

CITY OF GEORGETOWN, SOUTH CAROLINA  
WTP FLOC/SED BASIN NO. 2  
**ADDENDUM NO. 2**  
EDA # 04-79-07777  
COG PROJECT # 1606  
April 20, 2023

TO ALL BIDDERS:

This Addendum forms a part of the Contract Documents and modifies the Bidding Documents dated March 2023 all previous Addenda.

Acknowledge receipt of this Addendum in the space provided in the Bid Form. Failure to do so may disqualify the Bidder.

Below are changes, additions, and clarifications (questions/answers) to the bid documents for this project.

SPECIFICATIONS

SECTION 00 80 00, SUPPLEMENTARY CONDITIONS, PAGE 00 80 00-1, ITEM 3. PROJECT SCHEDULE OF EVENTS

Change: Construction Notice to Proceed (Tentative) May 8, 2023

To: Construction Notice to Proceed (Tentative) June 5, 2023

SECTION 03 11 00, STRUCTURAL CONCRETE FORMWORK, Paragraph 1.3 DESIGN A. and Paragraph 3.1 INSTALLATION A.

Change: Section 03300

To: Section 03 30 00

SECTION 03 30 00, CAST-IN-PLACE STRUCTURAL CONCRETE, Paragraph 3.1 PREPARATION FOR PLACING B. FOUNDATIONS 3.

Change: Section 02315

To: Section 31 20 00

SECTION 03 30 00, CAST-IN-PLACE STRUCTURAL CONCRETE, Paragraph 3.8 FINISHING FORMED SURFACES A. AND B.

Change: Section 03100

To: Section 03 11 00

SECTION 03 30 00, CAST-IN-PLACE STRUCTURAL CONCRETE, Paragraph 3.8 FINISHING FORMED SURFACES B.

CITY OF GEORGETOWN, SOUTH CAROLINA  
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**ADDENDUM NO. 2**  
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Change: Class B Finish: All finish formed surfaces on the project shall require a Class B finish.

To: Class B Finish: Finishing of formed concrete surfaces that are exposed shall receive a Class B finish, including exterior walls and inside walls of the basin to 2-feet below the normal water level. All formed surfaces shall be repaired for surface defects and holes from form ties reamed and filled as specified herein.

SECTION 03 30 00, CAST-IN-PLACE STRUCTURAL CONCRETE, Paragraph 3.8 FINISHING FORMED SURFACES C.

Delete Paragraph C. Architectural and Special Finishes in its entirety.

SECTION 46 43 76, INCLINED PLATE SETTLERS AND HOSELESS SLUDGE REMOVAL SYSTEM, PAGE 46 43 76-3, Paragraph 2.1, INCLINED PLATE SETTLERS, A. 3. Plate Settler Design

Change: Effective plate loading, gpm/sf 0.2 (at design flow)

To: Effective plate loading, gpm/sf 0.3 (at design flow)  
Efficiency factor, % 80 (at design flow)  
Minimum Plate Length, feet 9.5 (at design flow)

**DRAWINGS**

DRAWING EN-3, S.S. HOSE REEL DETAIL

Add the following Note: Hose Reels shall be equal to Hannay with min. 100 feet of 1.5-inch hose and reel with manual rewind (crank).

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April 20, 2023

**QUESTIONS AND ANSWERS**

Responses to Questions received are being provided for informational purposes only and will not be considered as part of the Contract Documents.

- Q1: Will the City of Georgetown (City, OWNER) provide a contact for licensing and what permits does the contractor need to obtain prior to beginning work?
- A1: The City's Finance Department provides licensure, and the Application for Business and Professional License can be found on the City's website. The City's website provides contact information for each department.  
City Building Permits are required and shall be obtained by the General Contractor. Building Permit application and fee schedule can be found on the City's website, along with contact information for the Planning & Community Development Department.  
A master permit will need to be obtained by the General Contractor first, and then followed by the electrical and mechanical permits. The documents submitted for plan review shall include a statement of special inspections.  
The City has obtained SCDHEC and OCRM Permits which are included in the Appendix of the Contract Documents.
- Q2: Will there be special inspections associated with any of the work, in particular, the piling and foundation construction?
- A2: Yes, special inspections will be performed for the piling and structural concrete work associated with the Flocculation/Sedimentation Basin No. 2 under a Cash Allowance identified in the Bid Form.
- Q3: Will the City release the budget for the project?
- A3: The approved EDA grant budget is \$4,255,000. The City is coordinating with EDA and may obtain additional grant budget for the project.
- Q4: Can the contract duration of 360 days be extended to account for the long lead time items like ductile iron pipe?
- A4: At this time the contract cannot be extended due to the EDA grant scheduling requirements. Should the Contractor demonstrate that material long-lead items impact the critical path schedule, the Engineer and Owner will consider a time extension in accordance with the contract documents. Alternative materials and substitutions will be considered after bidding with the selected Contractor on a case-by-case basis in accordance with the contract documents. Contract time extensions or changes to the contract documents will require Engineer, Owner and EDA review and approval.
- Q5: For Floc/Sed. Basin No. 2 tie-ins, can connections be done within a 12-hour window and will bypass pumping be needed?

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April 20, 2023

- A5: Refer to Specifications Section 01 11 00 Project Requirements which addresses modifications and connections to existing piping. With advance notice and coordination with the OWNER and ENGINEER, the WTP can be interrupted to perform connections to existing piping. Contractor is responsible for the means and methods to perform tie-ins, but the intent is to perform these connections while the WTP is interrupted at night for a 12-hour or less timeframe without the need for bypass pumping.
- Q6: Will SINAK LithiumCure 1000 be accepted as a substitute curing agent for the WTP Floc/Sed Basin No. 2?
- A6: To be considered as an acceptable curing agent, products must meet the Specifications Section 03 30 00 Cast-in-Place Structural Concrete, Article 2.4 B., which states that "Membrane-Forming curing compound shall conform to ASTM C309, Type 1-D or 2,..."
- Q7: Can you tell me if the prequalification for the first bid still applies to this time?
- A7: No. Refer to the Specifications Section 00 10 00 INFORMATION FOR BIDDERS and Section 01 20 00 CONTRACTOR/SUB CONTRACTOR QUALIFICATIONS.
- Q8: According to Core & Main, U.S. Pipe is currently showing a 9-12 Month Lead Time on the Ductile Iron Pipe. Please advise if there are any alternatives that can be used. If not, can the date of project commencement be pushed out to reflect the 9-12 month lead time on Pipe?
- A8: Substitutions or variations that include alternative materials will be reviewed and considered with the selected contractor after bidding and award, and in accordance with the contract documents. Requests to extend the contract time or postpone the Notice To Proceed date will be considered with the selected contractor after bidding and award, and in accordance with the contract documents.
- Q9: Can the precast, pre-stressed concrete piles be replaced with grouted helical piles?
- A9: The required design loading is specified in the Drawings on Sheet S-1, GENERAL NOTES. Substitutions or variations will be reviewed and considered in accordance with the contract documents. Sealed calculations for the proposed alternate method must be submitted for our the Owner and Engineer's review and consideration. The piles must provide the 60 ton allowable vertical capacity, and also provide an allowable lateral load capacity of 10 kips/pile with an allowable 500 in-kip bending moment.
- Q10: Can an allowance be made for the building permits?
- A10: No. The cost for building permits shall be included in the contractor's lump sum bid. Refer to Question 1 for information on building permits.
- Q11: Bid Form: The piling alternates have an add/deduct for pilings. Can these be stand alone alternates? It was discussed that the low bid can be chosen on base bid and/or alternates. It seems having stand alone alternates would eliminate the ambiguity.

CITY OF GEORGETOWN, SOUTH CAROLINA  
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**ADDENDUM NO. 2**  
EDA # 04-79-07777  
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April 20, 2023

- A11: Refer to Specifications Section 00 10 00 INFORMATION FOR BIDDERS, Page 00 10 00-5, Item 15. METHOD OF AWARD – LOWEST QUALIFIED BIDDER.
- Q12: The demolished RW Meter vault and Sludge Valve Pit shows piping plan north of the vault getting demolished but there seems to be no detail of what happens to the existing pipe not demolished. Does it get capped or simply abandoned in place. During the prebid this pipe was said to end in the location shown on the drawings.
- A12: Refer to the Drawings, Specification Section 02 20 00 INFORMATION AVAILABLE TO BIDDERS, and existing record drawings (2001 and 1972) that are posted on the City's webpage.
- Q13: During the prebid meeting, shutdowns for tie-ins were discussed and it was said that 12 hour plant shutdowns can be allowed for tie-ins. Please confirm.
- A13: A 12 hour plant shutdown may be allowed by the Owner and must be coordinated and approved in advance in accordance with the contract documents, including Specification Section 01 11 00 PROJECT REQUIREMENTS.
- Q14: It was discussed at the prebid to have discussions with the Integration sub being in everyone best interest. We would like to discuss items such as schedule duration, deliveries, sales taxes, missing scope so we can provide a complete accurate price for the project. Is this communication allowed?
- A14: Yes. The Control Panel and SCADA Modifications shall be provided by McKim & Creed under an Allowance as specified in the contract documents. McKim & Creed will be a subconsultant of Contractor who is awarded the project, and communication/coordination with subconsultants is the Contractor's responsibility.
- Q15: Is there a pile cap connection detail for tying in the pile caps to the cast-in-place concrete?
- A15: Piles are simply embedded in the bottom of the pile cap. There is no requirement for tension anchorage.
- Q16: Spec 03 11 00, the design spec references a spec section that doesn't seem to be in the spec.
- A16: See Addendum No. 2.
- Q17: 03 30 00 p.1, There is a mock wall and mock slab spec. Please clarify if this is required for the project.
- A17: Specification Section 03 30 00, Page 1, Paragraph 1.4. B. requires a sample panel which sets the standard acceptance for the Class A and Class B formed finish. This is only required for Class A and/or Class B finished work on the project. Similarly, the mock slab panel is to demonstrate slabs with special slab finishes. The walls of the Floc/Sed Basin No. 2 are Class B finish.
- Q18: 03 30 00 p.23, Paragraph 3.8 references a spec section 03100 and 033300 but doesn't seem to be in the spec. Please provide.
- A18: See Addendum No. 2.

CITY OF GEORGETOWN, SOUTH CAROLINA  
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**ADDENDUM NO. 2**  
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COG PROJECT # 1606  
April 20, 2023

- Q19: 03 30 00 p.23, It appears that all concrete finishes will receive and point, patch, and grinded seams (Class B). Please clarify the type of finish required for exposed concrete and limits of finish within the tank such as 1' below the normal water level.
- A19: Finishing of formed concrete surfaces that are exposed shall receive a Class B finish, including exterior walls and inside walls of the basin to 2-feet below the normal water level. Refer to Specification Section 03 30 00 and Addendum No. 2.
- Q20: 03 50 00 How much time should the contractor anticipate downtime after the test pile is installed before being notified to proceed with piling?
- A20: See Specification Section 03 50 00, which states that Submittals to the Engineer shall conform to Specification Section 01 34 00. Timing for Engineer and/or third party review of Submittals is provided in Section 01 34 00 (maximum amount of time for planning purposes; may be able to reduce that turnaround time).
- Q21: Drawing S4 Detail F/S1, What is the expected tie in conditions at each end of the water stops shown above and below the 1'-6" elevated slab? What is it to tie into?
- A21: For the trough slab at the left end of Section A/S-4, the Drawings show casting the trough slab over a lower wall/haunch section. The horizontal waterstops should extend and tie into a vertical waterstop at a vertical construction joint. Casting the slab with a vertical construction joint on the exterior face of the 2'-8" wall with formsaver dowels through the wall forms for the slab, end wall and haunch reinforcement may be acceptable. Alternatives will be reviewed and discussed between the Owner, Engineer and Contractor after bidding and award.
- Q22: Is stone required under the main floc/sed basin foundation slab? If so please advise depth of stone required.
- A22: Stone under the basin is utilized as a working surface during construction. See Addendum No. 2.
- Q23: Please advise how much time the Engineer will need after the test pile is complete to confirm the remaining piling requirements/design?
- A23: See response to Question 20.
- Q24: Ductile iron pipe deliveries are being said to be 52 weeks after release for 4"-12". Being that all underslab pipe is in this size range, will the contract time or a readily available pipe material alternative be negotiated after the bid?
- A24: See response to Question 8.
- Q25: Spec 01 28 00 says Contractor to include the applicable sales tax on the allowance items. Please advise what portion of the allowance(s) is taxable?
- A25: Sales tax is imposed on the sale of goods and certain services by the South Carolina Department of Revenue (SCDOR). For more information, contact SCDOR or review sales tax requirements on the SCDOR website <https://dor.sc.gov/tax/sales/faq>.

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- Q26: Please confirm if the building permit is to be paid for by Contractor.  
A26: Yes, refer to the response to Question 1 and Specification Section 01 06 10.
- Q27: Please confirm yard piping is push joint except at fittings and one joint either side of fittings and/or valves.  
A27: Refer to the Drawings including Sheet C-01 Notes.
- Q28: What bid item should the demolition work be included? Would you consider revising the bid form to include a separate line item for demolition/removal work?  
A28: The bid items were set by the Owner to provide a breakdown of the total lump sum base bid. The bidder should include demolition/removal work in the item(s) which most closely pertains to that work.
- Q29: Please provide a spec for the 1-1/2" stainless steel hose reels. If hose is also to be provided for these please advise type, length, end connections, etc.  
A29: See Addendum No. 2
- Q30: Please advise what type PVC pipe is expected for the 15" storm drain lines.  
A30: Refer to Specification Section 40 27 26 PLASTIC PIPE AND FITTINGS, Article 2.1 POLYVINYL CHLORIDE (PVC) GRAVITY PIPE.

END OF QUESTIONS AND ANSWERS

**W. K. Dickson & Co., Inc.**  
SC Certificate of Authorization No. C00177

SEAL



William H. Young, PE  
Project Manager

**Bidder Must Acknowledge Receipt of this Addendum on Bid Form**

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