

ADDENDUM NO. 2

ATLANTA-FULTON COUNTY WATER TREATMENT PLANT BULK HYPOCHLORITE SYSTEM AND FILTER/PLATE SETTLER IMPROVEMENTS

ATLANTA-FULTON COUNTY WATER RESOURCES COMMISSION JOHNS CREEK, GEORGIA

June 15, 2010

ADDITIONAL INFORMATION DOCUMENTS

The following document:

- Questions and Responses No. 1

is being provided with this addendum for informational purposes only. The document listed above is not, and will not, be considered as part of the Contract Documents.

TABLE OF CONTENTS

Page 00010-1, Vol I and Vol II, Appendices,

Delete, "D Local Bidder Preference Program"

INSTRUCTIONS TO BIDDERS

1. Instructions to Bidders, Page 4, Article 2, delete fourth paragraph in its entirety.

2. Instructions to Bidders, Page 12, Article 22,

Delete, "BID SCHEDULE;"

Delete, "CHECKLIST"

3. Instructions to Bidders, Page 9, Article 13, eighth sentence,

Change, "...until the ninetieth (90th) calendar day..."

To

"...until the sixtieth (60th) calendar day ..."

4. Instructions to Bidders, Page 9, Article 29, Paragraph f, delete first sentence in its entirety and replace with the following:

"Bids will be evaluated on the basis of determining the lowest Bid total of a Bidder based on the base bid price plus any combination of alternates selected by the Owner, whose Bid is responsive to the Invitation to Bid and who is determined to be technically, financially and otherwise responsible to perform the Agreement satisfactorily, and to meet all other requirements of the Bidding Documents relating thereto. The evaluation does not require the Owner to select an alternate."

5. Instruction to Bidders, Page 19, delete Article 37 in its entirety and replace with the following:

“37. EXECUTION OF AGREEMENT

Subsequent to the award and within fifteen (15) days after the prescribed forms are presented for signature, the successful Bidder shall execute and deliver to the Commission five (5) copies of the Commission-Contractor Agreement as included in the Agreement Documents and provide performance and payment bonds and insurance certificates. The failure of the successful Bidder to execute the Commission-Contractor Agreement and to supply the required bonds within fifteen (15) days after the prescribed forms are presented for signature, or within such extended period as the Commission may grant, based upon reasons determined sufficient by the Commission, shall constitute a default, and the Bidder shall forfeit the Bid Guarantee and the Commission may either award the Agreement to the next lowest responsive Bidder or re-advertise for Bids, and may proceed against the bid guarantee of the defaulted Bidder. If a more favorable Bid is received by re-advertising, the defaulting Bidder shall have no claim against the Commission for a refund.”

DRAFT COMMISSION CONTRACTOR AGREEMENT

1. Draft Commission Contractor Agreement, Page 4, Article 3,
Delete, “Appendix D: Local Bidder Preference Program”
2. Draft Commission Contractor Agreement, Page 6, Article 10, first sentence,
Change, “...within six hundred forty (640) calendar days from issuance of the Notice to Proceed and fully complete the Work within six hundred ten (610) calendar days...”
To
“...within six hundred (600) calendar days from issuance of the Notice to Proceed and fully complete the Work within six hundred forty (640) calendar days...”
3. Draft Commission Contractor Agreement, Page 6, Article 10,
Change, “Substantial Completion: \$1,000.00 per day
Final Completion: \$500.00 per day”
To
“Substantial Completion: \$1,700.00 per day
Final Completion: \$1,500.00 per day”

APPENDICES

1. Delete Appendix B in its entirety and replace with revised Appendix B included with this addendum.
2. Delete Appendix D in its entirety.

SECTION 09900

1. Page 09900-16, above schedule for System: 247,

Add,
“

System: 234		Surface Preparation: CC-3				
Type: Epoxy						
Use: Exterior Masonry						
Coat	Minimum Dry Film Thickness (Mils)	Carboline	Tnemec	Induron	Ameron	Sherwin Williams
1st	8.0 – 10.0	Sanitile 600/600 TG	Series 156 Enviro-Crete	AC-403	Amerlock 400BF	Loxon Primer
2nd	5.0 – 7.0	Carboguard 890	Series 156 Enviro-Crete	AC-403	Amerlock 2	Loxon Masonry Coating
3rd	As Needed	-			---	Loxon Masonry Coating
System	13.0					

“

SECTION 11215

2. Page 11215-5, delete Article 2.07 in its entirety and replace with the following,

“2.07 Accessories

- A. The pump manufacturer shall supply each pump complete with a cord and plug.
- B. Calibration Columns: Where shown on the Drawings, suction piping shall have provisions provided by the Contractor for permanent installation of a removable and transferable calibration chamber. The graduated translucent calibration chamber shall be 4000 mL capacity and constructed of PVC. The calibration chamber shall be easily removable.”

3. Page 11215-7, Table 1, Minimum Capacity Turn Down, three occurrences,

Change, “300:1” To “50:1”

4. Page 11215-7, Table 1,

Change, “Horsepower” To “Maximum Horsepower”

SECTION 11325

1. Page 11325-3, Article 1.03 Design Criteria, following Paragraph E,
Add, “F. The products supplied under this Specification shall be tested to ensure compliance with the referenced standards. Prior to fabrication, testing shall be performed by an independent third party test agency acceptable to the Engineer.”

2. Page 11325-3,
Change, “1.03 Submittals” To “1.04 Submittals”

Renumber subsequent articles.

3. Page 11325, new Article 1.04 Submittals, Paragraph C, delete Paragraph 2 in its entirety and replace with the following,

“2. Third-party test results which verify conformance with ANSI/NSF61 classification.”

4. Page 11325-4, Article 2.01,

Change, “...or Meurer Research, Inc.”
 To
 “...Meurer Reseach, Inc. or Jim Myers & Sons, Inc.”

SECTION 11374

1. Page 11374-1, Article 1.01, Paragraph A., first sentence,

Change, “...filter underdrain from twelve...”
 To
 “...filter underdrain and gravel from twelve...”

2. Page 11374-1, Article 1.01, Paragraph B., first sentence,

Change, “...filter media and furnishing...”
 To
 “...filter media and gravel and furnishing...”

3. Page 11374-2, after Article 1.03,

Add, “1.04 Quality Assurance

 The demolition of the existing filter underdrains and installation of the new shall be performed by a specialty contractor with a minimum 10 underdrain construction projects completed, with five underdrain system installations completed in the last 10 years. At least two of the installations shall be underdrain replacement projects.”

4. Page 11374-2, Article 2.02, delete Paragraph A in its entirety and renumber subsequent paragraphs.

11. Sheets I-200-04, -05 and -06, delete pulsation dampeners and associated isolation valves and pipe tees.
12. Revise Sheet I-200-08 in accordance with Sketches I-1 and I-2 included with this addendum.
13. Sheet D-DT-01, delete Details 2202 and 2208 in their entirety.

Bidder Must Acknowledge Receipt of this Addendum on Bid Form

Williams-Russell and Johnson, Inc. / Jordan, Jones and Goulding, Inc.
A Joint Venture
6801 Governors Lake Parkway, Building 200
Norcross, Georgia 30071
770.455.8555

APPENDIX B
2nd REVISION INSURANCE & BONDING REQUIREMENTS
FC-5076 Bulk Hypochlorite System and Filter/Plate Settler Improvements

A. Preamble

The following requirements apply to all work under the agreement. Compliance is required by all Contractors/Consultants. To the extent permitted by applicable law, the **Atlanta-Fulton County Water Resources, a Joint Venture between the City of Atlanta and Fulton County ("AFCWRC") reserves the right to adjust or waive any insurance or bonding requirements contained in this Appendix B and applicable to the agreement.**

1. Evidence of Insurance Required Before Work Begins

No work under the agreement may be commenced until all insurance and bonding requirements contained in this Appendix B, or required by applicable law, have been complied with and evidence of such compliance satisfactory to AFCWRC as to form and content has been filed with AFCWRC. Contractor/Consultant must provide AFCWRC with a Certificate of Insurance that clearly and unconditionally indicates that Contractor/Consultant has complied with all insurance and bonding requirements set forth in this Appendix B and applicable to the agreement. The firm named in the contract as the **Prime Contractor/Consultant must also be listed on the certificate of insurance as the Insured.** In accordance with the solicitation documents applicable to the agreement at the time Contractor/Consultant submits to AFCWRC its executed agreement, Contractor/Consultant must satisfy all insurance and bonding requirements required by this Appendix B and applicable by law, and provide the required written documentation to AFCWRC evidencing such compliance. In the event that Contractor/Consultant does not comply with such submittal requirements within the time period established by the solicitation documents applicable to the agreement, AFCWRC may, in addition to any other rights AFCWRC may have under the solicitation documents applicable to the agreement or under applicable law, make a claim against any bid security provided by Contractor/Consultant.

2. Minimum Financial Security Requirements

All companies providing insurance required by this Appendix B must meet certain minimum financial security requirements. These requirements must conform to the ratings published by A.M. Best & Co. in the current Best's Key Rating Guide - Property-Casualty. The ratings for each company must be indicated on the documentation provided by Contractor/Consultant to AFCWRC certifying that all insurance and bonding requirements set forth in this Appendix B and applicable to the agreement have been unconditionally satisfied.

For all agreements, regardless of size, companies providing insurance or bonds under the agreement must meet the following requirements:

- i) Best's Rating not less than A-,
- ii) Best's Financial Size Category not less than Class IX, and

- iii) Companies must be authorized to conduct and transact insurance contracts by the Insurance Commissioner, State of Georgia.
- iv) All bid, performance and payment bonds must be underwritten by a U.S. Treasury Circular 570 listed company.

If the issuing company does not meet these minimum requirements, or for any other reason is or becomes unsatisfactory to AFCWRC, AFCWRC will notify Contractor/Consultant in writing. Contractor/Consultant must promptly obtain a new policy or bond issued by an insurer acceptable to AFCWRC and submit to AFCWRC evidence of its compliance with these conditions.

Contractor/Consultant's failure to comply with all insurance and bonding requirements set forth in this Appendix B and applicable to the agreement will not relieve Contractor/Consultant from any liability under the agreement. Contractor/Consultant's obligations to comply with all insurance and bonding requirements set forth in Appendix B and applicable to the agreement will not be construed to conflict with or limit Contractor/Consultant's/Consultant's indemnification obligations under the agreement.

3. Insurance Required for Duration of Contract

All insurance and bonds required by this Appendix B must be maintained during the entire term of the agreement, including any renewal or extension terms, and until all work has been completed to the satisfaction of AFCWRC.

4. Notices of Cancellation & Renewal

Contractor/Consultant must, notify the Atlanta-Fulton County Water Resources, a Joint Venture between the City of Atlanta and Fulton County in writing at the address listed below by mail, hand-delivery or facsimile transmission, within 2 days of any notices received from any insurance carriers providing insurance coverage under this Agreement and Appendix B that concern the proposed cancellation, or termination of coverage.

68 Mitchell St. Suite 9100
Atlanta, GA 30303
Facsimile No. (404) 658-7450

Confirmation of any mailed notices must be evidenced by return receipts of registered or certified mail.

Contractor/Consultant shall provide the AFCWRC with evidence of required insurance prior to the commencement of this agreement, and, thereafter, with a certificate evidencing renewals or changes to required policies of insurance at least fifteen (15) days prior to the expiration of previously provided certificates.

5. Certificate Holder

The **Atlanta-Fulton County Water Resources, a Joint Venture between the City of Atlanta and Fulton County** must be named as certificate

holder. All notices must be mailed to the attention of **Risk Management** at **68 Mitchell Street, Suite, 9100, Atlanta, Georgia 30303.**

6. Project Number & Name

The project number and name must be referenced in the description section of the insurance certificate.

7. Additional Insured Endorsements – Form CG 20 10 (11/85) or its equivalent

The AFCWRC must be covered as Additional Insured under all insurance (except worker's compensation and professional liability) required by this Appendix B and such insurance must be primary with respect to the Additional Insured. Additional Insured language must read **"In compliance with the contract requirements, certificate holder is an additional insured under the policy."** Confirmation of this must unconditionally appear on any **Certificate of Insurance** provided by Contractor/Consultant as evidence of its compliance with this Appendix B. **Contractor/Consultant must also submit to AFCWRC an Additional Insured Endorsement (Form CG 20 10 (11/85) or its equivalent) evidencing AFCWRC's rights as an Additional Insured for each policy of insurance under which it is required to be an additional insured pursuant to this Appendix B. Endorsement must not exclude the Additional Insured from Products - Completed Operations coverage. The AFCWRC shall not have liability for any premiums charged for such coverage.**

8. Mandatory Sub-Contractor/Consultant Compliance

Contractor/Consultant must require and ensure that all subContractor/Consultants/subconsultants at all tiers to be sufficiently insured/bonded.

9. Self Insured Retentions, Deductibles or Similar Obligations

Any self insured retention, deductible or similar obligation will be the sole responsibility of the contractor.

10. Task Order (if applicable)

Evidence of compliance with insurance requirements must be provided on a Task Order basis prior to the issuance of any Notice to Proceed.

B. Workers' Compensation and Employer's Liability Insurance

Contractor/Consultant must procure and maintain Workers' Compensation and Employer's Liability Insurance in the following limits to cover each employee who is or may be engaged in work under the agreement. :

Workers' Compensation. **Statutory**
Employer's Liability:

Bodily Injury by Accident/Disease **\$1,000,000 each accident**
Bodily Injury by Accident/Disease **\$1,000,000 each employee**
Bodily Injury by Accident/Disease **\$1,000,000 policy limit**

C. Commercial General Liability Insurance

Contractor/Consultant must procure and maintain Commercial General Liability Insurance on form (CG 00 00 01 or equivalent) in an amount not less than **\$1,000,000 per occurrence subject to a \$2,000,000 aggregate**. The following indicated extensions of coverage must be provided:

- Contractual Liability
- Broad Form Property Damage
- Premises Operations
- Personal Injury
- Advertising Injury
- Fire Legal Liability
- Medical Expense
- Independent Contractor/Consultants/SubContractor/Consultants
- Products – Completed Operations
- X.C.U. Liability
- Additional Insured Endorsement* (primary & non-contributing in favor of the Atlanta-Fulton County Water Resources, a Joint Venture between the City of Atlanta and Fulton County)
- Waiver of Subrogation in favor of the Atlanta-Fulton County Water Resources, a Joint Venture between the City of Atlanta and Fulton County

D. Commercial Automobile Liability Insurance

Contractor/Consultant must procure and maintain Automobile Liability Insurance in an amount not less than **\$1,000,000** Bodily Injury and Property Damage combined single limit. The following indicated extensions of coverage must be provided:

- Owned, Non-owned & Hired Vehicles
- Waiver of Subrogation in favor of the Atlanta-Fulton County Water Resources, a Joint Venture between the City of Atlanta and Fulton County

If Contractor/Consultant does not own any automobiles in the corporate name, non-owned vehicle coverage will apply and must be endorsed on either Contractor/Consultant's personal automobile policy or the Commercial General Liability coverage required under this Appendix B.

E. Excess or Umbrella Liability Insurance

Contractor/Consultant shall procure and maintain a policy providing Excess or Umbrella Liability Insurance which is at least as broad as the underlying policy. This insurance, which shall be maintained throughout the life of the contract, shall be in an

amount of not less than **\$10,000,000 per occurrence** and will be excess over workers compensation/employers liability, general liability and auto liability.

- Coverage must follow form with primary policy
- May be used to achieve minimum general and auto liability limits
- Coverage must be as broad as primary policy

F. Builders Risk / Installation Floater

Contractor/Consultant shall procure and maintain policy for Builders Risk/ Installation Floater with all risk coverage to cover damage or destruction to renovations, repairs or equipment being installed or otherwise being handled or stored by the Contractor, including off-site storage, transit and installation. The coverage must be in an amount equal to **100 percent of the value of the contract**. The following indicated extensions of coverage must be provided:

- All Risk Coverage
- Loss Payee Endorsement

G. Property Coverage/Inland Marine

Contractor/Consultant shall procure and maintain all risk property coverage in an amount equal to replacement value for all equipment, furniture, fixtures, machinery and/or personal property.

H. Professional Liability Insurance

Contractor/Consultant shall procure and maintain during the life of this contract Professional Liability Insurance in an amount of **\$5,000,000** per occurrence and annual aggregate. The policy will fully address the Contractor/Consultant's professional services associated with the scope of work contained in this document. The policy will include at least a three year Extended Reporting Provision.

I. Pollution Liability

Contractor/Consultant must procure and maintain Pollution Liability Insurance in an amount not less than **\$5,000,000** each occurrence/aggregate. Completed operations coverage shall remain in effect for no less than three (3) years after final completion. This coverage can also be satisfied with an endorsement to the General Liability policy.

J. Performance and Payment Bond

Contractor/Consultant shall furnish a Payment Bond and Performance Bond to the AFCWRC in an amount equal to **100 percent of the total contract value** and for the duration of the entire term.

The person executing the Bonds on behalf of the surety shall file with the Bonds a general power of attorney unlimited as to amount and type of bonds covered by such power of attorney, and certified by an official of said surety.

AFFIDAVIT

STATE OF GEORGIA
COUNTY OF FULTON

Personally appeared before the undersigned, _____

who on oath, says that he/she is _____ and, in such capacity, is authorized to sign this Affidavit, and says on oath that, has submitted to the Commission Bid or offer to do the following Work under Agreement, to-wit:

FC-5076, Atlanta Fulton County Water Treatment Plant Bulk Hypochlorite System Filter/Plate Settler Improvements

Affiant states upon oath that _____, has not, by itself or with others, directly or indirectly, entered into any combination, arrangement or scheme, whatsoever, with any other Bidder to increase the price of said Work, or to offer a different sum from its Bids; and Affiant further states that _____, has entered into no arrangement, expressed or implied, to induce others not to bid, or to do any by-bidding.

Affiant further states that the said Bid of _____ is bona fide, and that has not gone to any furnisher or supplier and attempted to get such person or company to furnish the materials to _____ only, or if furnished any other Bidder, that the material shall be at a higher price.

(COMPANY NAME)

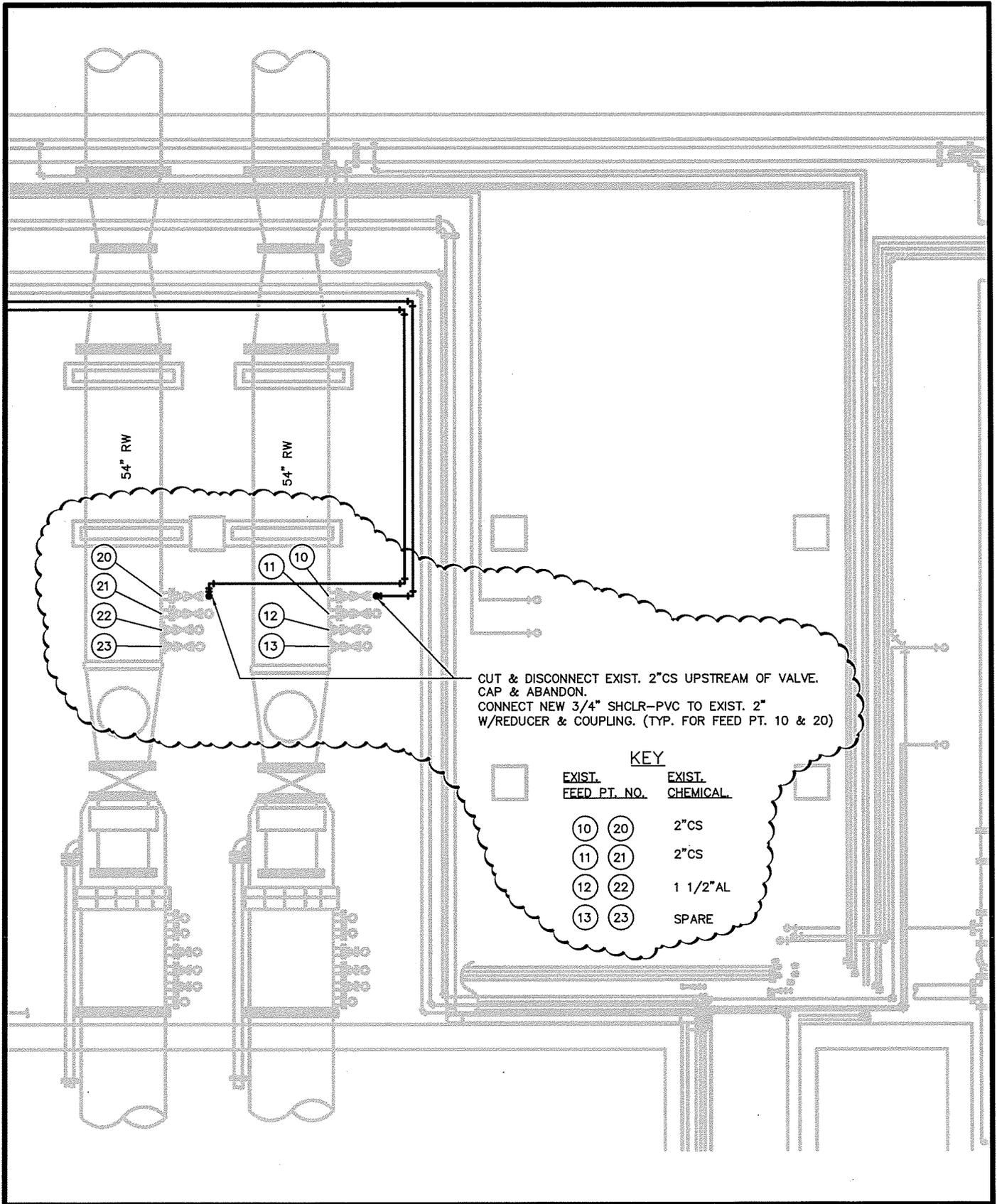
(PRESIDENT/VICE PRESIDENT)

Sworn to and subscribed before me,

this ___ day of _____, 200_____.

Notary Public County: _____
(Secretary)

My Commission expires:
_____.

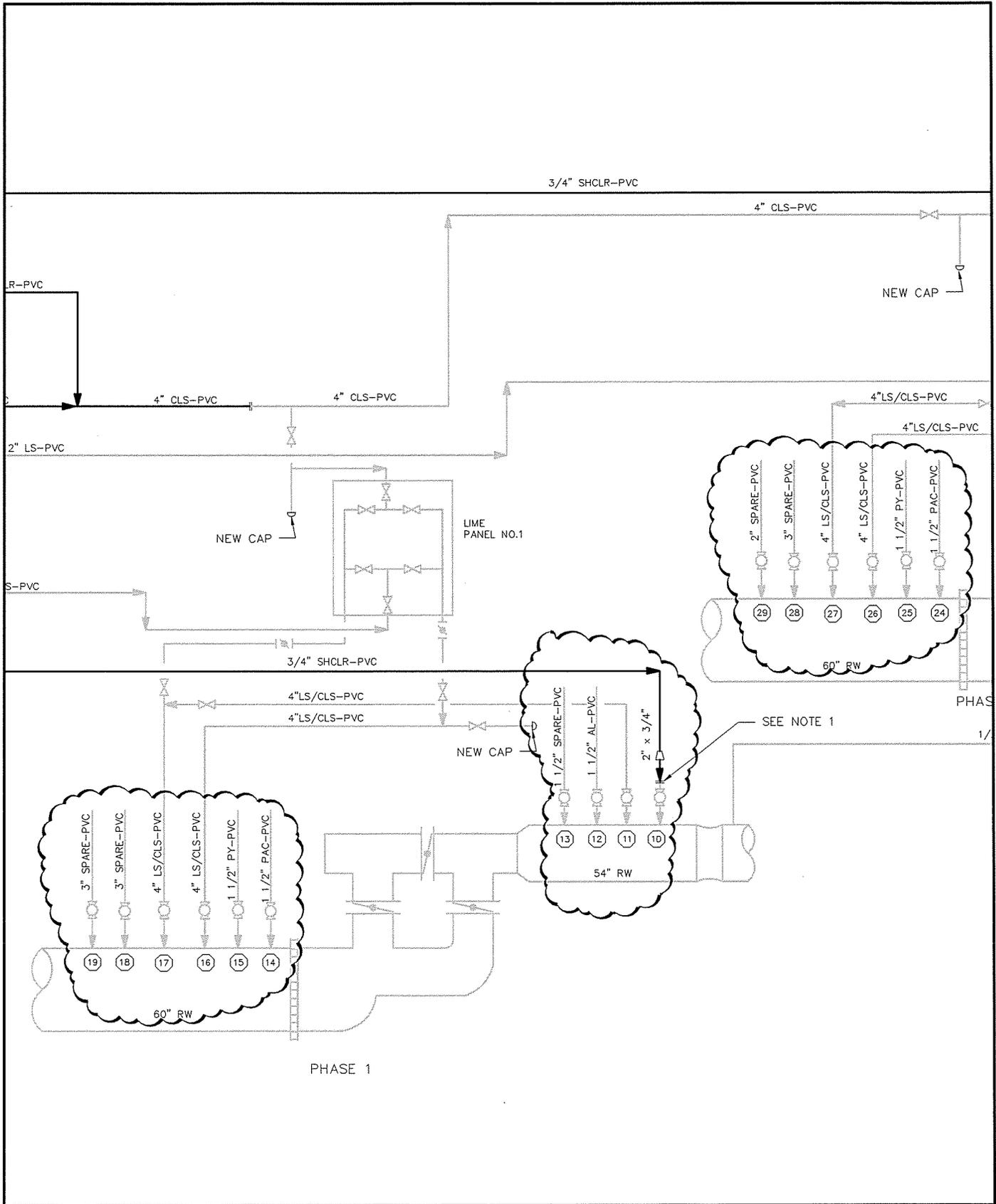


Jordan, Jones & Goulding

BULK HYPOCHLORITE SYSTEM
AND FILTER/PLATE SETTLER
IMPROVEMENTS

CHEMICAL BUILDING
BASEMENT PLAN

PROJECT NO.:	4011008
DATE:	06-04-10
SCALE:	NONE
ADDENDUM NO.:	2
SHEET REVISED:	D-200-01
SKETCH NO.:	P-1

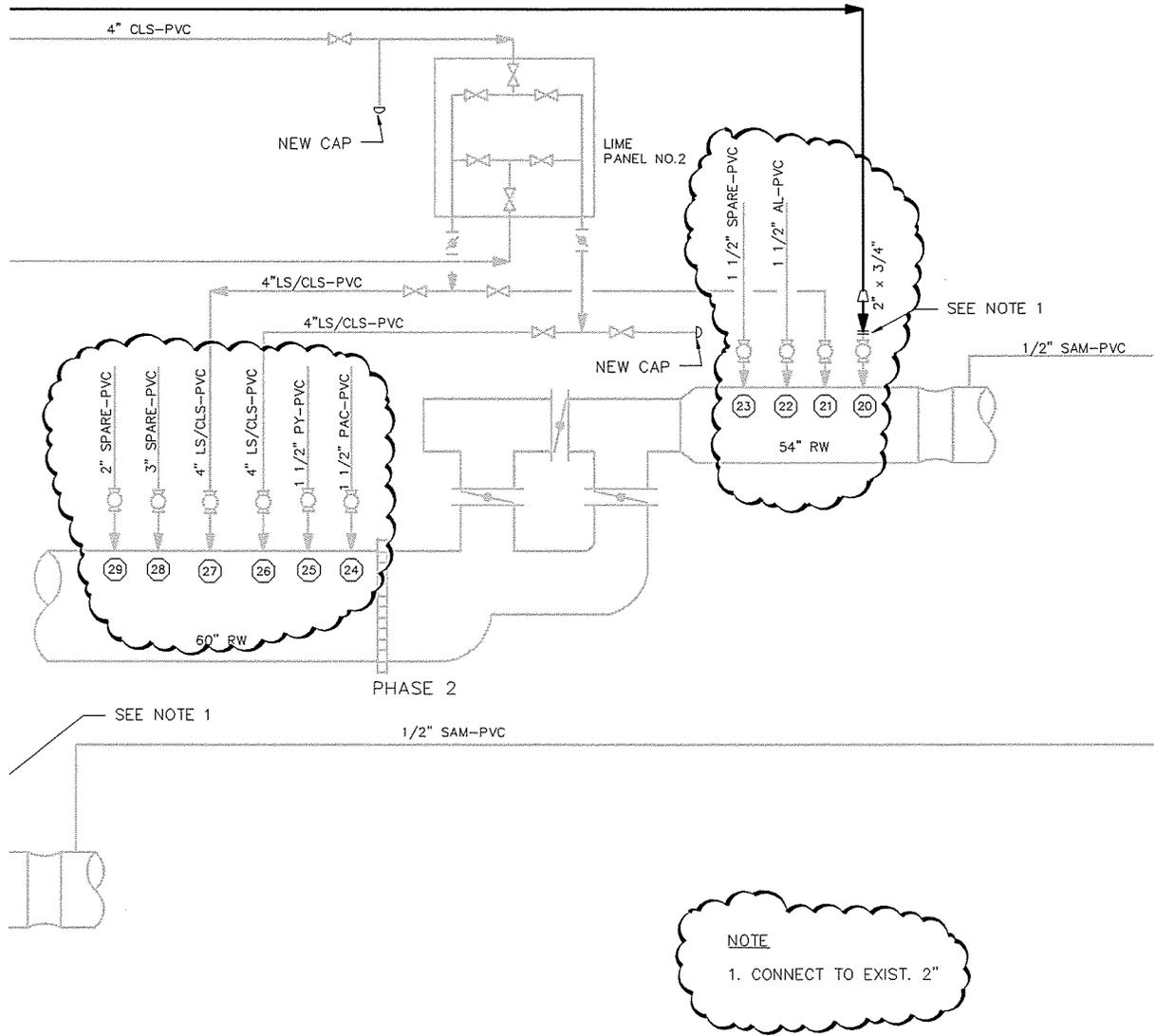


Jordan, Jones & Goulding

BULK HYPOCHLORITE SYSTEM
AND FILTER/PLATE SETTLER
IMPROVEMENTS

CHEMICAL BUILDING
RAW WATER CHLORINE FEED

PROJECT NO.:	4011008
DATE:	06-04-10
SCALE:	NONE
ADDENDUM NO.:	2
SHEET REVISED:	I-200-08
SKETCH NO.:	I-1



Jordan, Jones & Goulding

BULK HYPOCHLORITE SYSTEM
AND FILTER/PLATE SETTLER
IMPROVEMENTS

CHEMICAL BUILDING
RAW WATER CHLORINE FEED

PROJECT NO.:	4011008
DATE:	06-04-10
SCALE:	NONE
ADDENDUM NO.:	2
SHEET REVISED:	I-200-08
SKETCH NO.:	I-2

QUESTIONS AND RESPONSES NO. 1

ATLANTA-FULTON COUNTY WATER TREATMENT PLANT BULK HYPOCHLORITE SYSTEM AND FILTER/PLATE SETTLER IMPROVEMENTS

ATLANTA-FULTON COUNTY WATER RESOURCES COMMISSION JOHNS CREEK, GEORGIA

1. Q: (RC) Please see Page 6 of the "Commission – Contractor Agreement". Top of page, Paragraph 10, the calendar days for Substantial Completion and Final Completion appear to be reversed.

R: See Addendum No. 2
2. Q: (RC) The Liquidated Damages for Substantial Completion and Final Completion, listed on Page 1 of Section 01011 Unique Requirements, are in conflict with those listed on Page 6 of the Commission – Contractor Agreement.

R: See Addendum No. 2
3. Q: (HC)

 - a. The above project document has an Appendix D, Local Bidder Preference Program included. Does City of Atlanta's Bidder Preference apply to this project?
 - b. If it does what is the preference, 5%? Heavy Constructors can only satisfy one of the four criteria to be certified as a local bidder. If the 5% applies it would make no sense for anybody that is not a "certified Local Bidder" to bid this project.

R: a. Local Bidder Preference Program requirement has been removed from this procurement. See Addendum No. 2.

b. See previous response.
4. Q: Is there a published list of who is a certified local bidder? If so, can such a list be made public?

R: Yes. Per written request.
5. Q: (AF) We request to be added through published addendum as a specified manufacturer to the JJG specification 13215 (2.01) for the Fulton Co. Water Resources Commission project bidding on June 10th. The specifications call for stamped ASME RTP-1 Vessels.

R: See Addendum No. 2
6. Q: (WW) The specs reference original shop drawings for the inclined plate settlers that are available upon request from the engineer. Would you please let us know

how to obtain a copy.

R: Shop drawings were made available at the Pre-bid Conference.

7. Q: (JM) We respectfully request that Jim Myers & Sons, Inc. (JMS) be added as an acceptable supplier for Section 11325 (Inclined Plate Settlers).

R: See Addendum No. 2

8. Q: (PG) The spec's say that the owner will hire the geotechnical testing firm. Has a firm been selected?

R: Testing firm has not yet been selected.

9. Q: (SK) Please provide a copy of the shop drawings.

R: Shop drawings were made available at Pre Bid Conference.

10. Q: (CC) The Instructions to Bidders Item #13 states that the Bid Guarantee may be held up to 90 days. Item #29 states that the Bid shall be irrevocable for a period of 60 days. Please clarify the maximum duration that bids may be held.

R: See Addendum No. 2

11. Q: (CC) The Instructions to Bidders Item #22 states that the Bid Schedule and Checklist are to be included with the Bid Submittal. Can you direct us to where the Bid Schedule and Checklist sections are located in the documents?

R: See Addendum No. 2.

12. Q: (CC) Section 11215 directs us use Watson-Marlow Bredel in the base bid and Masterflex in Alternate No. 3 for the peristaltic type tube pumps. Can the Bid Data Item No. 1 on the Bid Form be removed for the peristaltic type tube pumps since this is already defined?

R: No change.

13. Q: (CC) General Conditions section GC-30 states that the Contractor is responsible for travel expenses for a representative of the Designer and the Commission to witness factory testing. Please clarify which specific items on this contract will be required to have factory testing witnessed by the Designer and the Commission.

R: See Addendum No. 2

14. Q: (CC) General Conditions section GC-55.1 states that liquidated damages for delay in substantial completion and final completion are \$1,000/Day and \$500/Day respectively. Section 01011 part 1.02 provides additional milestones and damages including substantial completion and final completion delay damages of \$2,500/Day and \$1,500/Day respectively. Please clarify the

liquidated damage amounts for this project.

R: See Addendum No. 2

15. Q: (MS) I could not find a spec for the calibration chambers or pulsation dampeners shown in the metering pump details and on the P&ID SHEETS.

R: See Addendum No. 2

16. Q: (MS) P&ID sheet I-200-08 , NOTE 1, refers to a detail and no number or sheet # is shown.

R: See Addendum No. 2

17. Q: (MS) Spec Section 15069, 3.03, C (page 6) does not specify the gasket or bolt material required; only refers to painting spec. Section 13000, FRP tank spec. requires all metal associated with SHCLR tanks to be TITANIUM.

R: Materials are not specified in Part 3; refer to Part 2.02.A. and see clarifying specification changes in Addendum No. 2.

18. Q: (RC) On Sheet D-400-04, Sections A & B appear to show the rehabilitated filters. Can you furnish similar section views of the existing filters? I suspect that the existing filters have a 12-inch layer of graded support gravel that was typical of water filters installed in 1988 and 1995. If so, then that would add a significant amount of material to be removed and disposed of.

R: See Addendum No. 2

19. Q: (RC) Please confirm that the Leopold quote and Bid Allowance of \$1,007,646 does not include sales tax, and that the Contractor will need to include the sales tax on that amount in his Base Bid, per instructions in Section 01020 – Equipment Allowances.

R: Per the proposal from Leopold, sales tax is not included in the allowance price. Contractor should include any required sales taxes in the base bid.

20. Q: (RC) I would like to request a copy of the original Shop Drawings for the existing plate setters in the four Phase 2 sedimentation basins, per the reference to same on the first page of Section 11325 in the Specifications.

R: Shop drawings were made available at Pre Bid Conference.

21. Q: (CC) Refer to D-400 series drawings. Can you provide a cross-section of the existing filter media showing the thickness and types?

R: Existing depths of sand and anthracite filter media is not changing from the existing condition. The difference being 12 inches of support gravel is being replaced by an IMS cap in all filters. See Addendum No. 2.

22. Q: (CC) Refer to Section 01011 paragraph 1.11B. What flow rate is required for the temporary sodium hypochlorite transfer pump?
- R: See Addendum No. 2
23. Q: (CC) Appendix B paragraph H requires Contractor/Consultant provide professional liability insurance coverage of \$5,000,000. Please clarify if this is to be provided by the Contractor or by Jordan, Jones & Goulding.
- R: Appendix B contains the insurance and bonding requirements for this project, as required of the Contractor. The engineer's obligations are controlled under a separate agreement with the Owner.
24. Q: (CC) Appendix B paragraph I requires Contractor/Consultant provide pollution liability insurance coverage of \$5,000,000. Please clarify if this is to be provided by the Contractor or by Jordan, Jones & Goulding.
- R: Appendix B contains the insurance and bonding requirements for this project, as required of the Contractor. The engineer's obligations are controlled under a separate agreement with the Owner.
25. Q: (HCC) Reference Instructions to Bidders – Part 1.2 regarding the "local bidder preference program". Please confirm that "local bidders" will receive a 5% "preference" in determining the low responsible/responsive bid for this project in accordance with Atlanta Code 2-1188.1. Who can we contact to determine which planholders/contractors are certified as "local offerors"? As we are considered to be a "non-local offeror", can this requirement be waived for this project? Considering the current economy and market conditions, a 5% "advantage" for local vs. non-local offerors creates a non-competitive playing field – we would have no option other than to not offer a proposal for this otherwise interesting project.
- R: See response to Question 3.
26. Q: (CB) Section 15062 indicates C110 full body DIMJ fittings are required will you allow C153 compact DIMJ fittings? C153 fittings are considerably less in price than C110 due to less weight.
- R: Provide as specified.
27. Q: (RCC) Demolition- 02060-
- a. Are the filters and underdrain removal considered demolition as per 02060?
 - b. Will an enclosure as noted in 02060-3.02-E be required for filter underdrain removal since the filters are outdoors?
- R:
- a. Yes.
 - b. Yes. This is needed to keep debris out of adjacent in-service filters.
28. Q: (RCC) Filter Media- 13226-
- Scope 1.01 A indicates to remove and replace anthracite and sand media. Since no IMS cap currently exist, should this not read remove all existing support

gravel, sand and anthracite? Currently the specifications lead us to believe there is no filter gravel within the cells

R: See Addendum No. 2

29. Q: (RCC) Section 11374/ 3.05 A. references a minimum of 8 trips since only two filters can be off line at any given time, should this not be a minimum of 12 trips for 24 filters?

R: See Addendum No. 2

30. Q: (SK) Specification 04220 Concrete Unit Masonry: " 1.01.D. Glazed Face Size and Joints: Modular 8" x 16", 4" x 16", 8" x 8" and 16" x 16" including 1/4" exposed face joints. Provide glazed corner faced units where required. Provide special shapes to suit conditions shown."

a. Details do not show or mention Cove Base on bottom course of Block Walls. Walls sit on elevated stem walls and do not contact the floor. Is a cove block required for on bottom (first course) of block walls?

b. Corners are show with 4" block that covers steel columns. Is this supposed to be a square corner as shown in Detail 2, 3 and 7 on Drawing A-200-12? Special Corner Shapes do not seem to apply in these locations.

c. Site visit observation in chorine storage room shows Bull Nose block at doorways. This is not mentioned specifically in the specifications, drawing details or drawing notes. Is this required? Are glazed Bull Nose returns and lintel Bull Nose returns required on vertical sides, seals and headers at windows and louvers?

R: a. No cove base block is required.

b. See Addendum No. 2

c. See Addendum No. 2

31. Q: (SK) Drawing A-200-10, Detail 13/A200-13 and 16/A-200-14 are conflicting. Detail 13 shows 10" Block above existing wall and detail 16 shows 8" block. Which is correct?

R: See Addendum No. 2

32. Q: (SK) Drawing A 200-08 &09 shows 8" block on lower courses of East and West walls and 10" block above glass block? Is this correct or should block size be the same above windows as below windows? If there is a transition, at what elevation does the block size change? If there is a transition, at what elevation does the block size change?

R: See Sheets A-200-06 and A-200-07, East and West Elevations, for dimensions

that locate Brick Type 2 which provide the elevation of the block transition.

33. Q: (SK) Drawing A 200-11 Shows 8" Block and detail 19/A-200-16 shows 10" block. Which is correct?
- R: See Addendum No. 2
34. Q: (SK) Drawing A 200-11 and detail 13-A-DT-02 conflict. Drawing shows 8" Lintel Block and Detail 13 shows 10". Which is correct?
- R: Detail 13 governs at this location. See Addendum No. 2.
35. Q: (SK) Drawing A-200-11 indicates screen wall has regular (Not Glazed) 8" block. Could not find a finish schedule or any indication that this block was painted. Are there any requirements to paint this wall?
- R: See Addendum No. 2
36. Q: (SK) It is unclear what material is to be used for the anchor bolts for the chemical storage tanks in 13215. A note in the schedule says titanium shall be used for all metal parts. 2.04 H indicates FRP lugs for the tank hold down. Please confirm properly sized FRP threaded rod may be used for anchor bolts if they are placed with epoxy into the tank pad. Please confirm the flange bolts for the man ways and the pipe connections do not have to be titanium.
- R: Anchor bolts shall be 316 SS. Flange bolts shall be titanium. See Addendum No. 2.
37. Q: (SK) Who is the owner purchasing the bulk hypochlorite deliveries from?
- R: The Owner has not chosen a vendor at this time. The sodium hypochlorite delivery contract will be bid when it is known when the first delivery will be needed.
38. Q: (SK) Alternate #2 on the bid form is to furnish and Install a 24" Butterfly Valve and DI Piping in Flocculation-Settling Basin No. 1. Drawings show 18" butterfly valve and piping.
- R: See Addendum No. 2
39. Q: (SK) Phase 1 Flocculation-Settling Basins Bottom Plan drawing number D-310-01 stipulates that the contractor is to provide grout fillets in each corner of each settling basin. This involves settling basins number 1 thru 4. It also goes on to state that there may already be fillets in the structure, and if so, the contractor will either remove or repair the fillets as approved by the Engineer. Please provide the following information:
1. Photographs of the basins while empty during the last maintenance procedures, indicating whether the fillets are present or not.
 2. The size of the fillets required to form an acceptable sloping surface toward the center of each basin if there are no existing fillets or if the existing fillets must be removed.
 3. How the contractor can provide an accurate cost to the Owner when

he is not sure of the scope of work required with 3 possible scenarios to consider; fillet installation with no demolition required, demolition of existing fillets and installation of new fillets, patch and repair of existing fillets.

R: Plant personnel have confirmed that there are no existing fillets in Basin 1. There are no photographs of either Phase 1 or Phase 2 fillets. See note revision in Addendum No. 2.

40. Q: (SK) Under Builder's Risk / Installation Floater, Operational Testing Coverage is required to be carried. Please define Operational Testing. Confirm that this additional policy is required. To what extent both monetarily and scope shall the policy cover? How long will the insurance be required to be carried?

R: See Addendum No. 2

41. Q: (SK) Will the Owner provide a new due date for questions to be asked?

R: See Addendum No. 1

42. Q: (SK) Will the bid date be postponed?

R: See Addendum No. 1

43. Q: (SK) Will the Owner consider deleting the requirement to sign and submit a "blank" contract in the bid package?

R: See Addendum No. 2

44. Q: (SK) Will the Owner consider deleting the requirement to turn in SBE2 and SBE3 forms until a day after the bid?

R: Forms SBE2 and SBE3 must be submitted at time of bid. No exceptions.

45. Q: (SK) Will the Owner consider pre-negotiating the filter media through Leopold?

R: Provide as specified.

46. Q: (CC) Will the temporary chemical storage tanks require insulating panels and heat trace?

R: Some form of freeze protection will be required to ensure operation when temperatures are below the freezing point of the stored chemical.

47. Q: (CC) Will the temporary transfer chemical pump require a heated enclosure (Hot Box)?

R: See answer to Question 46

48. Q: (WS) Please provide information regarding the fee(s) associated with obtaining building permits and business licenses within the County.

- R: Contact jurisdictions directly for permit and license requirements and fees. The project is located in the City of Johns Creek and Fulton County.
49. Q: (WS) What are the permit/license requirements from the City of Atlanta?
- R: See response to Question 48
50. Q: (RC) Section 11374 Water Filter and Appurtenances, Paragraph 2.02 – A. Experience, states: "Upon request, the installer shall provide the Engineer with a list of installations of underdrain which total not less than 10." Are each of the referenced 10 installations required to be a separate location and water filter plant? In other words, will filter cells comprising a filter plant be allowed to count toward the required 10 underdrain installations; as in 6 filter cells at one WTP plus 4 filter cells at another WTP satisfying the 10 filter underdrain installations?
- R: See Addendum No. 2.
51. Q: (CC) Appendix C contains the Contractor's Disclosure Form and Questionnaire which requires us to submit this form for each first-tier subcontractor per the second paragraph on page two of the instructions. Most often is the case that we won't know who we plan to subcontract with until the final hour of the bid. We respectfully ask that you waive the requirement for this documentation to be submitted with the bid. We could submit this information within a short duration after the bid.
- R: Appendix C cannot be waived. The bidders should include the affidavits for their known subcontractors. At a minimum, bidders should have an affidavit for each of his SBE, FBE and MBE subcontractors.
52. Q: (CC) Please reference Exhibit B Affidavit last sentence. Should the word "not" be inserted between "has" and "gone"?
- R: See Addendum No. 2
53. Q: (CC) Can you let us know the manufacturer of the existing door keying system?
- R: See subsequent addendum.
54. Q: (CC) Reference Section 08710 2.02 Materials of Construction. Is the proposed keying system going to require removable cores?
- R: See subsequent addendum.
55. Q: (CC) If a removable core is required, can you provide the contact information for the Facility's locksmith so that we can obtain pricing for the cores?
- R: See subsequent addendum.

Key to Questions:

- (AF) Augusta Fiberglass
- (CB) C&B Piping
- (CC) Crowder Construction
- (HC) Heavy Constructors
- (HCC) Haren Construction Company
- (JM) Jim Myers & Sons
- (MS) Mainland Supply
- (PG) Piedmont Geotechnical
- (RCC) Rehab Construction
- (RC) Ruby Collins
- (SK) Skanska
- (WS) Wharton Smith
- (WW) WPPS, LLC

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