



CITY OF ATLANTA

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DEPARTMENT OF PROCUREMENT
David L. Wilson II
Chief Procurement Officer

March 25, 2020

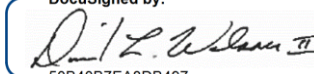
Dear Potential Bidders:

Re: IFB-C, 1200270, Chattahoochee River Intake Pump Station

Attached is one (1) copy of **Addendum Number 5 (five)**, which is hereby made a part of the above-referenced project.

For additional information, please contact Ms. Janett Adams, Contract Specialist, at (404) 865-8757 or by email at jladams@atlantaga.gov.

Sincerely,

DocuSigned by:

50B40B7EA8DB497...
David L. Wilson II

DLW/jla

Enclosure

IFB-C, 1200270
Chattahoochee River Intake Pump Station
Addendum No. 5
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ADDENDUM NO. 5

This Addendum No. 5 forms a part of the Invitation to Bid and modifies the original solicitation package and any prior Addenda as noted below and is issued to incorporate the following:

1. **Addition No.1:** Questions 1 through 112 submitted during the question period along with Answers from the City of Atlanta. Please see enclosure titled "Questions for IFB-C 1200270 Chattahoochee River Intake Pump Station".
2. **Revisions 8-52:** Please see enclosure titled "IFB-C, 1200270, Chattahoochee RIPS Addendum No. 5 Summary of Changes", which outlines all changes made via Addendum No. 5. All sections of IFB-C 12000270 that have changes are **highlighted in yellow** in ATL Cloud.

All questions and inquiries concerning this project should be directed in writing to Janett Adams, Contract Specialist, Department of Procurement, 55 Trinity Avenue, S.W., City Hall South, Suite 1900, Atlanta, Georgia 30303 or questions may be e-mailed to jladams@atlantaga.gov.

The Bid due date has not been modified and Bids remain due on Friday, April 17, 2020, and should be time stamped into the system no later than 2:00 P.M., EDT.

****All other pertinent information remains unchanged****



Questions and Answers for
IFB-C 1200270

CHATTAHOOCHEE RIVER INTAKE PUMP STATION

ADDENDUM NO. 5

Questions Submitted for IFB-C 1200270 with Answers Chattahoochee River Intake Pump Station

1. Confirm the M/FBE Goals for this project as outlined in the OCC provided in the bid documents will be measured against Bid Item No. 1 Base Bid only and not against the Allowances and Optional Adders? If the Allowances and Optional Adders are issued during the contract do the M/FBE Goals apply?

Answer: Bidders must submit Documentary Efforts of Good Faith Outreach Efforts to meet or exceed the city's diversity & inclusion goals (EBO) outlined in Appendix A of the solicitation documents. Further, bidders are expected to meet or exceed the diversity & inclusion goals (EBO) on their base bid amount. If the city exercises its option to utilize allowances or additive alternates, each bidder will be expected to maintain their diversity & inclusion level of commitment as outlined on their Utilization Plan (EBO-3).

2. Reference Specification Section 09900-3.03 A., where it states "Construct a temporary shed no smaller than 40 feet wide and 60 feet long for field cleaning, including blasting and primer operations." Is a shed for coatings required for this project, if so where can the shed be constructed on-site?

Answer: This sub section has been removed.

3. Reference Drawing C3-002/E5-101 and Specification Section 02663 in regards to the peach tree creek conduit crossing profile which shows an installation of 280 plan LF of parallel 30-inch piping at a 125' radius. The feedback from horizontal direction drilling subcontractors is that this installation is not feasible and that the maximum grade possible is 10%. In order to install the piping beneath the creek the method of construction would be a jack and bore requiring very deep excavation pits. Please provide a detail and specification for jack and bore to construct the creek conduit crossing.

Answer: Please see the revised contract documents.

4. Drawing E5-002 calls for aluminum conduit to be used throughout the project while Specification Section 16111 calls for GRC. Please confirm which should be used.

Answer: All exposed conduits shall be galvanized rigid steel.

5. Please provide conduit and conductors that are needed to be relocated and replaced per notes 2 and 3 as shown on Drawing E5-010.

Answer: Include the following power cables/conduits for the relocated ductbanks:

Questions Submitted for IFB-C 1200270 with Answers Chattahoochee River Intake Pump Station

- Existing Lab Building panelboard to the Garage area electrical loads: 3/C #4/0 and 1 #4 ground in 2" conduit and one 2" spare conduit.
 - Existing Lab building to existing Gate: 3/C #6 and 1 #10 ground in 1.25", intercom communication cable in 1.25" conduit and one 1.25" spare conduit.
- All other ductbanks shown on E5-010 shall be demolished.
Contractor is still responsible for coordination of the required cables, conduits and connection points with the Owner."

6. Please confirm if MV cables should be pulled for future pump as the single line calls out the wire for 11-PU-006 as shown on Drawing E6-103.

Answer: Contractor shall run empty conduits as shown on ductbank sections DB-R5 and DB-R6 for future pump 11-PU-006. No MV cables shall be pulled for future pump as part of this contract.

7. Please confirm if MV cables should be pulled for future pump as the single line calls out the wire for 11-PU-004 and 11-PU-005 as shown on Drawing E6-104.

Answer: Contractor shall run empty conduits as shown on ductbank sections DB-R5 and DB-R6 for future pumps 11-PU-004 and 11-PU-005. No MV cables shall be pulled for future pumps as part of this contract.

8. Drawing E6-105 shows conductor/conduit schedule 2,5,6 for 1" conduit, while ductbank sections on Drawing E5-001 call for 2" conduit. Please confirm which is correct.

Answer: Exposed conduit run shall be 1", underground ductbank conduit shall be 2".

9. Drawing E7-101 shows fixture schedule B, C, E, and F fixtures that aren't called out on the electrical drawings. Please confirm if they are needed.

Answer: Confirmed – do not include B, C, E & F type fixtures. Only lights shown on the lighting plans shall be used.

10. Drawing EG-002 Details C and D call for 3000 PSI concrete. Specification Section 16110-2.03 calls for ductbanks to be Class E with red oxide. Specification Section 03300-2.03 stipulates Class E is 5,000 PSI. Please confirm the correct PSI.

Answer: 3,000 PSI is adequate for the ductbanks. A Class F has been added to the project specification section 03300-2.03 to address this. Section 16110-2.03 has been updated to reference Class F.

Questions Submitted for IFB-C 1200270 with Answers Chattahoochee River Intake Pump Station

11. Drawing EG-002 Details C and D call for #4/0 bare copper ground conductor, while Specification Section 16119-3.04-E-8 calls for #1/0 bare copper. Please confirm the correct size.

Answer: Run #4/0 bare copper grounding conductor in all concrete encased ductbanks.

12. Reference Drawing A5-111 showing a 3" Metal Deck, does the underside not in contact with the insulation receive any coating/painting?

Answer: Yes, Please use System D for Misc. Metals, Color: Warm Gray M3759 for this area.

13. Upon review of the contract documents, some forms for example Form 3 state FC- then the contract number is supposed to be written in. Please confirm the project ID is IFB-C 1200270. If there are Forms to fill out with FC- shown do we cross it out and write in IFB-C 1200270?

Answer: Yes, confirming the Project ID is IFB-C 1200270. If you see FC you do not need to cross it out; just make sure that you are using the correct Project ID.

14. Reference Statement of Bidder's Qualifications where it states "Bidder's must meet the minimum qualification criteria set forth under items 5, 7, 8, 9, 10 and 11 of this section,..." Items 9, 10 and 11 are not part of the bidding documents, please provide Items 9, 10 and 11.

Answer: See revised Bidder Qualifications.

15. In the Bid Summary Form Bid Items No. 2 thru 8 list Allowance as the Unit of Measure. In Specification Section 01200-1.06, these Items state "An allowance has been established for the value of this item." Should Unit Prices for these Allowances be already written on the Bid Summary Form?

Answer: See revised Bid Form which removes the liner plate tunnel.

16. In the Bid Summary Form Optional Adders section, it lists Adder Option 1 for Bid Item No. 9 and Adder Option 2 for Bid Item No. 10 but doesn't list Adder Options for the remaining Optional Adder Bid Items. Are Bid Items No. 11 and 12 Adder Options 3 and 4?

Answer: See revised Bid form and Specification 01200.

Questions Submitted for IFB-C 1200270 with Answers Chattahoochee River Intake Pump Station

17. Reference Specification Section 03100-3.01 D. Joints where it states "See Specification Section 03250 and Drawings for treatment of joints." This spec section is not part of the bidding documents, please provide this specification.

Answer: Specification section 03250 has been added to the Contract Documents. Section 03251 has also been updated to reference 03250 for Waterstop information.

18. In the Invitation for Bid Item No. 34 Agreement Terms, it states "Contractor shall achieve Substantial Completion and Final Completion of the Services required within the times set forth in the Draft Agreement." The Draft Agreement is not part of the bidding documents, please provide the Draft Agreement.

Answer: The draft agreement is located under Contract Terms in ATL Cloud.

19. On Drawing G-004 General Notes 29 it states "The Contractor shall obtain all permits required except those specifically enumerated below that will be obtained by the Owner." Reference Specification Section 01060-1.01 A. where it states Contractor is responsible for obtaining all permits. Please confirm list of permits shown on Drawing G-004 General Notes 29 will be obtained by the Owner.

Answer: Permits will be paid by the owner through the allowance .

20. On Drawing C4-006 Special Inspection Requirements, is the Owner responsible for special inspection costs for the Retaining Wall as described in Specification Section 01400-1.09 A. Special Tests and Inspections?

Answer: All special inspections fall under ownership. See Questions 22, 103, and 104 for additional information.

21. On Drawing DS1-008A Note 6 states " See sequencing notes G-005, Note 3.G.GA for sequencing restrictions at the P-PS drop/construction shaft site." What is 3.G.GA? If it's a Drawing please provide.

Answer: Please see revised drawings.

22. On Drawing S-002 Foundations General Note 4 states "A Qualified and Registered Geotechnical Engineer...Shall Determine Conformance of the Foundation Bearing Strata with the Foundation Design Criteria .." Please confirm the Owner will bear the costs of the Geotechnical Engineer in accordance with this note.

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Answer: Yes, This portion of work would fall under Special Inspections and would be covered by the owner. See Question 103 and 104 for additional information .

23. In the documents labeled Part 1, Section 2: Required Submittal Forms reference Form 3 Bid Bond. Next to Bid Bond it states Page 2 of 2, however there is no Page 1 of 2 in the document. Is Page 1 of 2 required for submittal, if so please provide.

Answer: All Required Submittal forms have been replaced and updated with revised forms dated 1/3/2020.

24. On Drawing S-116 Detail 3 Section at Future Opening, details future opening with waterstop at the bottom of the knockout wall only. Please confirm there is no waterstop required at top and sides of the future opening.

Answer: Correct, the waterstop is only required at the bottom of the future openings because it is the only joint at the openings. The top and sides are chamfered as shown in Detail 3/S-116, but there is not joint in the wall at the top and sides.

25. In the documents labeled Part 1, Section 2: Required Submittal Forms reference Required Submittal (Form 2) Contractor Disclosure and Declaration Form (Page 5 of 13) B. Questionnaire. Regarding Question No. 2 where it mentions "independent contractor(s)", by "independent contractor(s)" please clarify whether this refers to any potential subcontractor or vendor that we plan to retain to work on this project?

Answer: Yes, "independent contractor" refers to any potential subcontractor or vendor that is retained to work on this project.

26. Please confirm that the Owner will be identified as the generator of pre-existing hazardous materials encountered at the site.

Answer: The owner will be considered the generator.

27. Please confirm that there will be entitlement for cost and schedule relief for the discovery of unknown pre-existing hazardous materials.

Answer: Yes, this would fall under the unforeseen conditions allowance.

28. The FC-1190004 Chattahoochee RIPS bid had numerous questions answered via Addendum. Have all the questions and answers from previous bid been incorporated into the bid documents for this bid IFB-C 1200270?

Answer: All questions/answers have been incorporated into the contract documents.

Questions Submitted for IFB-C 1200270 with Answers Chattahoochee River Intake Pump Station

29. Could the city please provide clean forms for the Revised Statement of Bidder's Qualifications (rev. 01-22-2020). It appears these are copies from the FC-1190004 Chattahoochee RIPS ITB.

Answer: See revised bidder qualification form.

30. On Drawing S-112 Micropile Notes 3 states "Refer to the Project Geotechnical Memorandum Provided by Willmer Engineering (Willmer Project No. 71.4265, Revised April 23, 2018)." Upon review of Volume 4 Additional Information Part 3 Geotechnical Information provided via Addendum No. 1, the document referenced is not included. Please revise note on drawing or issue Memorandum Dated April 23, 2018 by Willmer Engineering.

Answer: Please see revised Vol 4 Part 7.

31. Invitation to Bid Item 21 states "that the Contractor is responsible for all federal and state government wage requirements." Is this project subject to Davis Bacon wages? If so, please provide the wage determinations.

Answer: Yes, this project is subject to Davis-Bacon wages and the category is heavy construction.

32. Reference Volume 4 Additional Information that was provided via Addendum No. 1. In Part 3 Geotechnical Information Technical Memorandum dated August 5, 2019 it states "This memorandum is not a stand-alone document; it should be read in conjunction with the two previous memoranda referenced above." The two memoranda mentioned are not included in Volume 4 nor anywhere else in the bidding documents. Please provide the two memoranda.

Answer: Please see response to #30.

33. Specification Section 03300-1.02 A.2. and 3.03 K.3. references mass concrete placement for a tunnel plug. The tunnel plug is not mentioned anywhere else in the specifications or the drawings. Please provide more information on the tunnel plug or remove this from the specification section.

Answer: All reference to the tunnel plug have been removed.

34. Upon review of Volume 4 Additional Information Part 2 – Duperon Proposal, it does not meet the Specification Section 15101-3.4 F. where it states "The equipment manufacturer shall include a video of a standard training session to the client for

Questions Submitted for IFB-C 1200270 with Answers Chattahoochee River Intake Pump Station

training purposes.” In Duperon’s proposal video is excluded, also the Proposal doesn’t include the training requirements from Specification Section 01640 Manufacturers Services. Is the Owner going to wave these specification requirements for Duperon?

Answer: This responsibility shall be that of the contractor through Spec section 01664 and 15101 to coordinate training videography.

35. Upon review of Volume 4 Additional Information Part 2 – Duperon Proposal it states One Year Warranty but no start time. Please confirm with Duperon that their Warranty shall commence as outlined in the General Conditions in accordance with Specification Section 15101-1.6. General Conditions 22.3 Guarantee and Repair state “one (1) year after the Date of Final Completion and Final Acceptance of the Work by the City...”

Answer: Agreed, warranty period begins at Final Acceptance.

36. Reference Specification Section 11318-3.4 D.1. where it states “The manufacturer agrees to provide visits by factory representative at 6- to 12-month intervals for a five- year period...”. Please confirm Flowserve will include this Manufacturer Service in their proposal to bidding contractors. It was not referenced in their quote for the FC-1190004 Chattahoochee RIPS ITB.

Answer: Acknowledged. This corresponds to the 5-year service requirements included in the contract for the Quarry and Hemphill units. The updated pump scope for RIPS will be modified to provide the same service agreement and sent to contractors prior to bid by the provider.

37. Is the Owner responsible for obtaining the NPDES Permit?

Answer: Permits will be paid by the owner through the allowance.

38. Specification Section 03300-2.04 Chemical Hardener, states “Unless otherwise specified, all interior concrete floors shall be treated with a liquid hardener...” Where does chemical hardener need to be applied?

Answer: Apply liquid hardener only to the electrical building interior concrete floor per City of Atlanta base specs. Please use SCOFIELD CURESEAL W/ CONCRETE CURING COMPOUND & SEALER – Clear.

39. Please reference Addendum 5, issued May 24, 2019. Item 10 titled "Revision", adjusted the construction duration to 920 days for substantial completion and 980 days for final completion. Please confirm these dates still apply.

Questions Submitted for IFB-C 1200270 with Answers Chattahoochee River Intake Pump Station

Answer: Confirmed, construction duration is 920 days for substantial completion and 980 days for final completion.

40. Please clarify if submittal form 1, Illegal Immigration Reform and Enforcement Act Form, needs to be completed by the JV, each partner of the JV, or the JV and each partner.

Answer: If the JV has an E-verify number, the JV can submit the form alone. If the JV does not have an E-verify number each member of the JV must submit the form.

41. Please clarify if submittal form 2, Contractor Disclosure and Declaration Form, needs to be completed by the JV, each partner of the JV, or the JV and each partner.

Answer: If the JV has been in existence for 3 years or more, the JV can complete the form alone. Otherwise each member of the JV must submit the form.

42. Please clarify if submittal form 3, Bid Bond, needs to be completed by the JV, each partner of the JV, or the JV and each partner.

Answer: The Bid bond has to be in the name of the JV.

43. Please clarify if submittal form 4, Acknowledgement of Insurance and Bonding Requirements, needs to be completed by the JV, each partner of the JV, or the JV and each partner.

Answer: Form 4, Acknowledgement of Insurance and Bonding Requirements needs to be submitted by the JV.

44. Please clarify if submittal form 5, Acknowledgement of Addenda, needs to be completed by the JV, each partner of the JV, or the JV and each partner.

Answer: Form 5, Acknowledgement of Addenda needs to be completed by the JV.

45. Please clarify if submittal form 6, Offeror Contact Directory, needs to be completed by the JV, each partner of the JV, or the JV and each partner.

Answer: Form 6, Offeror Contact Directory needs to be completed by the JV.

46. Please clarify if submittal form 7, Reference List needs to be completed by the JV, each partner of the JV, or the JV and each partner.

Questions Submitted for IFB-C 1200270 with Answers Chattahoochee River Intake Pump Station

Answer: If the JV has 3 references or more, the JV can complete the form alone. Otherwise each member of the JV must submit three reference forms.

47. Please clarify if submittal form 8, Prohibited Sources (Contractors & Vendors) - Ethics Pledge, needs to be completed by the JV, each partner of the JV, or the JV and each partner.

Answer: Each member of the JV must submit form 8, Prohibited Sources (Contractors & Vendors)-Ethics Pledge.

48. The following terms are used throughout the contract documents: Contractor, Offeror, JV, Members, Owners, Principal, Bidder, Partner, Proponent, and Firm. Please clarify each of the various terms used to address the applicant; Specifically, please identify which terms reference the JV and which refer to each party of the JV. We want to be crystal clear about which parties in our JV (combined or individually) are required to fill out and submit the individual forms throughout.

Answer: Please see responses to questions 40-48.

49. Please revise the bid form to include the lump sum prices for the 7 Allowances.

Answer: Please see revised bid form.

50. The revised exterior concrete paving in front of the Electrical Building was previously indicated to be 35' wide and the current documents indicate the slab is to be 20' wide. The slab is shown on drawing S-151 in excess of 20' wide with a break line. Please confirm the intended size of this slab.

Answer: Dimensions on S-151 are correct.

51. Several specification sections including 13275 (section 1.01) and 13200 (section 2.01), reference an instrument schedule located in specification 13200, section 3.03. There does not appear to be a section 3.03 in this specification. Please provide instrument schedule.

Answer: All references to "instrument schedules" have been removed from the specs.

52. P&ID 4 and 6 show level float sensors with the duplex sump pumps. Specification section 11246 makes no reference to float switches. Specification 11246, section 2.05 G calls for pump start selector switches and indicates that the pump will be started/stopped by the operator. Please clarify intent for pump controls.

Questions Submitted for IFB-C 1200270 with Answers Chattahoochee River Intake Pump Station

Answer: The sump pumps shown on PID-4 and 6 are prepackaged pump stations with pump control panel and three (3) floats at each pump station. Each pump control panel shall have HOA switch, Running and Stopped indicating lights for each pump. In Auto mode, Low Level Float shall stop the pumps, Medium Level Float shall start Lead pump and High Level Float shall start both pumps and issue an alarm to SCADA system. In Hand mode (spring return to Off), the pump shall be running as long as the switch is in Hand position unless Low Level float is activated (water level is below Low Level). Section 11246 has been revised.

53. Please update section 2.01 for relevant classification areas or structures.

Answer: We are not sure what section is being referenced here. If this is in regards to concrete class and structures, please see Spec section 03300 and S-001 Concrete Note 1.

54. What is the sequence for power tie-ins and refeeding the existing Lab Building? How long can the breaker A-201 to the Water Quality Lab be shut down? Is temporary power required during the shutdown?

Answer: The previously determined downtime shall be limited to 4 hours. Install all cables and conduits and have them ready for terminations prior to de-energizing the feeder to the Water Quality Lab building. Provide temporary power to feed Water Quality Lab building. - This will need to take place outside of normal operating hours and be coordinated with Lab staff.

55. Specification Section 15100, 2.2, I (Gate Valves) states; Valve wedge shall be symmetrical, made of ductile iron and totally encapsulated in rubber. Rubber shall be permanently bonded to the wedge per ASTM D429. Will wedges not totally encapsulated in rubber be acceptable? Will wedges with rubber seat mechanically retained be acceptable?

Answer: Gate valves shall be as specified, due to anticipated high grit load of intake.

56. Specification Section 15100, 2.4, B (Metal Seated Ball Valves) states; The ball valve shall be metal to metal seated While the specifications call for metal-seated ball valves, can we quote rubber-seated ball valves as an equal? While rubber seated ball valves will require routine seat replacements to provide drip tight shutoff, they are less expensive option for the City. Please advise.

Answer: Metal seated ball valves were selected based on their minimum maintenance requirements; rubber seated ball valves are not acceptable for this bid.

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57. Specification Section 11280 - Stop Logs WACO product is a named manufacturer in Section 11282 – Fabricated slide gates. Similar manufacturers are named in section 11280 – Stop logs however WACO is not. Typically these products come from the same manufacturer. Can WACO Products be added to section 11280 – Stop Logs?

Answer: WACO will be added as an acceptable manufacturer of stop logs. See revised Section 11280.

58. Bid submission instructions are unclear: Bid Submittal Check Sheet, Item 3A notes "Separate Sealed Envelope for the Bid Schedule/Bid Form. Page 6 of the Invitation to Bid states "Sealed Bids much be received by designated staff of the department of Procurement, via the ATLCloud electronic procurement system. Please provide clear and consise bid submittal instructions.

Answer: The Bid Submittal Check Sheet is provided for convenience only and is not a required submittal. Please refer to the Instructions to Bidders.

59. The Bid Submittal Check Sheet form and Submittal Checklist on Page 21 of the Invitation do not list the same requirements. Please clarify.

Answer: The Bid Submittal Check Sheet is provided for your convenience . Please follow the Instructions to Bidders provided in ATL Cloud.

60. Please confirm if a completed Bid Submittal Check Sheet is to be included with final submission.

Answer: The Bid Submittal Check Sheet is provided for your convenience and is not a required submittal.

61. Item 3 of the Bid Submittal Check Sheet indicates to include the "Joint Venture Document Agreement" with bid submission. Page 8 of the EBO document IFB-C-1200270-Chattahoochee River Intake Pump Station Bidder includes a document titled "Joint Venture Information Pre-Award Review-EBO". Please confirm which document should be included with bid submission.

Answer: The City of Atlanta Office of Contract Compliance Joint Venture Information Pre-Award Review-EBO form asks specific questions regarding the members of the Joint Venture team. This document can also be used to help craft the joint venture agreement which is a separate document. Both documents must be submitted with each bidder's submission.

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62. On the Safety Record Form, information is requested for the last three years. Please clarify information should represent the last three completed years.

Answer: See revised version of Bidder qualifications.

63. The Statement of Qualifications title page claims the document was revised 1-22-20 but footer on pages 5 through 10 say 11/9/17. Please confirm current version is the final revised version.

Answer: See revised version of Bidder qualifications.

64. Page 9 of the Invitation to Bid states "statement of Bidder's Qualifications must be filled out completely, signed by the bidder, and notarized. There is not a Signature Page included in the Statement of Bidders Qualification. Please provide signature page.

Answer: See revised version of Bidder qualifications.

65. Reference the Statement of Qualifications Project Manager Experience Page. Please confirm project scope of work listing is correct.

Answer: See revised version of Bidder qualifications.

66. References the Statement of Qualifications Project Superintendent Page. Please confirm project scope of work listing is correct.

Answer: This work is previous work and shall remain. Please review NAICS Industry Code 23711.

67. References the Statement of Qualifications. Page 1. Item 5b. States, "Construction Management of contracts \$25 million and larger". This is a competitive bid project. Please delete reference to Construction Management.

Answer: This statement has been removed.

68. Reference the Contractor Disclosure and Declaration Form. Page 1, Last paragraph under "Offeror" appears to be missing text. Please provide complete text.

Answer: Please see revised Required Submittal forms dated 1/03/2020.

69. Please confirm number of references required for each member of the Joint Venture.

Questions Submitted for IFB-C 1200270 with Answers Chattahoochee River Intake Pump Station

Answer: If the Joint Venture has references in the JV name then the Joint Venture may provide 3. If the Joint Venture does not have references in the JV name then each member of the JV must provide 3 references.

70. Are the 407 questions and answers from the previous bid part of this contract? If so, please issue them by addendum.

Answer: This is a new contract/ previous questions have been incorporated to the contract documents.

71. Form 3, Bid Bond includes page 2 of 2. Please provide page 1.

Answer: Please see response to question 23.

72. Form 1 – Page 1 of 3 – item # 7 says subcontractor and sub-sub affidavits are not required at the time of proposal/bid submission. Does that mean we can omit page 3 or 3 (Form 3 is a required submittal)?

Answer: Page 3 of Form 1, Illegal Immigration Reform and Enforcement Act, Sub-Affidavit does not need to be provided at the time of bid submittal.

73. Form 3 – Bid Bond - what has been posted is p 2 of 2 – where is page 1 of 2?

Answer: Please see answer to question 23.

74. Please provide number of calendar days for Substation and Final Completion of the work.

Answer: See response to Question 39.

75. Is a shutdown required to tie-into and modify any of the existing control panels? If so, how long can the control panels be shut down? Are any temporary power or temporary instrumentation measures required during the shutdown? Are any systems required to be manually operated during the shutdown? If so, will the COA employees perform the manual operation?

Answer: The shutdowns shall be coordinated with the City. The expected allowable downtime for CP-10-102 is 1 hour. No shutdown is anticipated for CP-11-300 and FTP-CHWTP panels. Temporary power measures should be in place.

76. Notes that 3 power poles are to be relocated. Drawing E5-010 Indicates that the poles are to be demolished. Please clarify.

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Answer: Note 1 governs all light poles and E5-010 shows 5 being demolished.

77. Indicates that the existing duct bank providing power to the structures beyond the gate is to be rerouted. Please provide the duct bank size, routing, conduit and cable requirements for the new duct bank. In addition, please provide any shutdown or tie in constraints for the structures beyond the gate so that we can include any necessary temporary measures.

Answer: Include the following power cables/conduits for the relocated ductbanks:

- Existing Lab Building panelboard to the Garage area electrical loads: 3/C #4/0 and 1 #4 ground in 2" conduit and one 2" spare conduit.

Contractor shall coordinate the required cables/conduits sizes and connection points with the Owner. Install all cables and conduits and have them ready for terminations prior to de-energizing the feeder. The shutdown shall be coordinated with the City. Provide temporary power to feed garage area if the shutdown will require more than 24 hours. Coordinate the underground ductbank routing in the field.

78. Directional Drilling specification calls for the (2) parallel drills to be 18" HDPE lines, however, the drawings call for 30". Please advise which size is correct.

Answer: Please see the revised contract documents.

79. Please reference DWG C3-002 the "Peachtree Creek Conduit Crossing Profile". The radius and path of the twin 30" HDPE DR11 conduits drawn is not possible to construct. Several directional drillers have indicated that while the conduit can be bent to that shown radius, the drill head and stem of the drilling equipment cannot make the profile shown. Please indicate if alternate methods of construction such as a microtunnel or deep shafts and mined tunnel is acceptable.

Answer: Please see the revised contract documents.

80. Please reference DWG C3-002 the "Peachtree Creek Conduit Crossing Profile". Since the profile shown is not constructable, please advise how alternate systems will be evaluated by the City post-bid.

Answer: Please see the revised contract documents.

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81. Please reference DWG C3-002 the "Peachtree Creek Conduit Crossing Profile" as well as E5-110 and E5-101. The plans as currently designed are not possible. In the event these manholes need to be moved to construct the electrical conduit crossing please provide allowable locations of MH-R2 and MH-R3

Answer: Please see the revised contract documents.

82. Please reference GC-5 Adequacy of Design. We believe that the "Peachtree Creek Conduit Crossing Profile" as shown and as designed is not constructable. This statement is made after discussions with numerous directional drilling subcontractors. Please advise how to proceed or adjust this scope of work as shown to be constructable.

Answer: Please see the revised contract documents.

83. Please provide more detail on the limits of work for Item #12 - Optional Adder - Chattahoochee Shaft and Chattahoochee WTP Flow Connection. A highlighted plan view of the limits of work would be helpful to confirm scope.

Answer: Please see revised contract documents, in particular Sections 01010, 01011, and 01200 and revised Bid Form.

84. Are the cones shown under the vertical turbine pumps intended to be supplied by the pump manufacturer? If not, please provide the details and the material type.

Answer: Flow conditioning baskets shall be of dimensions and materials as shown on bottom-right detail on sheet DS2-001.

85. Will the Pre-negotiated equipment prices be provided prior to bid? If so, will prices be valid until the new Notice to Proceed date?

Answer: Please contact predetermined manufacturers, listed in the specifications, in regards to their proposals.

86. Will the Pre-negotiated equipment prices be provided prior to bid,? If so, will prices be valid until the new NTP date?

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Answer: See response to question 85.

87. Due to the ambiguity in the documents, unanswered questions, and need for adequate time to review documentation and RFI responses, we respectfully request a two-week extension to the bid submission date from March 6 to March 20.

Answer: The bid due date has been changed to Friday, April 17, 2020; no later than 2:00 P.M., EDT.

88. Please confirm all work shown on drawings E5-115, E7-110, E7-111, EI-006, PID-6 and EJ-101: work shown in Peach Tree Pump Station Boundary: PPS Drop/Construction Shaft and Remote I/O Cabinet RIO-CH at Valve Vault is to be priced under Bid Item No. 12.

Answer: Item 12 was removed from the bid form. All piping, valves, vaults, electrical, and components from 60" pipe at STA 31+50 to Chattahoochee plant is included in this contract. Tie-in to existing PPS Drop/Construction shaft, 8' liner plate tunnel, and 60" pipe from STA 35+54 to STA 31+50 is covered under a separate contract.

89. ITB, Appendix B, Section A.8 requires the Contractor to name the City as an Additional Insured utilizing CG 20 26 07 04, or the equivalent. The current form of this endorsement utilized by ISO is the ISO CG 20 26 04 13 version. Please amend to: "8. Additional Insured Endorsements Form CG 20 26 07 04 04 13 or equivalent. . . Additional insured status extending to ongoing and completed operations per CG 20 26 07 04 04 13 or their carrier equivalent shall be provided . . ."

Answer: Appendix B will be amended by Risk Management to Additional Insured Endorsement Form CG 20 26 04 13 or its equivalent.

90. ITB, Volume 1 General Requirements, Section GC-20 requires the Contractor to have the risk of loss for the Work. Builders' risk coverage ends upon Substantial Completion or when the Work, or portion of the Work, is put to its intended use, whichever occurs earlier. It is not equitable to give the Contractor the risk for loss it cannot insure. The Contractor's risk of loss should end upon Substantial Completion or at the point the Work is put to its intended use by the Owner, whichever is earlier. Further, there should also be an exception to the risk of loss assumed by the Contractor for damages arising out of the City's actions or inactions; as well as the

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City's agents and their responsible parties. Accordingly, Bidder requests the following revision:

- a. "GC-20 PROTECTION OF AGREEMENT WORK
 - i. Contractor shall be responsible for:
 1. Maintenance and protection of Work until final completion and acceptance, including, but not limited to, the storage of Materials and Equipment, erection of temporary structures and provisions for drainage as necessary to protect Work from injury, damage or loss.
 2. Any injury, damage, or loss to Work resulting from the action of the elements or any other cause, irrespective of fault or negligence, excepting only such injury, damage, or loss as is caused solely by the negligence or willful misconduct of the City or anyone directly or indirectly employed by the City, or by anyone for whose acts the City may be liable, and not attributable to the fault of negligence of the Contractor
 3. Protection of its Work and materials and the Work and materials of its Subcontractors or Suppliers from damage or injury from the weather; and
 4. Exercising due care to avoid injury or damage to the Work of other contractors on site.

Any portion of Work suffering injury, damage, or loss for which Contractor is responsible under 1, 2, 3 or 4, above, will be considered defective and shall be corrected or replaced without additional cost to City. However, except to the extent arising from the negligence or willful misconduct of the Contractor or its Subcontractors, the Contractor will not be responsible for repairing any damage or loss to the Work, or portion of the Work, that has been deemed Substantially Completed pursuant to Section GC-39.1."

Answer: The City of Atlanta's General Conditions are to remain as is with no revisions, changes, or exceptions.

91. ITB, Volume 1 General Requirements, General Conditions, Section GC-39.1 states that when the City's Engineer deems the Work or designated portion thereof as Substantially Complete, she will then issue a Certificate of Substantial Completion which will establish responsibilities regarding the Work, including insurance. Please be advised that once the Work is put to its intended use by the Owner, builders' risk

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coverage is no longer applicable. It is not equitable to give the Contractor the risk for loss it cannot insure. Please delete "insurance" from the list of responsibilities to be agreed to in this Section.

Answer: The City of Atlanta's General Conditions remain unchanged. The responsibility of "insurance" is not to be deleted from the list of responsibilities to be agreed to in Section GC-39.1.

92. ITB, Requirements, Section 30 states the Performance Bond "shall remain in effect for two (2) years after final acceptance of the Work or the guaranty period under the Agreement, whichever is the larger." However, GC-22.3, as well as the Performance Bond Form provided by the City indicates the guarantee and warranty period is one year. Please confirm if the general warranty / guarantee period for this project is one year or two years.

Answer: If within one (1) year after the Date of Final Completion and Final Acceptance of the Work by the City, or within such longer period of time as may be prescribed by law or by the term of any applicable special warranty required by the Agreement Documents, any of the Work is found to be defective or not in accordance with the Agreement Documents, the Contractor shall correct it promptly after receipt of a Written Notice from the City to do so, unless the City has previously given the Contractor written acceptance of such condition. This obligation shall survive both final payment for the Work or designated portion thereof and termination of the Agreement. The City shall give such notice promptly after discovery of the condition.

93. ITB, Division 1 – General, Section 01800 Maintenance requires the Contractor to have the risk of loss for installed equipment and materials until Final Acceptance of the Work. Builders' risk coverage ends upon Substantial Completion or when the Work, or portion of the Work, is put to its intended use, whichever occurs earlier. It is not equitable to give the Contractor the risk for loss it cannot insure. The Contractor's risk of loss should end upon Substantial Completion or at the point the Work is put to its intended use by the Owner, whichever is earlier. Accordingly, Bidder requests the following revision: "1.01 DESCRIPTION A. Contractor will be required to maintain stored and installed equipment and materials until Final Acceptance Substantial Completion of the Work. . ."

Answer: Request for stated revision is denied by the City of Atlanta.

94. Please provide the Unit Prices for the Bid Form Allowances.

Answer: See response to question 15.

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95. Please clarify when we should be listing the JV for signature and when we should be listing the individual company for signature. Is the "Offeror" the JV and the "Entity" the individual companies?

Answer: Yes, the Offeror is the JV and the Entity is the Individual Company. The principal that signs the forms depends expressly on which forms are being signed and how long the JV has been in existence. Please refer to questions 40-48.

96. Section 8.a of the Statement of Bidder Qualifications Document states:
Project Manager must have successfully managed the following work within the last ten years in the United States of America: Construction of not less than three projects consistent with NAICS Industry Code 23711 of similar size and complexity as this project (minimum size 25 MGD flow capacity), with a minimum construction value of \$20 million for each project.

Answer: Qualifications requirements to remain per revised version .

97. Minimum flow capacity is not a representative measure for the similar size and complexity of this project. Please strike the minimum size 25 MGD flow capacity language from this section.

Answer: Qualifications requirements to remain per revised version.

98. Section 8.b of the Statement of Bidder Qualifications Document states:
Project Superintendent must have successfully managed the following work within the last ten years in the United States of America: Construction of not less than three projects consistent with NAICS Industry Code 23711 of similar size and complexity as this project (minimum size 25 MGD flow capacity), with a minimum construction value of \$20 million for each project.

Answer: Qualifications requirements to remain per revised version .

99. Minimum flow capacity is not a representative measure for the similar size and complexity of this project. Please strike the minimum size 25 MGD flow capacity language from this section.

Answer: Qualifications requirements to remain per revised version.

100. Specification Section 02663 calls for two (2) parallel 18-inch High Density Polyethylene (HDPE) pipes of approximately 280 plan linear feet that will contain

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medium voltage conduit ductbanks by Horizontal Directional Drilling (HDD). Drawing C3-002 calls for two (2) 30" HDPE conduits.

Answer: Please see the revised contract documents.

101. Please provide the required sizing for the Peachtree Creek Conduit Crossing.

Answer: Please see the revised contract documents.

102. Drawing C3-002 shows the profile for the Peachtree Creek Conduit Crossing Profile. Multiple HDD Subcontractors have said that the HDD as shown is not possible. The bend radius of the HDD machines required for this size pipe would have a bend radius closer to 1000' and would require a bore closer to 800' long. Would an alternate method of installation be approved for this application.

Answer: Please see the revised contract documents.

103. Please provide a list of the Owner provided testing included in specification 01400 1.09 (Quality Control) A. (01400-14)

Answer: Please see Structural sheets S-002 and S-003 for table of Special Inspections. Please see spec section 01400 1.05 and 1.05 for contractor sampling and testing requirements. Any sampling and testing will be covered by contractor, such as concrete samples and cylinder breaks.

104. Please provide a list of the Owner provided testing included in specification 01400 1.09 (Special Tests and Inspections) A. (01400-16)

Answer: Please see Structural sheets S-002 and S-003 for table of Special Inspections. Please see spec section 01400 1.05 and 1.05 for contractor sampling and testing requirements. Any sampling and testing will be covered by contractor, Example concrete samples and cylinder breaks.

105. Spec section 03300, Section 2.03 A. 2. Indicates that "Fly ash and crystalline waterproofing additive are required in Class A concrete. Please confirm that it is the intent for ALL Class A concrete on the project shall include this additive.

Answer: Yes, that is required in all Class A concrete.

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106. Spec section 03300, Section 3.03 K. 1. Mass Concrete Placing reads: “Any placement of structural concrete with minimum dimension equal or greater than 3 feet shall be considered mass concrete.” Most of the information following refers specifically to the tunnel plug. Please specify if the mass concrete specification applies only to the tunnel plug or to all concrete on the project.

Answer: The mass concrete specification applies to any placement of structural concrete with a minimum dimension equal to or greater than 3 feet. The tunnel plug is not included in this scope and has been removed from this section .

107. Specification section 03100, Section 1.03 B. 2. Requires a “maximum acceptable deflection of 1/8” in 5’-0” for all flat surfaces (ACI 347 Class A finish). Please confirm that the “Class A finish” is in reference to deflection tolerance and not a requirement for a “rubbed concrete finish”.

Answer: This Section 1.03 B.2 is in reference to the acceptable surface deflections of the formed surfaces.

108. Specification section 03100, Section 1.03 B. 2. Requires a “maximum acceptable deflection of 1/8” in 5’-0” for all flat surfaces (ACI 347 Class A finish). In order to achieve this, please consider allowance of holes left in concrete for form ties to be 1-1/4” diameter vs 1” (specified in Spec section 03100 2.01 D. 2.).

Answer: The 1" diameter shall be maintained.

109. Many of the formwork specifications in Section 03100 seem to be for more of an architectural type of formwork / finish. For example, not using metal plate for covering tie holes that aren’t used, plywood not being reused more than 3 times, and deflection limited to 1/8” but only allowing a 1” hole. Please reconsider the formwork specification selected for this project.

Answer: The specifications shall be maintained.

110. Spec 03100 3.01 B. 1. Reads: “Do not use metal cover plates for patching holes or defects in forms.” Please clarify that this does not include covering un-used tie holes.

Answer: Metal cover plates may be used to cover un-used tie holes as long as the metal plates are removed with the forms.

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111. Specification sections 02425 and 03250 are referenced in various specification sections but were not provided. Please provide them or clarify that they are not to be made part of the project.

Answer: See Section 03250 included in bid responses. The tunnel and shaft were removed from this project so Section 02425 is no longer needed.

112. Would the City allow for the use of a Tunnel Boring Machine for the CSX Railroad crossing in lieu of Handtunneling?

Answer: See revised Contract Documents, this portion of work is covered under a separate contract.



IFB-C 1200270 Chattahoochee River Intake Pump Station

SUMMARY OF CHANGES

REVISIONS 8 THROUGH 52

ADDENDUM NO. 5

Addendum No. 5
IFB-C 1200270 Chattahoochee River Intake Pump Station
Summary of Changes

Item No.	Item	Description
8.	Revised Section 01010	Revised Section to remove optional adder of Liner Plate Tunnel and Chattahoochee WTP Connection under 1.01.B.7. Adjusted 1.01.B.6 to include Chattahoochee WTP connection to 60" DIP at STA 31+50 in Base bid. Removed as an adder, along with the liner plate tunnel Revised 1.01 B 3 to "Utility Bridge" in lieu of installing duct bank below creek.
9.	Revised Section 01011	Revised Section to include sequencing of Chattahoochee Water Treatment Plant Connection
10.	Revised Section 01200	Revised 1.05.A.2 to include connecting Chattahoochee WTP to 60" DIP at STA 31+50 Removed "ITEM 12" from 1.07 Optional Adders
11.	Revised Section 01664	Updated 2.05 A "contractor will retain..." in lieu of the City
12.	Revised Vol 2 – Technical Specifications	Removed Section 02224 – Liner Plate Tunnel Installation
13.	Revised C1-002	Added Note: "8' liner plate tunnel and associated 60" pipe from STA 35+54 to 31+50 are covered under a separate contract"
14.	Revised C1-013	Added Note: "8' liner plate tunnel and associated 60" pipe from STA 35+54 to 31+50 are covered under a separate contract"
15.	Revised DS1-008B	Renamed Sheet to "DS1-008" following the removal of DS1-008A
16.	Removed Sheet DS2-007	Removal of sheet DS2-007 as it pertains to the Liner plate tunnel covered under a separate scope.
17.	Revised G-001	Revised G-001 to remove DS1-008A, change DS1-008B to DS1-008, Remove DS2-007

Addendum No. 5
IFB-C 1200270 Chattahoochee River Intake Pump Station
Summary of Changes

18.	Revised Vol 3 – Drawings Cover Sheet	Revised the cover sheet showing the removal of DS2-007
19.	Revised Vol 4 – Additional Information	Added Part 7 which includes the following: Attachment A - Cultural Survey of the Chattahoochee River Intake Pump Station
		Attachment B Technical Memorandum – Geotechnical information
20.	Revised Section 03300	Added Class F Concrete in 1.01 and 2.03 Removed references for 02425 Removed tunnel plug references
21.	Revised Section 16110-2.03	Specify Class F concrete
22.	Added Section 03250	Updated Table of Contents and added 03250 Concrete Joints
23.	Revised Section 03251	Updated 2.02 to reference 03250, concrete Joints
24.	Revised Section 13211	Removed reference to instrument table in 1.01.A
25.	Revised Section 13216	Removed reference to instrument table in 1.01.A
26.	Revised Section 13271	Removed reference to instrument table in 1.01.A
27.	Revised Section 13275	Removed reference to instrument table in 1.01.A
28.	Revised Section 11280	Added Acceptable Vendor - WACO
29.	Revised Section 09900	Removed subpart 3.03A
30.	Revised Section 11246	Removed subpart 2.05 D-G
31.	Added Section 02367	Updated Table of Contents and added 02367 Micropiles
32.	Added Section 05900	Updated Table of Contents and added 05900 Fabricated Engineered Steel Bridge
33.	Revised E5-001	Revised duct banks based on Utility Bridge
34.	Revised E5-100	Revised Legend based on Utility Bridge
35.	Revised E5-101	Revised Notes, Legend, and plan view based on Utility Bridge
36.	Revised E5-110	Revised legend, plan view, and added detail based on Utility Bridge
37.	Added E5-110	Added E5-116 based on Utility Bridge
38.	Added C3-004 to C3-012	Added Civil Sheets based on Utility Bridge

Addendum No. 5
IFB-C 1200270 Chattahoochee River Intake Pump Station
Summary of Changes

39.	Revised and Added EC-001 to EC-018	Revised and Added Erosion Control sheets based on Utility Bridge
40.	Added S-901 to S-909	Added Structural Sheets based on Utility Bridge
41.	Required Submittal Forms	Page 1 of 2 has been added to Form 3: Bid Bond Form
42.	Submittal Checklist	Revised to include all documents required for solicitation
43.	Statement of Bidder Qualifications Form	New Form: Statement of Bidder Qualifications + IFB-C 1200270 REV1
44.	Supplemental Conditions and Technical Specifications	New Document: Vol 2: RIPS Technical Specifications_IFB_REV1
45.	Project Drawings: Vol 3: 01 General RIPS IFB	New Drawings: Vol 3: 01 General RIPS_IFB_REV1
46.	Project Drawings: Vol 3: 03 Civil RIPS_IFB	New Drawings: Vol 3: 03 Civil RIPS_IFB_REV1
47.	Project Drawings: Vol 3: 05_Process_RIPS_IFB	New Drawings: Vol 3: 05 Process RIPS IFB_REV1
48.	Project Drawings: Vol 3: 08 Structural IFB	New Drawings: Vol 3: 08 Structural IFB_REV1
49.	Project Drawings: Vol 3: 09 Electrical_I&C_IFB	New Drawings: Vol 3: 09 Electrical_I&C_IFB_REV1
50.	River Intake Pump Station Additional Information	New Document: Vol. 4 RIPS Additional Information IFB_REV1
51.	WSP River Intake Pump Station Bid Form	New Form: WSP River Intake Pump Station (RIPS) Bid Form_REV1
52.	General Conditions: Vol. 1 RIPS General Conditions IFB	New Document: Vol. 1 RIPS General Conditions IFB REV1

END OF LIST