

QUESTIONS FROM BIDDERS
ROCK HILL WATER TREATMENT PLANT FILTER 4 UNDERDRAIN REPLACEMENT
FOR
CITY OF ROCK HILL, SC

W&S Project No. 056-22-120

Bid Date: THURSDAY JULY 14, 2022 @ 10:00 AM

Update:

7/6/2022 10:38

<i>Question #</i>	<i>Question</i>	<i>Answer</i>
1	Can you give me a brief description of the work?	The project consists of the demolition of the existing underdrain system in Filter 4 and installing and field-testing replacement gravity filter equipment and media in Filter 4. Filter 4 is a dualcell water filter (i.e., includes Filter 4A & Filter 4B) and is located at the Rock Hill Water Plant. The gravity filter equipment and filter media has been pre-purchased by the City from WesTech.
2	Could you please let me know where I could download bid documents?	The bid documents can be viewed and ordered online from Duncan-Parnell's online bid room: www.dpibidroom.com
3	Will there be a pre-bid meeting for this project?	A Pre-Bid Conference will be held in advance of the Bid Opening. The pre-bid meeting is not mandatory, but all perspective bidders are encouraged to attend. The Conference is to be held at 2:00 P.M. on Thursday, June 30, 2022, at the Administration Building at the Rock Hill Water Plant, 2102 Cherry Road, Rock Hill, SC 29732. Please park in the front parking lot located off Cherry Road. Parking is limited. Inspection, questions and work review will take place at this time. The WTP is currently an active construction site; therefore, safety apparel (hard hat, work boots, safety vests) may be required.
4	What is the cut-off date and time for questions?	Every request for such interpretation should be made in writing and addressed to Engineer and to be given consideration, must be received at least five (5) business days prior to the date fixed for opening Bids. Requests will be answered promptly and up to 72 hours before bid opening time.
Pre-bid Meeting Q&A		
5	Is there pressure protection on the system during backwash?	Yes, there are common pressure transducers installed for each filter. The City plans to install one transducer for each filter cell in the future.
6	How many backwashes & skims are required?	Please refer to spec section 46 61 13 paragraph 3.1, E and F for the requirements for washing and skimming the anthracite and sand.
7	There is a two year warranty for the GC and WesTech only has a one year warranty, can you explain this?	The City standard is a two year warranty. Refer to spec section 01 64 00 paragraph 1.2 regarding the warranty for Owner furnished products. The warranty does not include the GC to warranty the Owner furnished materials unless they are damaged/improperly installed by the GC. As such, there should not be a conflict with the different warranty periods for the GC and Westech.
8	The flume block shelf angle appears to be narrow. Could this shelf be extended/reinforced/modified by the GC?	The existing flume block has been supported on this ledge previously without any issues. However, the Owner/Engineer would be open to this modification by the GC, if WesTech was also in agreement that there is a need to increase the width of the ledge and there were no impacts to the operation of the filters. This can be discussed with WesTech during one of their early site visit.
9	Can you please provide clarification on the number of field service visits?	The field service visits were developed with WesTech based on the scope of work included in this project. The quantity and/or duration of trips is intended to cover the supervision of the installation of the gravity filter underdrain system/media and for WesTech to certify the equipment was installed in accordance with the manufacturer's requirements. Additional manufacturer's services will be the responsibility of the GC and should be included in the cost of the work.
10	Can you please provide clarification on the filter media installation paragraph 3.3 B?	The GC is not responsible for problems related to the supply of the media. This will be clarified in Addenda 1.

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11	<p>There is a requirement for a 30 day operating period following the start-up of the filters and the adjustment to media at the end of the thirty-day operating period. Please clarify the intent.</p> <p>One way that the loss of media could be evaluated would be to install an extra 1" of anthracite in the filter and set a S.S. grade pin at the height of the anthracite. Then after 1 to 3 months of operation, the contractor returns with limited mobilization to evaluate any media loss. Is this acceptable?</p>	<p>The 30-day operating period is in place to ensure that the filters, following the minimum 48 hours of "Filter to Waste", operate as they should and the media remain at the proper depth.</p> <p>The Owner/Engineer would be open to evaluate this option with WesTech/Plant Operations as a means to evaluate media loss.</p>
12	Are the new underdrain blocks the same as the existing underdrains at the plant?	Yes, as far as we know.
13	<p>What is the cure time for grout?</p> <p>To cure the grout, would it be acceptable to leave approx. 6" of water in the bottom of the filter?</p>	Curing and minimum cure time shall be per the manufacturers recommendations and shall be approved by WesTech.
14	Can flow to the filters be ramped up and down during backwash?	Yes, the backwash rate is controlled with a rate controller and can be ramped up and down at the filter controls.
15	Who is the WesTech contact?	Chad Carpenter (CCARPENTER@westech-inc.com), 515.268.8442 (office), 515.708.2785 (mobile); Local manufacturers representative is Josh Ziembiec – ClearWater, josh.ziembiec@clearwaterinc.net, 828-569-9155 (mobile)
16	Is there any soaking period for the anthracite?	No
NOTES:	<p>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.</p> <p>2. Questions from sales representatives have been edited where appropriate for brevity.</p> <p>3. Questions from General Contractors have been left untouched.</p> <p>4. Significant Changes in answers previously posted are marked in red.</p>	