



CITY OF ATLANTA

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DEPARTMENT OF PROCUREMENT
Martin H. Clarke
Interim Chief Procurement Officer

July 7, 2020

Dear Potential Bidders:

**Re: IFB-C-1200444, Intrenchment Creek WRC Decommissioning and South River WRC
Primary Clarifiers**

Attached is one (1) copy of **Addendum Number 2**, which is hereby made a part of the above-referenced project.

For additional information, please contact Mr. Anthony D. Stanley, Contracting Specialist, at email at adstanley@atlantaga.gov.

Sincerely,

DocuSigned by:
Martin Clarke
E14114FE1107482...
Martin H. Clarke

MHC/ads

**IFB-C-1200444, Intrenchment Creek WRC Decommissioning and South River WRC
Primary Clarifiers
Addendum No. 2
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ADDENDUM NO. 2

This Addendum No. 2 forms a part of the Invitation for Bid ("IFB") and modifies the original solicitation package as noted below and is issued to incorporate the following:

1. **Attachment No.1** Responses to 89 Questions.
2. **Revised Question Due Date:** 2nd Question and Answer Period end date 07/10/20 at 2:00 P.M.EST
3. **Revision:** (Bid Schedule) have been revised as of 7/1/2020
4. **Addition:** Additional Documents:
 1. Geotechnical Report (Intrenchment Creek Question 13a & South River WRC 13b)
 2. Aeration Basin Drawings SRWC-TRWQMP Task 5 (Question 26)
 3. Effluent PS and Process Modifications Dwgs. May 10, 1982 (Question 34)
 4. Sludge Valve Box from SRWRC-TRWQMP Task 5 (Question 50)
 5. Detail (Question 72)
5. **Revision:** The Bid Due has changed to Wednesday, July 29, 2020

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

The Bid due date has been modified and Bids are due on Wednesday, July 29, 2020 and should be time stamped into the system no later than 2:00 P.M.

****All other pertinent information is to remain unchanged****

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Addendum No. 2 - Questions for IFB-C, 1200444, Intrenchment Creek WRC Decommissioning and South River WRC Primary Clarifiers Replacement.

1. *Bid Deadline: ITB Page 2 notes the Bid Deadline is July 8, 2020 whereas ITB Page 5, Item 1.2 notes the Bid Deadline is July 16, 2020. Please clarify.*

Answer: Addendum No. 1 changed the Bid due date to July 16, 2020.

2. *Wage Rates: ITB Art 21 notes Contractor is responsible for all Federal and State government wage requirements; General Conditions Art GC-33.2 notes Contractor is required to furnish weekly payroll reports to the City, certifying conformance with the wage rates listed in the Specifications; and GC-62.1 notes Contractor shall maintain accurate payroll records and be prepared to submit certified copies.*

The project documents do not include wage determinations to be utilized on the project. Please confirm (1) that Certified Payroll Reports are required and (2) please provide the wage decision(s) applicable to this project.

Answer: There is no Federal funding on this project, so Davis-Bacon wage rates do not apply, and thereby, Certified Payroll Reports are also not required. Disregard this requirement for the project.

3. *The additive alternates are embedded in the sequence of work (i.e. any activities that need to happen in a certain order). Please confirm the interim milestones take into account this potential additional work.*

Answer: Yes – the milestones take into account the additive alternatives.

4. *The bid form has three (3) parts: Part 1 - Base Bid, Part 2 - Additive Alternates, and Part 3 - Allowances. The table appears to total all 3 parts (items 1-15) for a Grand Total but the section to write the bid total "In Words" on page BS-4 asks for Parts 1 and 2 totaled. Please confirm a) what is the basis of award? b) should all three parts be totaled in writing?*

Answer: The bid form will be changed so that all three parts of the bid are totaled.

5. *Please provide the two (2) missing allowance totals (items #13 and 14) on the bid form.*

Answer: For the DCS Allowance for South River use \$500,000.00, and for Intrenchment Creek use \$300,000.00. A revised Bid Form is attached.

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6. *The 1200444_SUPPLIER document lists July 8, 2020 as the bid date; the website lists July 16, 2020. Please clarify the date the bid is due.*

Answer: Please see response for Question #1.

7. *1200444_SUPPLIER document states questions are due June 15, 2020, one month before the bid is due. Please extend the question deadline to allow subcontractors and vendors ample opportunity to review contract documents.*

Answer: The City will be allowing for two question periods.

8. *Page 5 lists that the City will pay for all power costs and chemical costs related to operation of the plant during any flow diversions. Does this include the cost of fuel or electricity for any bypass-pumping operations?*

Answer: The City will pay for power, water, natural gas, and chemicals only. No labor, compressed air, or fuel will be paid for bypassing or testing.

9. *Specification 01100 states that all water for testing, flushing, and construction will be furnished by the City. The City will have the option to recoup these costs. Please confirm who is paying for water. Specification 01500 Temp Facilities states that contractor is responsible for all water, sewer, electrical, internet etc. costs.*

Answer: See response for Question #8.

10. *Specification states that special inspections will be by owner, however, a portion of 01400 (1.7.07) indicates that the contractor shall supply special inspections. Please confirm all special inspections are conducted by the owner.*

Answer: Special inspections provided by the Owner are outlined in Spec section 01450 and will be paid by the Owner through their allowance. Any other testing or inspections will be provided by the Contractor. It is the Contractor's responsibility to have their work inspected to ensure it meets specifications. The City inspection is QAQC only and does not relieve the contractor's responsibility to make sure their work meets the specifications.

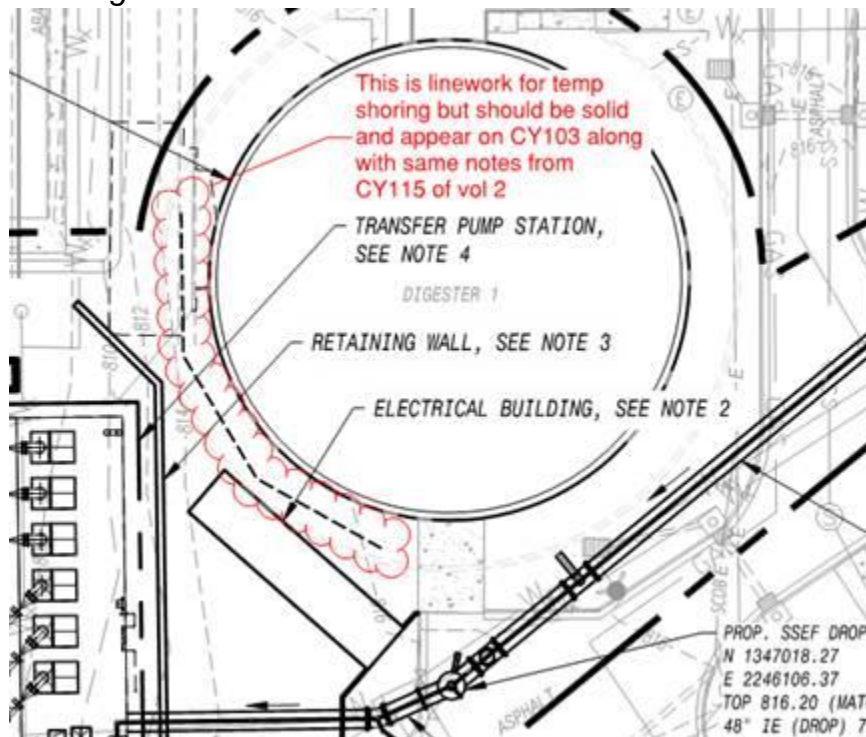
11. *Please confirm that the intent of this specification is to have a security guard onsite during working hours to badge people in and out of the sites.*

Answer: Access to the sites will be by City of Atlanta security. This requirement is not required and can be disregarded.

12. 1-4.01 Indicates that no additional payment above the contract price will be made for sheet piling left in place. Please confirm if support of excavation can be left in place.

Answer: Sheet piling and shoring and other excavation support systems shall be removed or left in place at Contractor's discretion. No additional payment above the Contract Price will be made for sheet piling and shoring and other excavation support components left in place. Excavation support elements left in place shall be cut off 48 inches minimum below the finish grade indicated on the Drawings. Notations should be added to drawing CY103 to clarify location and requirements of sheet piling.

Drawing CY103 in Vol 1



13. Please provide a geotech report for both sites.

Answer: PDF versions of the geotechnical reports are included in this Addendum.

14. Will a site visit be allowed for potential bidders and subcontractors?

Answer: A virtual site visit presentation has been provided in the bidding package. There is not an in-person site visit anticipated at this time.

15. *Does the CPVC Ferric Chloride piping need double containment when buried?*

Answer: No.

16. *Is the intent of the bid form breakouts (items 1-15) to be a list for the owner to pick and choose from in regards to which scopes of work that they want to execute. If so please further define the limitations of each of the pieces of work. Also, please define how these would factor into award.*

Answer: The City will consider the base bid, allowances, and alternates that are most beneficial for the City in relation to its budget and project needs.

17. *Bid Form Item #10 appears to be an "in lieu of" type item. This could potentially be a negative number the way it is written. Please define how this will be factored into the award. Also confirm that precast means wall type as shown in 02834.*

Answer: Yes – this could be a negative number, and the bid item does refer to spec section 02834. The City will select the most beneficial option.

18. *Please confirm what basis of award will be for calculating the MBE and FBE percentages.*

Answer: Prime proponents must make good faith, non discriminatory outreach efforts toward meeting or exceeding the goal for the inclusion of Minority and Female Business Enterprises as ascribed. Prime proponents who demonstrate that they have made those efforts could be found "responsive" as part of their overall effort to win award of the contract.

19. *There is no detail for this 36" Flow Meter on the Transfer line to South River shown on drawing CY106. There are details for the Flow Meters at South River but they are below grade. Are isolation valves, bypass valve and bypass required at this location?*

Answer: Isolation valves are required as indicated on IP001. Bypass valve and bypass are not required. Add one 36" isolation valve on each side of the 36" flow meter shown on CY106.

20. *We have tracked the Intrenchment Creek WRC Decommission and South River WRC Primary Clarifiers Replacement project through its design and initial bid. We are interested in providing the instrumentation and controls on the project, but we would like to clarify the cities intentions with the project. The Bid Form, under section 3 allowances, (item 13 & 14) describes upgrades to its existing DCS*

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electrical and instrumentation systems. What do these (to date there is no dollar amount listed) allowances cover? We have the capability of providing Foxboro hardware and software upgrades, so will these be competitively bid? We appreciate your help, and we look forward to hearing back from you.

Answer: A supplier or subcontractor must price this work competitively through the general contractor.

21. *Our further review of the project specifications reveals what we believe to be an issue of grave concern to the City of Atlanta and one which requires your immediate and concerted review with your team to hopefully be followed by positive action. As you are surely aware, equipment manufacturers appoint independent agencies, or “representatives”, to sell their products in protected territories.*

If one agency/representative gains a “sole sourced” item, that is no other company manufactures that item, then he can sell it at whatever price he wants, as there is no competition. Not only that, but if that agency/representative also represents other equipment that is specified for the project, he can “bundle” that other equipment into a one price “package” so that other agency/representatives’ offerings cannot be considered because the bidding contractor cannot evaluate against a “hidden” or “bundled” price.

Such is the case with the item specified in Specification Section 11295 – Composite Gates, wherein the Ashbrook-Simon-Hartley COPLASTIX line is specified, followed by the “or equal” term. Be advised that no other manufacturer offers a product that is built to the same specifications or with the same construction materials. What is at stake is the sale of four (4) large 144” wide (that’s 12 feet) x 48” tall (that’s 4 feet) control gates, each with an electric operator as well as two (2) smaller control gates.

That is not the only issue here. As indicated, the agency that represents that line of Ashbrook-Simon-Hartley COPLASTIX control gates also represents a named/specified manufacturer for the three (3) Circular Clarifier Equipment specified in Spec Section 11410, each with mechanisms that are 130 feet in diameter and 16 feet tall as well as a manufacturer the two (2) Coarse Screens specified in Spec Section 11330, each unit 5 feet wide and quite tall. With no competition for the Composite Gates, the Circular Clarifiers and the Coarse Screens will be “bundled” with the Composite Gates and the price has no limit for this “package” of equipment, while the other agencies desiring to compete for the Clarifiers and the Coarse Screens will be left without the opportunity for evaluation, all at a financial loss to the City of Atlanta.

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So, there are at least two remedies to this unfair (to the City of Atlanta and to the rep agencies that care to compete but cannot) situation. The Composite Gates can be removed from the competitive bid process and included on the Bid Form as an Allowance, the price to be determined by an RFQ to the agency prior to the bid opening OR, perhaps a better alternative, the City allow an alternate material such as "all stainless steel" control gate to be considered as an "or equal" product. The all stainless steel control gate has gained the acceptance and favor of virtually all engineering consultants and municipal authorities as a viable and practical product for use in flow control situations. It has the benefit, when compared to the COPLASTIX gate, of less cost, less weight, better ease of handling (because of the less weight), potentially not as heavy duty an electric operator (again due to the weight of the product) and less susceptible to "skin" or cover damage from debris within the flow.

It is our intent to pre-submit to you information concerning proposed all stainless steel control gates as proposed "or equal" products for this Specification Section 11295 with the knowledge that the material differs from that currently specified. Should the City approve the all stainless steel control gate as "or equal", it will gain back the competition for not only these control gates but also for the Circular Clarifier Equipment and also for the Coarse Screens. We would urge your favorable review and consideration of the all stainless steel control gates that we will soon pre-bid submit through your office.

Answer: Stainless steel gates are acceptable as a deductive alternate. Stainless steel fabricated gates shall meet the requirements of AWWA C561, and shall be manufactured by Golden Harvest, Hydro Gate, Rodney Hunt, Waterman, or Whipps. Frames, guides, slides, reinforcing members, and yoke beams shall be stainless steel, ASTM A276, ASTM A240, 304L or 316L. Flush bottom closure seal and hollow bulb J seals shall be compressible neoprene. Slide seats and bearing bars shall be UHMW polyethylene. Operating stems shall be stainless steel, AISI Type 304 or 316. Assembly fasteners shall be stainless steel, AISI Type 302, 303, or 304. All gates (composite or stainless steel) shall have an allowable leakage not to exceed 0.10 gpm/ft of seating perimeter.

22. *In reference to the subject project, can you please provide clarifications for the following items?*

Section 11200 – Recirculating Chopper Pumps

Paragraph 1-3.03: This paragraph makes reference to the automatic valve actuator. However, nowhere else in the specification is the automatic valve actuator mentioned nor is it referenced in the control description or shown in the

drawings. Please clarify if the automatic valve actuator is to be supplied for these pumps.

Paragraphs 2-4.06 and 2-4.07: These two paragraphs mention submersible pumps. The specification is for vertical pumps and vertical pumps are shown in the drawings. Please confirm vertical pumps are to be furnished.

Paragraph 2-5.15: This paragraph calls for a below deck discharge flange. Drawing MB301 shows an above deck discharge flange. Please clarify the pump discharge flange location.

Section 17563 – Pressure and Level Instruments.

Paragraph 2-2.11 – Can you please confirm that Conery is an acceptable manufacturer? The 2902 SPDT float is what we would typically use in the application and it meets the spec exactly. Here is a link to the cut sheet for your review. [https://www.conerymfg.com/upload/documents/products/20121126-1 ---mercury-wide-angle.pdf](https://www.conerymfg.com/upload/documents/products/20121126-1---mercury-wide-angle.pdf)

Answer: Disregard the reference to the automatic valve actuator. Vertical pumps are confirmed. Provide discharge as shown in drawing MB301. Conery is not a mentioned manufacturer. The three listed manufacturers are the preferred suppliers.

23. *With regard to the Foxboro Distributed Control System (DCS) at South River and Intrenchment Creek, there are several DCS enclosures that are old and in need of replacement. However, the specification does not specifically call for their replacement. Would the City like some or all of the DCS enclosures to be replaced as part of this project? If so, can you please list those that the City would like to be replaced?*

Answer: Only what is shown in the contract documents will be replaced or added.

24. *With regard to the loop drawings mentioned in section 17532, subsection 1.3, does the City have existing loop sheets in CAD format that can be edited, or should the bidders assume that all loop drawings will be new.*

Answer: Bidders should assume all loop drawings will be new.

25. *Question five of the statement of bidders qualifications is worded as such to indicate that only joint ventures that have together completed two municipal wastewater projects of at least \$20M in construction value in the past (7) years – projects that have included wastewater pumping and clarification. Is it a*

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requirement that the joint venture members have completed such projects together as a previous joint venture, or can the joint venture members have completed projects of the same requirements individually or a members of a different joint venture team?

Answer: Completed projects are acceptable individually or as members of another joint venture team.

26. *CY119 calls out a reference to drawing MD102 for the Existing Aeration Basin Distribution Box. MD102 does not show any details of the Existing Aeration Basin Distribution Box. Please provide these details.*

Answer: Old aeration basins drawings and details are attached (Sheets 114-119).

27. *Please verify the date and time for the Pre-Bid Conference.*

Answer: See response for Question #14.

28. *Please extend the deadline to submit questions till after the Pre-Bid Conference and the Site Visit.*

Answer: See responses for Questions #7 and #14.

29. *Please extend the Bid Deadline, due to a lack of timely Pre-Bid Conference and Site Visit.*

Answer: See response for Question #1.

30. *Drawing SR102 appears to indicate grating or covers in several locations. Drawing MR102 indicates "access hatch" at these locations but does not specify a material type or reference any detail/specification. Please provide additional information for these access hatches.*

Answer: Access hatch requirements are defined in Section 08305 Floor Access Doors and Hatches. All hatches shall be aluminum material unless otherwise called out on the Drawings.

31. *C/GG505 shows a detail for a self-closing swing gate, but there are none shown on any other drawings. Please advise where self-closing swing gates are located, or if this detail can be disregarded.*

Answer: Disregard Detail C on GG505.

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32. *Is the existing 48" bypass line that gets replaced with a 48" transfer line regularly used? Are there any constraints as to when this can be taken out of service? Ideally the demo of the PCCP pipe would be done when SCRA-10 bar screen is installed. Please confirm if this is acceptable.*

Answer: Coordination of the replacement of this 48-inch bypass line must be coordinated with plant operations staff in advance. There are no major constraints on this line.

33. *Please provide information on the contents of the existing digester that could be converted to Flow EQ as part of the Additive Alternate. Is this digester currently in service? What is the material of the dome? What is the liquid level and solids level of this digester?*

Answer: The digester has been out of service for many years, and the dome is metal with trusses. Assume the sludge level is one-half of the tank.

34. *DG103 shows the GC is responsible for demolishing an unidentified pipe service and structure, located to the left of existing digester #1. Please confirm size, service, approx. depth, and if it is abandoned or in service.*

Answer:

The service for the 30" pipe is Primary Effluent bypass of the Trickling Filters. The structure is Flow Control Structure #3 which can be found on the reference drawings, dated May 10, 1982 included with this addendum, however the drawings are not to be considered as-builts and the Contractor will be required to verify information contained within. The pipe and flow control structure are still in service and the Contractors will be required to coordinate, and sequence all work as required in the Contract Documents and to maintain facility operations.

35. *Specification 13231 includes items that are the responsibility of the contractor and owner. Please clarify which portions of the specification are part of the contractors additive alternate and what items, such as the inspection of the tanks, will be the responsibility of the owner.*

Answer: The additive alternate relates to the Digester 1 tank at Intrenchment Creek for this full spec section. Tank inspection at Intrenchment Creek will be by Owner and Engineer. For Digesters 1-3 at South River, paragraphs 3-1 to 3-6 of this spec section will apply.

36. *Note 6 on CY106 refers to MA302. This drawing appears to be missing. Please provide.*

Answer: Disregard the reference to drawing MA302.

37. *Specifications show a table indicating that the Trickling Filters at Intrenchment get completely demolished. However, the drawings show that only 2 of the trickling filters are partially demolished and only done to 2 feet below grade. Please confirm the limits of demolition for the Trickling Filters.*

Answer:

For Trickling Filter demolition area shown as hatched, demolish equipment, filter material, piping and structure (etc.) down through base slab and fill excavation with stabilized rock and soil. For Trickling Filter areas shown as partial demolition, demolish piping mechanism, trickling filter walls, filter media, all rock, grit and settled material to 2 feet below grade, and to the extent necessary, and fill excavation with stabilized rock and soil.

38. *The New Transfer Pump Station is almost 30' deep and will be much deeper than the existing structure. the increase in depth requires much more demolition than the 2' below grade that is specified. Please confirm limits of demolition.*

Answer: See response for Question #37.

39. *Please confirm demolition limits of the trickling filter. 2' below grade will not be sufficient for installation of the 36" pipe.*

Answer: See response for Question #37.

40. *There is an existing 24" line going to the existing EQ tank from the existing transfer pump station at the Intrenchment Creek Site. Is this line active? If so please provide a shutdown window allowed?*

Answer: This line is active and must be planned to be taken down during forecasted dry periods, and must be coordinated with plant operations staff in advance.

41. *Drawing CY 119 has a note next to the Existing Aeration Basin Distribution Box that refers to MD 102. MD 102 does not provide details. Please provide details and elevations.*

Answer: See response for Question #26.

42. *Drawing MC 102, Section 1 shows (3) 1" FECL3 lines being installed below the existing slab (typ.). Is the intent to install the entire run of these lines below the existing slab? Is the under-side of the slab accessible such that major structural*

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demolition and removal of the existing polymer systems will not be necessary for this installation? Please provide details.

Answer: There is a crawl space under the building that will allow the piping to be installed below the slab.

43. *Are the FECL3/ALUM Pumps to be demolished out of service? If not, are there any specific requirements for their demolition (i.e. one must remain in-service at all times)?*

Answer: One pump must remain in service at all times.

44. *The Digester Control Building is shown to be demolished in its entirety, but Digester #1-3 only shows to be demolished to 5' below grade. Is the cost of the full demolition of Digester #1-3 to be added into the bid alternate for Primary Clarifier B4?*

Answer: No – this demolition should be in the base bid.

45. *Please provide desired location for new (relocated) power lines at SRWRC.*

Answer: There are no new overhead power lines as a part of this project. Power is distributed from Substation #2 to Switchboard HH via underground concrete encased ducts per the contract documents.

46. *Specification 13231 (Digester/Sludge Tank Cleaning) mentions a required submittal for “description of housekeeping procedures for temporary screening and dewatering facility”. Please provide further details on the requirement for the temporary screening and dewatering facility.*

Answer: The screening and dewatering of the digester and other tanks' contents is the responsibility of the Contractor to prepare the material to where it can be properly disposed.

47. *Note 1 on drawing DG125 refers to drawing DG120 for details on temporary connections to the Primary Influent Bypass line, but no such details are provided. Please clarify.*

Answer: Change notation from DG120 to CY 120.

48. *The Preliminary Treatment Building has (2) 48" SS which meet at an existing junction box. Can one of those lines be taken out of service for extended periods during construction? What temporary means would be necessary to facilitate that?*

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No details have been provided for the Preliminary Treatment Building. Please clarify and provide details.

Answer: The bypassing must be included in a shutdown plan and must be coordinated with plant operations staff in advance.

49. *Erosion & Sediment Control Plans show "Truck Washdown Areas" in the initial and intermediate phases but no details have been provided. Please advise on requirements.*

Answer: A simple system is needed where a spray hose is used to wash down mud and dirt off of trucks at the construction exit, so that that material is not taken off of the site onto public rights-of-way.

50. *There is a structure shown south of the Gravity Thickeners which is not noted for demolition on drawing DG119 and its piping is not shown for demolition on drawing DG124, but the structure and piping are not shown in the construction drawings. Is this structure being demolished or preserved? Please clarify and provide details so that the demolition can be quantified, or so that the structure can be supported throughout construction.*

Answer: This structure is the Sludge Valve Box and it can be deleted. A detail of this box is attached, however, from the picture we do not appear to have drawings of the portion that has been added to this box. It is not necessary to demolish the piping from this box, unless it impedes other construction activities.

51. *Please provide a section cut of the existing Aeration Tanks for planning support of excavation to ensure that the structure is not undermined.*

Answer: See response for Question #26.

52. *The bid specifications indicate the contractor is required to obtain a Norfolk Southern Railroad Crossing or Occupancy Permit. Please advise as to the cost of this permit.*

Answer: Reference to a railroad crossing or permit can be deleted from the project.

53. *For the purpose of obtaining railroad protective liability insurance please provide the following:*
- a. Limits of insurance required by Norfolk Southern Railroad*
 - b. Number and type of trains that pass per day (passenger/freight/unscheduled)*
 - c. Explain any slow orders in effect*
 - d. Will railroad flagmen be required?*

Answer: See response for Question #52.

54. *Please advise if Norfolk Southern Railroad offers a master railroad protective liability policy that could be used in lieu of contractor purchasing a separate policy. If yes, please advise as to the cost of the policy.*

Answer: See response for Question #52.

55. *Appendix B – Insurance & Bonding Requirements, G. Pollution Liability Requirements indicates operations coverage. Please confirm if contractor can satisfy the completed operations requirement by providing renewals of a corporate pollution liability policy for a 3-year consecutive period. (OCC)*

Answer: Policy renewals are not accepted as a substitute for a 3 year (ERP) Extended Reporting Period. The Extended Reporting Period is policy provision that is usually standard on Pollution Liability Policies. Please check with your agent or broker to ensure that your Pollution Liability Insurance has an ERP of at least 3 years.

56. *During start-up and testing will the new transfer pump station pumps be allowed to pump to the South River site with the new 36" connection to the existing station, or will it need to be circulated through the intrenchment site and sent over to South River via the existing transfer pump station?*

Answer: Yes – it can be pumped to South River.

57. *Is this specification also applicable to the existing digesters to be demolition at South River site?*

Answer: If you are referring to spec Section 13231, yes.

58. *The new 72" pipe to the aeration basins is called out as ductile. 72" ductile iron pipe is not produced. Please advise on an acceptable material type.*

Answer: Prestressed concrete cylinder pipe.

59. *The Existing 72" line is being tied into a line of unspecified material type. Please advise on the material type.*

Answer: Prestressed concrete cylinder pipe.

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60. *The new 8" sludge line is called out as "Not in this contract", however, this sludge line appears to be connected to this scope of work. Please confirm if this line should be included in this contract or not.*

Answer: It is unclear to what the question is referring.

61. *Does the existing 6" SSM line need to remain in service during the duration of construction? It appears to run thru the vicinity of the new proposed clarifiers and head towards the existing digester complex.*

Answer: If you are referring to drawing CY119 shows the line being diverted to the digesters during construction.

62. *Please provide details for the existing aeration basin distribution box at South River WRC.*

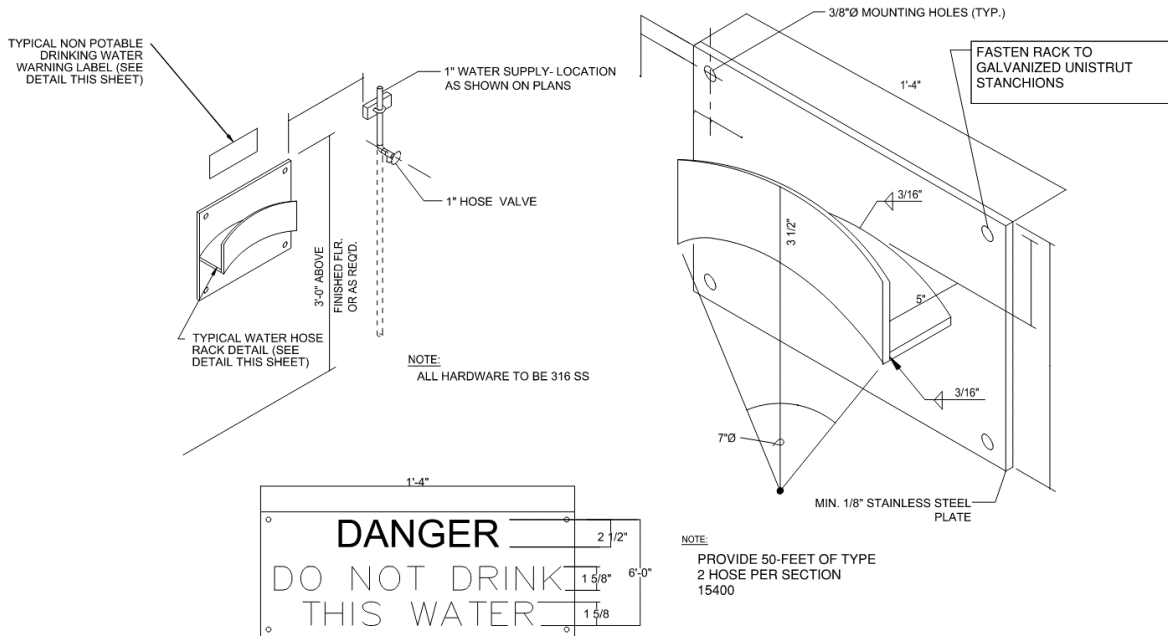
Answer: See response for Question #26.

63. *Section GC 37 of the General Conditions states that the City shall have authority to decide all questions as to interpretation and fulfillment of the requirements and obligations of the Agreement Documents, including, without limitation, all questions as to the prosecution, progress, quality, and acceptability of the Work. Please clarify that the Contractor, while bound to proceed in accordance with the City's decisions, can seek relief through the Disputes provisions of the Contract if the Contractor disagrees with the City's interpretations and decisions.*

Answer: Any disputes or disagreements that may arise shall be addressed in accordance with the Dispute Resolution provisions set forth in the Agreement Documents.

64. *Note 8 states that the hose rack will be contractor supplied and installed per owner selection. Please provide specification or guideline on requirements of the hose rack (i.e. materials of construction, capacity, reel vs rack, inclusion of hose and nozzle, etc.).*

Answer: See Detail provided below.



HOSE RACK DETAIL

65. *There is a specification section for Overhead Coiling Service Doors (08330), however no overhead doors are shown on the drawings. Please provide the locations and sizes of all overhead doors.*

Answer: Please disregard this section from the specification.

66. *Section 01664 paragraph 2-5 states that the city will video tape all training sessions. Section 17500 Paragraph 3-5.01.02 states that the system supplier will video tape all division 17 training sessions. Please confirm that the owner will video tape all training sessions.*

Answer: Equipment supplier or contractor will videotape all training sessions.

67. *Reference section 01650 paragraph 1-4.01. Please confirm that the owner will pay for all power, fuel, compressed air supplies, water, and chemicals; as well as all labor for all completed areas during acceptance testing and prerequisites.*

Answer: See response for Question #8.

68. *Please provide detail on the contents (liquids and solids) for each of the tanks to be demolished. Will the contractor be responsible for removing and disposing of these contents? Please advise on scope and quantities for bidding purposes.*

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Answer: Contractor is to assume that the digester at Intrenchment Creek is half full of sludge, and that the three digesters at South River are full of sludge to within 2 feet from the top of cone. Other tanks should be assume as full, unless seen in the virtual site visit. The contractor is responsible for removing and disposing all contents. The contractor may consider an agreement with the annual biosolids contractor at the on-site lime stabilization facility.

69. *SC-1 requires surveys of "the interior...of buildings, structures, facilities" "in the vicinity of" construction operations. Please identify the specific facilities or buildings to be surveyed (or a reasonable radius). If these are privately owned, please confirm City has procured all necessary agreements and licenses for contractor to perform this survey (including as implied by SC-2) or Contractor will be excused from its performance.*

Answer: Contractor to provide survey within 20 feet of construction operations. No privately owned structures are involved.

70. *SC-22 contains partnering requirements and includes a provision for a Disputes Review Board (A)(2). General Conditions Section GC-57 does not provide this requirement. Is the Conflict Resolution System in SC-22 (A)(2) required to resolve any Disputes under the Agreement in advance of mediation and/or binding dispute resolution per GC-57?*

Answer: Yes, to partnering no to Disputes Review Board.

71. *Please provide a process flow diagram of how both plants are currently being utilized and which structures are not currently in service.*

Answer: Intrenchment Creek: See drawings referenced in #34 for a general process flow diagram. The plant is currently operated as follows: Flow through the headworks, primary clarifiers, second stage trickling filters and final settling tanks (during low flows), first stage trickling filters and intermediate settling tanks (during high flows) and to the existing effluent pump station, The recirculation pump station also recirculates flow through the distribution system which also includes the equalization tank (not shown on the process flow diagram). The primary sludge pump station, digesters and related equipment, and final sludge pump station are out of service.

South River: Flow through the climber screens, grit chambers, drum screens, north and south primary clarifiers (at times), aeration basins, final clarifiers, effluent filters, UV disinfection, and re-aeration to the effluent pump station. The process components shown as to be demolished are not in service.

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72. *Please provide a size or picture of the existing fan that is to be demolished on drawing DG132.*

Answer: An old drawing and current picture are attached.

73. *Agreement Article 4 requires Contractor to keep information and documents "given to, prepared by or assembled by contractor" confidential and "not be made available to any individual or organization by contractor" without the City's written approval. Please confirm that this restriction does not apply to subcontractors and suppliers approved to perform the Work.*

Answer: The City's written approval applies to anyone or any subcontractor or vendor on a contractor's team.

74. *Section 17500 paragraph 1-2.04.1.e states, "The General Contractor must name his/her proposed Instrumentation and Controls Subcontractor and Control System Subcontractor(s) in the bid documents". Where in the bid submission documents is this required?*

Answer: Item will be added to the bidding documents.

75. *Effluent Line "E" connects the South Primary Clarifier effluent line to the Jonesboro Rd. Pump Station sewer system. The elevations provided in the sections show that the grade of Effluent Line "E" will drop from the South Primary Clarifiers to the Jonesboro Rd. Pump Station sewer system. Further north, this same line ties into the Aeration Tank influent line, which is at a higher elevation. Still further north, Effluent Line "A" connects to this line. Please describe the engineer's intent as to how this line will function in normal operations.*

Answer: This is a bypass line which will be used when the plant decides or needs to send flow from Intrenchment Creek to the South River headworks and will come from the diversion structure.

76. *Reference section 17500, paragraph 3-4.01. Please confirm that the actual field devices such as flow meters, VFDs, Equipment panels etc. are not required for the FAT and that these signals can be simulated by the systems supplier.*

Answer: Correct, signals can be simulated.

77. *Spec section 10430 Exterior Signs, item 3-4 "Schedules" indicates to "Coordinate schedules with Engineer." Please provide a schedule for exterior signs.*

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Answer: Provide one sign each for: Transfer Pump Station; Transfer Pump Station Electrical Building; EQ Basin 2 (if built); Primary Clarifier B2; Primary Clarifier B3; Primary Clarifier B4 (if built); Influent Diversion Box; Clarifier Influent Junction Box; Primary Headhouse; Primary Headhouse Electrical Building; Primary Clarifier Junction Box; Influent Meter Box 1; Influent Meter Box 2; and Intrenchment Creek Influent Flow Meter Vault.

78. *Please confirm that the requirement to place filter fabric and granular fill on-top of a bedrock subgrade applies to all new primary clarifiers.*

Answer: Contract price shall include the cost of filter fabric and granular fill at all new primary clarifiers as shown and specified in Bid Documents.

79. *Question #5 of the SBQ asks the bidder to "list previously completed or current projects which are similar...". In addition, a company project experience form is provided at the end of the section. Are we required to submit both the list (as indicated in Question 5) and the provided project experience forms?*

Answer: Yes.

80. *Please confirm that the submission needs to include two Project Field Superintendent experience forms, per question #7b in the SBQ.*

Answer: Confirmed – one experience form is required for each project reference.

81. *Reference question 5 of the Statement of Bidders Qualifications : In the case of a newly formed JV, if one of the members of the JV has successfully completed at least two municipal wastewater projects of at least \$20 million in construction value in the past seven years" does that meet the basis of qualification?*

Answer: See response for Question #25.

82. *Spec section 10990 specifies fire extinguishers and fire extinguisher cabinets, however there is no additional information provided for how many extinguishers/cabinets are to be provided. Please provide additional information.*

Answer: Provide one multipurpose dry chemical extinguisher at each of the following locations: Transfer Pump Station Electrical Building; Primary Headhouse (lower level); Primary Headhouse Electrical Building; and Chemical Building.

83. *Earl Soesbe Company, Inc., the manufacturer listed in specification section 14700 screening dumpsters, does not appear to be in business any more. Please advise an acceptable alternate manufacturer.*

Answer: Wright, 2 cubi yard, heavy duty, self-dumping hopper or equal.

84. *With regard to the 100 series Fieldbus Modules referenced in section 17523, there are two methods to replace them with 200 series Fieldbus Modules. The first method is to retain the existing termination assemblies and use termination assembly adapters. In this way, there is no need to de-terminate and re-terminate the field wiring. The second method is to replace the termination assemblies with new 200 series termination assemblies. The specification does not state which method should be used. Can you please clarify if the City would like to retain the existing termination assemblies or replace them with new 200 series termination assemblies?*

Answer: Design intent is to retain the existing termination assemblies and use termination assembly adapters as required for the new 200 series Fieldbus Modules.

85. *In reference to the subject project, can you please provide clarifications for the following items?*

Section 11120 – Horizontal Self-Priming Centrifugal Pumps

Paragraph 2-3.

- *The pump model is called out as T6A3-B. This is the older model of the Gorman-Rupp pump. The “Super T” series is recommended for this application for the adjustable wear plate clearance features. The Super T pump model is T6A3S-B.
<https://www.youtube.com/watch?v=IC6dDPYJiRk>*
- *Due to the amount of stringy solids in the MLSS at the South River WRC, it is recommended that the Gorman-Rupp Eradicator self-cleaning wear plate feature be provided for these pumps. Consider modifying the spec to include the Eradicator. <https://www.youtube.com/watch?v=2-pqMEQmNAU> Note that the Eradicator can be added to a GR pump in the field, but only to the Super-T series pump.*
- *Maximum (nominal) pump operating speed at rated head, rpm. To meet the design flow requirement of 600 gpm @ 100 ft of head, the pump would need to run at 1550 rpm. It is requested that the pump speed be modified from 1450 rpm to 1550 rpm.*

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Answer: Change the Gorman-Rupp pump to model T6A3S-B, with the Eradicator. 1550 rpm is acceptable. An acceptable alternative is Goulds Pump series 3796 iFRAME.

86. *Contract Drawing MP101 indicates pumps PCL-10, PCL-20, PCL-30 and PCL-40 with 24" discharge pipe tying into a 36" header. CY106 indicates the yard pipe tying into the header pipe as being 36". IP001 shows this header as being 24". Please confirm this header pipe should be 36".*

Answer: Confirmed, change IP001 header to 36" for referenced pumps.

87. *Contract Drawing MP101 indicates an 8" DIP pipe extending Northeast from the Surge Anticipator Valve along the edge of the structure and terminating into the wetwell below. IP001 indicates the Pump Station Anticipator Surge Valve as discharging to the atmosphere. Please confirm this is a 8" DIP pipe per MP101 and terminates at the underside for the wetwell roof.*

Answer: Confirm: Surge anticipator valve piping is per MP101 and terminates at the underside for the wetwell roof.

88. *Please provide P&ID drawings for pumps PPS-11 and PPS-12 listed in Specification Section 11120 Horizontal Self- Priming Centrifugal Pumps and indicated on drawing MR101.*

Answer: Refer to drawing IR003.

89. *Per Specification Section Circular Clarifier Equipment 11410-2-6.06 Field Painting "All non-submerged stainless steel components and all stainless steel components installed within 3 inches below the minimum water surface elevation shall be field painted with epoxy enamel. Preparation and painting of the stainless steel components shall be as specified in the Protective Coatings section." Per 09940 Protective Coatings 09940-3-8.01 Surfaces Not To Be Coated: "Polished or finished stainless steel. Unfinished Stainless steel, except flashings and counter flashings shall be coated." 11410-2-6.01 Fabrication states "The materials of construction for the bridge support structure, equipment platform, and all collector components in contact with liquid, including scum skimmer components, shall be 316L stainless steel." Please confirm that the stainless steel components for the Primary Clarifier Equipment do not have to be field painted.*

Answer: Disregard the requirement for epoxy coating of stainless steel at the clarifiers.