole DI Conflict (8' Dia)	EA	2	\$	
40	Two Tier Eccentric. Manhole DI (8' Dia)	EA	6	\$	
41	Two Tier Eccentric. Manhole T9 (8' Dia)	EA	3	\$	

Item	Description	Unit	Quantity	Unit Price	Total Cost
42	Two Tier Eccentric. Manhole JN (10' Dia)	EA	1	\$	
43	Two Tier Eccentric. Manhole DI Conflict (10' Dia)	EA	1	\$	
44	Two Tier Eccentric. Manhole DI (10' Dia)	EA	3	\$	
45	Two Tier Eccentric. Manhole T9 (10' Dia)	EA	1	\$	
46	Ditch/Access Road Earthwork Excavation	CY	21, 500	\$	
47	Headwall With Wingwalls	EA	1	\$	
48	Sc-150 Erosion Control Matting	SY	10,000	\$	
49	Extend Existing 12" RCP to Proposed Drop Inlet	EA	1	\$	
50	Proposed To Existing Connection - 18" RCP To Drainage Structure	EA	3	\$	
51	Remove And Replace Existing Drainage Structure	EA	1	\$	
52	18" Flared End Section	EA	1	\$	
53	Dewatering	LS	1	\$	
54	Water Main Relocation	EA	9	\$	
55	Water Service Relocations	EA	3	\$	
56	Water Appurtenance Relocations	LS	1	\$	
57	Sewer Force Main Relocation	LS	1	\$	
58	Sewer Service Relocations	EA	4	\$	
59	Communication Pole Relocation (Frontier Communication)	EA	1	\$	
60	SUE Level A at Cedar and MLK	EA	5	\$	
61	Telecom Relocation	EA	5	\$	
62	Underground Gas Main Relocation	EA	7	\$	
63	Roadway - Full Depth Replacement	SY	1,282	\$	
64	Roadway - 2" Mill And Overlay	SY	1,136	\$	
65	Stop Sign	EA	3	\$	
66	Thermoplastic Pavement Markings	LS	1	\$	
67	Concrete Driveway(6" Uniform)	SY	100	\$	
68	Concrete Sidewalk(4" Uniform)	SY	6	\$	
69	Slag Pavement Access Road	SY	3,470	\$	
70	72" Chain Link Fence Replacement	LF	820	\$	

Item	Description	Unit	Quantity	Unit Price	Total Cost
71	Chain Link Fence Demo	LF	419	\$	
72	Wood Fence Replacement	LF	255	\$	
73	Replace Landscaping	LS	1	\$	
74	Town Of Andrews Rec. Center Sign Relocation	LS	1	\$	
75	Allowance: Pipe Bedding Compaction (Density) Testing				\$ 12,000.00
76	Allowance: Asphalt Testing				\$ 6,000.00
Bid Option 1 – Myrtle Road Improvements					
77	Removal & Disposal Of Existing Pavement	SY	94	\$	
78	Demolishing Existing Catch Basins	EA	4	\$	
79	Demolishing Existing 15" RCP	LF	20	\$	
80	Demolishing Existing 18" RCP	LF	10	\$	
81	Demolishing Existing 18" CMP	LF	18	\$	
82	Demolishing Existing 40" CMP	LF	683	\$	
83	Removal & Disposal Of Existing Concrete Sidewalk	SY	383	\$	
84	Permanent Cover	ACRE	0.6	\$	
85	Silt Fence	LF	1,093	\$	
86	Inlet Structure Protection - Type A	EA	8	\$	
87	15" RCP (M315 Profile Gasket)	LF	19	\$	
88	18" RCP (M315 Profile Gasket)	LF	52	\$	
89	36" RCP (M315 Profile Gasket)	LF	699	\$	
90	Standard 3' X 3' Box DI	EA	2	\$	
91	Two Tier Eccentric. Manhole Jn (6' Dia)	EA	7	\$	
92	Ex. Drop Inlet Remediation	EA	1	\$	
93	Sewer Main Relocation	EA	1	\$	
94	Sewer Force Main Relocation	LS	1	\$	
95	Roadway - Full Depth Replacement	SY	94	\$	
96	Concrete Sidewalk(4" Uniform)	SY	420	\$	
97	72" Chain Link Fence Replacement	LF	370	\$	
98	ADA Detectable Warning	EA	2	\$	
Bid Option 2 – Pipe Materials					
99	36” RCP	LF	1164	\$	
100	48” RCP	LF	472	\$	

Item	Description	Unit	Quantity	Unit Price	Total Cost
101	60" RCP	LF	2480	\$	
102	72" RCP	LF	600	\$	

Total Base Bid for Construction (Items 1-76) = \$_____

Total Bid for Option 1 (Items 77-98) = \$_____

Total Bid for Option 2 (Items 99-102) = \$_____

Total Bid for Construction Including Option 1 + Option 2 = \$_____

Bidder/Proposer:_____

Signature:_____

Title:_____

Dated:_____

END OF EXHIBIT G

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