

**QUESTIONS FROM BIDDERS**  
**WATER TREATMENT PLANT ALUM SLUDGE DEWATERING FACILITY**  
**FOR**  
**CITY OF ROCK HILL, SC**

**W&S Project No. 056-21-120**

**Bid Date: THURSDAY JANUARY 25, 2024 @ 10:00 AM**

**Update:**

**1/23/2024 10:10**

| <b>Question #</b> | <b>Question</b>  | <b>Answer</b>  |
|-------------------|--|--|
| 1                 | There is no bid date shown on the ITB. What is the bid date and is there an Engineers Estimate/Budget?   | All necessary project information should be available through the Duncan Parnell online planroom: <a href="https://www.dpibidroom.com/View/ViewJob.aspx?job_id=17728">https://www.dpibidroom.com/View/ViewJob.aspx?job_id=17728</a> .<br><br>The project bid date is January 25, 2024. The Engineer's estimate is \$19,000,000.  |
| 2                 | Is there a pre-bid meeting for Rock Hill, SC - Water Treatment Plant Alum Sludge Dewatering Facility?  | Yes, the pre-bid meeting will be held on January 9, 2024 at 2:00pm.  |
| 3                 | We provide services of Geotech, Environmental work, phase 1 and 2, CMT, and Special Inspections chapter 1 and 17. I was seeing if we could provide a proposal for our services for this project or any upcoming that you might have been awarded or bidding on.  | Testing laboratory services shall be retained by the Contractor on this project to perform tests, inspections and other services specified and detailed on the construction drawings. Please refer to specification section 01 45 23 Testing Laboratory Services.<br><br>For Special Inspections the owner has retained Wiedeman and Singleton (W&S) to perform Special Inspection services. As required, W&S will use other firms (S&ME, etc.) to perform Special Inspections. Please also refer to specification section 01 45 33 Special Inspections. |
| 4                 | Are you able to provide any Free Bid documents such as the plans and specs for project?<br><br>Is there a start date for the project to begin? Is there an end date as well?   | Bid documents may be purchased through the Duncan Parnell online planroom: <a href="https://www.dpibidroom.com">dpibidroom.com</a><br><br>The City intends to award the contract for the Work on February 12, 2024. We anticipate a notice to proceed being issued in April/May 2024 following SRF and EPA approval. The time allowed for completion of the project is 2 years.  |
| 5                 | Can we get the general contractor's company, so I can reach out to them?   | The project is still advertising. A list of plan holders for this project can be found on the Duncan Parnell online planroom ( <a href="https://www.dpibidroom.com">dpibidroom.com</a> ).  |
| 6                 | We were interested in being considered to bid on the subject project as an approved equal to Seepex. I have attached sample engineer's specifications on the pump and grinder offer. Could you please let us know what is required for your evaluation of the line? Please let us know if we can bid this project and how we could be considered for future projects.  | Refer to Section II - Major Equipment of the bid form. Write-in manufacturers may be proposed by the bidders with the price for the write-in manufacturer identified on the bid form. The Engineer and/or City shall determine the acceptability of such write-in manufacturer(s) following the bid opening. However, the base bid is determined by using the price of the named equipment manufacturer. Please see Project Manual, Section 00100 INSTRUCTIONS TO BIDDERS, paragraph 15. (c) for additional information.                                 |
| 7                 | Will we be approved if a contractor submits our products for this project?   | Substitution requests are not typically evaluated prior to bid but the specification allows substitutions, which are submitted by the GC during construction per Section 01 60 00.   |
| 8                 | We specialize in producing a reliable weep hole component filter, which is commonly used in Steel, Vinyl, Composite, and Aluminum sheet pile.<br><br>Traditional drainage and soil filtration systems are typically buried behind the wall structure and are prone to failure over time, resulting in costly repairs and potential damage to the wall and surrounding structures.<br><br>By contrast, our filter is designed to prevent such failures by providing superior drainage and filtration capabilities, making it a more cost-effective and reliable solution in the long run. | There are currently no weep hole filters specified on this project to be installed or replaced. We will keep your products in mind for future projects where they may be applicable.   |
| 9                 | The project overview in the eProcurement Portal by OpenGov included downloads of a Sample Agreement and General Conditions. How do these apply to the Project?   | The Sample Agreement and General Conditions were removed from the eProcurement Portal and do not apply to the Project. The Agreement and General Conditions in the contract bid documents apply to the Project.  |

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| 10                | How can we schedule a site tour of the water treatment plant?   | The Rock Hill Water Treatment Plant is a controlled Site with restricted access. Site visits may be scheduled a minimum of 72 hours in advance with the Water Treatment Plant Superintendent. All visits must be scheduled from 9:00 A.M. to 3:00 P.M., Tuesday to Thursday. All personnel requesting a site visit must present valid picture identification, proof of affiliation with the organization they represent at the time of the visit and must be a current plan holder or must be accompanied by a current plan holder. The Plant Superintendent (Mr. Anthony Rivers) may be reached at 803-329-5502 or via email at anthony.rivers@cityofrockhill.com. An email is preferred. |
| 11                | Regarding specification 43 23 57 paragraph 2.2.B.1.2, the specification calls for packing. The manufacturer recommends a single component seal that will be better suited to the application.   | This will be addressed by addenda.   |
| 12                | Regarding specification 43 23 57 paragraph 2.4.A.1, the service factor requires a minimum of 8.83? This looks to be a typo, as the general standard is 1.5 service factor. Requesting acceptance to use 1.5 service factor minimum.   | The service factor will be adjusted to 1.5. This will be updated by addenda.   |
| 13                | Regarding specification 43 23 57 paragraph 2.6.B.2.5, the manufacturer recommends Viton material for this application. Requesting acceptance to use standard Viton.   | Viton is acceptable in this application. This will be updated by addenda.  |
| 14                | Thoughts on moving polymer systems to the first floor to eliminate transfer pumps and potential problems.   | We are not planning any changes to the polymer transfer and storage.   |
| 15                | Is it your intent for the neat polymer storage tank, tank and tote mixers, and neat polymer transfer pumps to be provided by the polymer system manufacturer or can those be provided by others?  | These can be supplied by others.   |
| 16                | Regarding specification 43 23 57 paragraph 2.1 A., could it be modified so that all components are provided by one supplier?  | This will be addressed by addenda.   |
| 17                | The contract specifications call for the aerial sedimentation basin supply piping in basin 1-4 to be blasted and repainted. We could not locate this piping on the contract drawings. Please provide as-built drawings for the pipe.  | The approx. limits of the piping is shown on site plan drawing C.01 and also is identified in Area 06 drawing 06.MS.01.  |
| 18                | I do not see a spec for submerged wetwell coating and 099000 does not show it getting coated. Just to confirm that coating of the new centrate discharge pump station wetwell does not require concrete submerged coatings.   | That is correct, the Centrate Discharge Pump Station wetwell does not require a coating.   |
| 19                | Please confirm that only the Bid Form (00300) is required to be submitted on a Thumb Drive, and not the complete bid package, as listed in item 2 of the Bid Submittal Checklist  | That is correct. See also clarifications made within Addenda #1 issued on 1/12/24.   |
| 20                | Drawing sheet E.01, note 16, indicates all fiber will be installed by Owner. Please confirm.  | That is correct.   |
| 21                | Item 6 of ITB calls to identify major subcontractors that will provide construction services for this project, including their experience with similar projects. Will the owner consider submitting subcontractor's qualifications and experience post award by successful bidder and considering listing proposed subcontractors in Section 00100 as sufficient? | The owner is willing to consider this approach to subcontractor qualifications. This item will be addressed by addenda.  |
| 22                | Please clarify/confirm that Bid Form section 00300 is the only portion of the package to be submitted as a hard copy, and all other forms, including subcontractor lists, Bid Bond, affidavit, license, etc. are to be submitted via the eProcurement Portal only.  | The hard copy shall include the whole bid package as defined within the project manual. This same whole bid package shall be submitted via the eProcurement Portal. See also clarifications made within Addenda #1 issued on 1/12/24.  |
| 23                | Specification 43 23 57 calls for minimum 3HP & 460V Polymer Transfer Pumps. 01.I.01 calls for 1HP & 480V pumps. Can you please confirm the pump motor requirements?   | Specification 43 23 57 call out of 3 HP & 460V Polymer Transfer Pump is correct. Drawing will be updated by addenda.   |
| 24                | Specification 46 76 33 calls for a minimum 15 HP & 460V Back Drive motors, and 01.I.02 & 03 call for 25HP & 480V motors. Can you please confirm the Back Drive Motor requirements?  | Specification 46 76 33 call out of 15 HP & 460V Back Drive motors is correct. Drawings will be updated by addenda.   |
| 25                | 10.E.01 & 10.I.01 call for a Centrate Automatic Sampler (SAMP-CENT). Can you please provide a Specification for this Sampler?   | Centrate Automatic Sampler will be provided by the Owner. However, concrete equipment pad for the sampler shall be provided by the Contractor. This will be addressed by addenda.  |

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| <b>Question #</b> | <b>Question</b>   | <b>Answer</b>   |
|-------------------|---|---|
| 26                | For rate of flow controller system: Can the 24" long pipe spool between the Venturi and the butterfly valve be fabricated from carbon steel or stainless steel instead of ductile iron pipe?  | Ductile iron pipe shall be used, as all the existing pipe installed throughout the pipe gallery is ductile iron.  |
| 27                | For rate of flow controller system: Does the electric valve actuator need to be part of the assembly for the factory calibration of the flow controller assembly? We are considering PFS providing a new valve actuator for the rate of flow control assembly so that their Field Performance Guarantee (40 91 00, 2.1.L) can include the actuator. | The electric valve actuator does not need to be part of the assembly for the factory calibration of the flow controller assembly. However, the owner would like to install a new electric valve actuator in this project. This item will be addressed by addenda.   |
| 28                | For rate of flow controller system: How much time will be allowed for installation and startup of the new rate of flow assembly?  | Per <u>Backwash Rate of Flow Controller Replacement Notes</u> , Note 2 on drawing 02.DM.01, the installation shall be limited to 36 hours. See the remainder of notes in this section for all installation requirements/restrictions.   |
| 29                | Regarding the PLC panel enclosures, the Owner expressed interest in using stainless steel enclosures instead of carbon steel enclosures in areas where NEMA12 rating is required. Please confirm if type 304 stainless steel enclosures for the PLC panels in these areas will be acceptable.   | The owner would like stainless steel for the PLC panel enclosures. This item will be addressed by Addenda.  |
| 30                | If carbon steel enclosures are used in areas where NEMA12 rating is required, please confirm if the standard gray paint/finish that comes from suppliers such as Hoffman and Saginaw, is acceptable.  | The owner would like stainless steel for the PLC panel enclosures. This item will be addressed by Addenda.  |
| 31                | During the pre-bid meeting a question about if a specification for the fiber optic cable would be provided?   | Per the drawing E.05, it is noted that the owner will be providing the fiber optic cable. As such, a specification for the fiber is not required. This is also noted on drawing E.01.   |
| 32                | From Pre-bid meeting: Will the bid date change?   | Currently there is no plan to change the bid date.  |
| 33                | From Pre-bid meeting: There was a question on drawing 01.A.32, Detail 2A, regarding the termination limits for where the standing seam paneling stops near the second floor roll-up door. There was also a question about where the standing seam paneling was specified.   | The termination limits for the standing seam panels and the standing seam panel specification will be added by addenda.   |
| 34                | From Pre-bid meeting: Will any items be sole sourced and/or purchased by the Owner?   | No items will be purchased by the Owner for this project. However, the two (2) EF's being installed in Area 02 scope of work will be provided by the Owner.   |
| 35                | From Pre-bid meeting: If you reference the Project Manual General Warranty (Section 00690), the warranty states a duration of 24 months. However, this seems to be a different duration than the equipment warranties. Are all the warranties to be 24 months in duration?  | The warranty in Section 00690 is a general contractor warranty. Refer to Section 00 94 00 – Article 4.5.4 which addresses the possible difference in manufacturers equipment warranty duration.   |
| 36                | From Pre-bid meeting: Can you clarify how the EF's at Filters 5 & 6 are installed?  | These EF's are being installed on an existing roof. This roof is built of precast concrete panels. In order to create a hole in the roof, existing precast panels must be removed and new precast panels must be cast with openings in them. There the opening size must match existing precast panels which is larger than the opening required for the EF's. Please refer to Area 02 drawings for additional details. |
| 37                | Please confirm that the warranty period does not start until Final Completion of the project – 720 days after Start Date (540 days to Substantial Completion + 180 days to Final Completions).  | The warranty period shall begin at Final Completion when all work is satisfactorily completed as a whole.   |
| 38                | From Pre-bid meeting: For the existing parapet caps being replaced at the existing roof over Filters 4, 5 & 6 there is a note to repair any damage to the existing roof material and maintain existing roof warranties. Can you provide the name of the roofing membrane/material manufacturer as well as copies of the roof warranties?            | The existing roof over Filters 5&6 is an EPDM membrane roof as manufactured by Firestone. It was instal approx. around 2005 and had a 10 year warranty.<br><br>We were not able to locate submittal information on the existing roof over Filter 4 as this roof installation predates the roofing membrane over Filters 5&6.  |
| 39                | Are you aware if the Owner has a preferred electrician, or a go to electrician at the plant? OR perhaps, have any electricians submitted questions that you can point me in their direction?  | We are not aware of a preferred electrician. Also, no electricians have submitted questions that we are aware of.   |
| 40                | Water Treatment Plant Alum Sludge Dewatering Facility - I know they have some trench drains specified - think we might be able to help.   | We do not have trench drains on this project.   |

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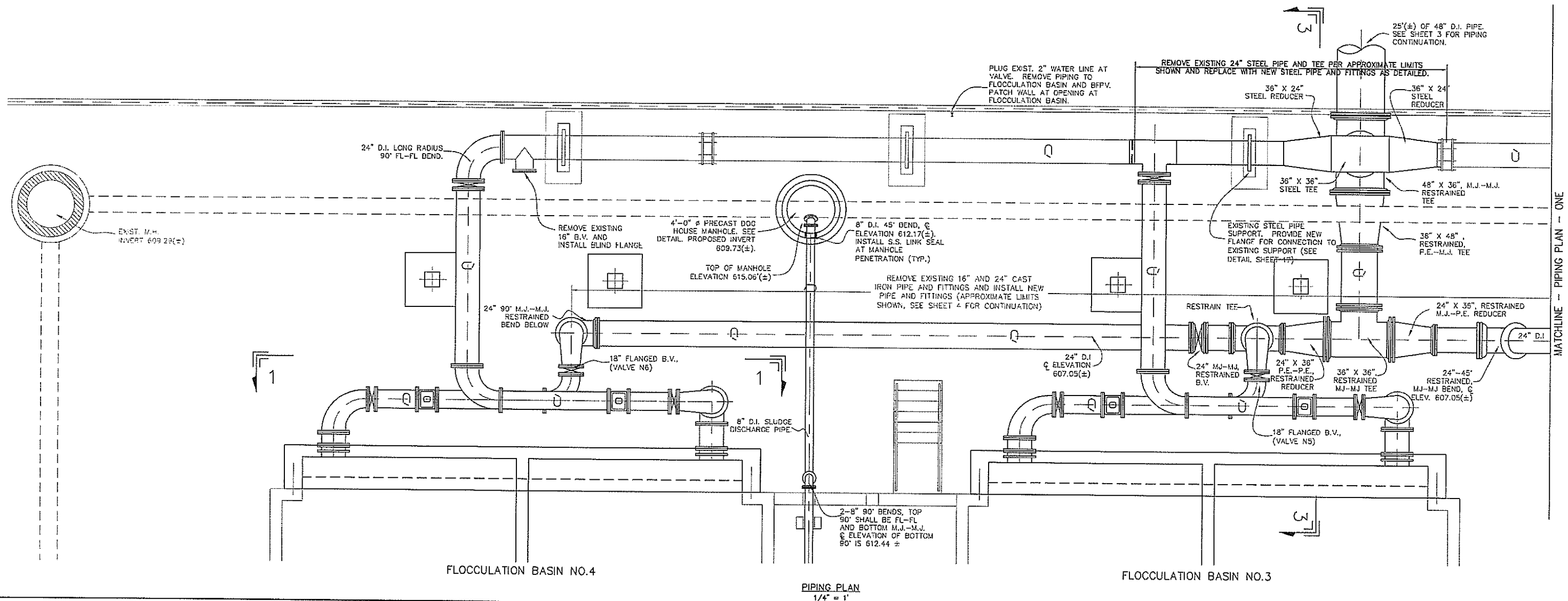
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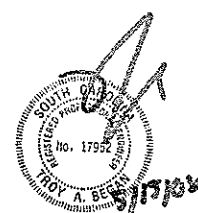
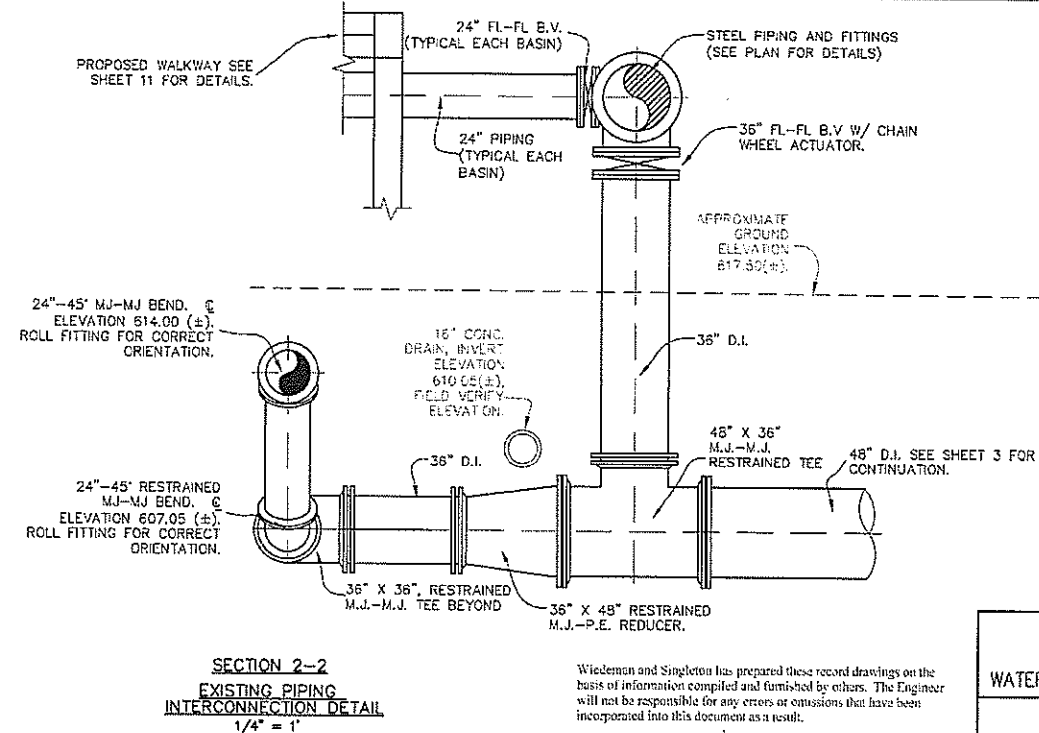
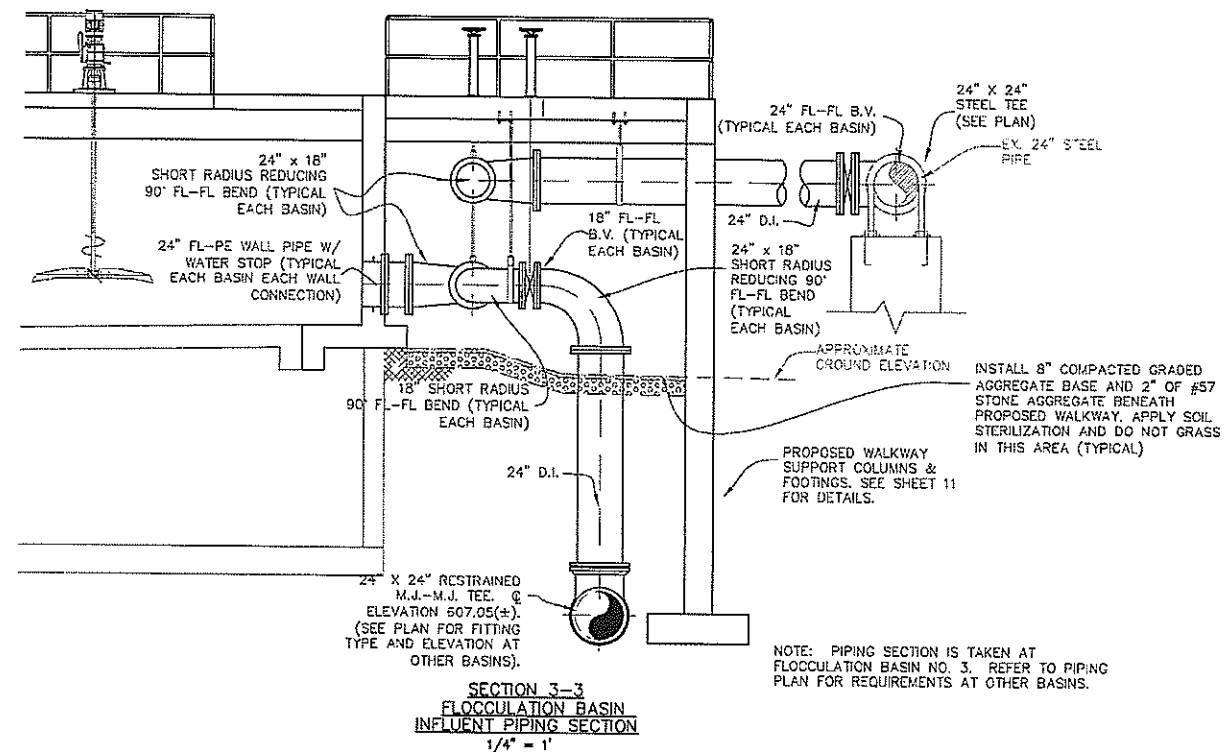
| <b>Question #</b> | <b>Question</b>  | <b>Answer</b>  |
|-------------------|--|--|
| 48                | After a thorough review the of the contract documents and considering current lead times on electrical equipment we request the duration of the contract be extended an additional 6 months.   | We will discuss your request to extend the project duration w/ the Owner   |
| 49                | Please clarify how long the 36" High Service Main can be removed from service while it is being relocated. Please confirm no bypass pumping or temporary piping will be required to keep the plant in service during this time.  | No bypass pumping or temporary piping will be required. To maintain water service to the existing sludge pump station, an additional isolation valve will be added by addenda to the existing 6" water supply that feeds the sludge pump station. The duration that the 36" piping can be out of service has not been defined, but the duration should be minimized as the piping provides redundancy and is connected to a surge tank at the site.                    |
| 50                | Please confirm a dovetail slot connection is not required between columns and the masonry. The structural details only show it at the top beam connection.   | No dovetail slot is required between columns and the end of wall.  |
| 51                | Please provide the as-builts for the Sedimentation Basin Supply piping. C.01 appears to show multiple pipes stacked on top of each other and 6.MS.01 the piping is obscured by the concrete deck. We cannot see the changes in elevation to quantify.  | The piping is available for inspection and confirmation of the dimension/area of pipe to be painted for the bid, but attached for information purposes only are drawings of only the aerial piping to the basins that is concealed by the slab. These drawings haven't been confirmed in the field.  |
| 52                | Please provide the flow rates that will need to be bypassed per note the callout on C.13 at the doghouse manhole.  | A doghouse manhole is proposed, which its installation may not require bypass pumping. Sewer service must, however, be maintained. The existing 8" sewer provides domestic service to the Water Plant and services a few building drains at the plant site. The section of existing sewer where the doghouse will be installed is an 8-inch sewer at 0.55% grade and flowing full, this sewer would handle 0.60 mgd and this flow could be used for planning purposes. |
| 53                | You are listed on the upcoming project - Water Treatment Plant Alum Sludge Dewatering Facility - I know they have some trench drains specified - think we might be able to help. I work at Vodaland, which specializes in Drains and Permeable Solutions.<br><br>I noticed you had some other manufactures listed for this project - I have a substitution that will exceed the quality of the drain currently listed and help the bottom line when it comes to funding the project. I have all the specifications and pricing ready to send. Who would be the best person to send these to? | We do not have trench drains on this project.  |
| 54                | Will the project/building require lightning protection?  | Lightning protection isn't required.   |
| <b>NOTES:</b>     | 1. Company Names and Trade Names have been removed from the questions. The answers contain trade names only to refer to existing installations. These inclusions do not represent an endorsement of the product or the company.  |  |
|                   | 2. Questions from sales representatives have been edited where appropriate for brevity.  |  |
|                   | 3. Questions from General Contractors have been left untouched.  |  |
|                   | 4. Significant Changes in answers previously posted are marked in red.   |  |







MATCHLINE - PIPING PLAN - ONE



CITY OF ROCK HILL  
ROCK HILL, SOUTH CAROLINA  
WATER TREATMENT PLANT 2003 IMPROVEMENTS

PIPING PLAN - TWO

|                |                                  |               |
|----------------|----------------------------------|---------------|
| SCALE AS SHOWN | WIEDEMAN AND SINGLETON ENGINEERS | DRAWING C-3   |
| DATE JUNE 2003 | ROCK HILL SC 400074 GA           | SHEET 5 OF 20 |

Wiedeman and Singleton has prepared these record drawings on the basis of information compiled and furnished by others. The Engineer will not be responsible for any errors or omissions that have been incorporated into this document as a result.

| RECORD DRAWINGS MARCH 2008 |                  |
|----------------------------|------------------|
| 8/8/03                     | ADDENDA NO. 1    |
| 7/2003                     | BID READY        |
| 6/2003                     | SCDHEC SUBMITTAL |
| REV. DATE                  | DESCRIPTION      |

FOR INFORMATIONAL PURPOSES ONLY