



**SAR Tertiary Filter Improvements
 BID PHASE - CLARIFICATION No. 1
 CLMC 562**

CIP Project No. 3333.015
 FDU: 4570 2307 8040

Prepared by:
 AECOM
 9400 Amberglen Blvd., Bldg. E, Austin, TX 78729
 (512) 472-4519



The following are answers to Bidders received on the above project. These answers do not modify the Contract. Any modifications to the Contract will be through Addenda

	Question/Request	Response
1	<p>Contract Time: 670 CAL Days is not enough time to complete this job due to the sequential nature of construction activities. We can later provide you a MS Project Schedule that would demonstrate this. We feel that this is a 30 month project and a 36 month project if certain alternates are approved.</p>	<p>Reference Section 01045 for sequencing options and identification of times when more than one shift is expected to be present. CONTRACTOR should bid the project with the necessary manpower to complete within the specified time frame. See Addendum #1.</p>
2	<p>Building Construction wage rates should not apply on this project. This project is clearly Heavy Municipal work and should be classified accordingly. Using two wage rates will only cause conflict and jobsite problems, arguments, etc. and is not conducive to a productive jobsite. There will be an argument that there is a roof over the filter basins. This roof is not a conventional roof with shingles or membrane roofing materials. This roof is constructed of Structural Steel components and the sole purpose of the roof is to provide shade to the filters. Not protect them from rainwater.</p>	<p>The Owner is still discussing this issue internally. Clarification will be provided in a future Addendum.</p>
3	<p>In addition to the above, we understand the concept of vertical construction. However, the modifications to the filter gallery structure include 54" Steel Piping, Large Valves, demolition of structural concrete, then pouring back structural concrete, pumps, large motors, etc. This is all classified as HEAVY MUNICIPAL work, not commercial buildings. There is a significant difference. We could not hire a plumber to do this work. It takes workers that are experienced in installing utilizing cranes, HEAVY RIGGING, etc. Again, this work is not for carpenters. There is a significant difference.</p>	<p>The Owner is still discussing this issue. Clarification will be provided in a future Addendum.</p>



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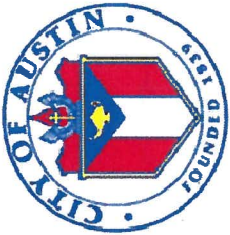
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4	In view of the above, we urge you to delete the BUILDING CONSTRUCTION Wage Rates. We are NOT building a BUILDING.	The Owner is still discussing this issue internally. Clarification will be provided in a future Addendum.
5	This change was made on the HORNSBY BEND BIOSOLIDS IMPROVEMENT PROJECT that we recently completed. We worked inside basements of buildings however all work was HEAVY MUNICIPAL. The BC Wage Rates were deleted by addendum.	The Owner is still discussing this issue internally. Clarification will be provided in a future Addendum.
6	Please advise if the material removed from the mud well is considered hazardous waste or not. Please advise if this material is to be disposed of at a local landfill or not.	The material anticipated in the mudwell is typical of a wastewater filter backwash application. It is not anticipated that this material would be classified as hazardous. In accordance with the Contract specifications, CONTRACTOR shall dispose of the material in accordance with all applicable laws and regulations.
7	Ditto on the cleaning of the clearwells.	See response above.
8	Please clarify the areas where there is lead paint.	A lead paint survey has been included in Section 09902. Reference this survey for locations of lead paint.
9	Please provide the flow rates and the TDH of the temp bypass pumps.	The required flow rates for the temporary bypass pumps are included in Section 01046, "Temporary Filtration and Bypass Pumping." The TDH will be determined by the CONTRACTOR to coincide with the CONTRACTOR selected temporary filter system.
10	Please advise if the contractor will be allowed to core drill suction ports in the top deck of the J-Box to facilitate the suction piping penetration.	Core drilling of the J-Box is not anticipated.



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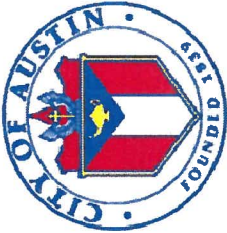
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11	The piping shown for suggested bypass piping will not handle the anticipated flow rates.	The piping shown is for CONTRACTORs information. In accordance with the notes on Sheet BM100 and Section 01046, "Temporary Filtration and Bypass Pumping", the CONTRACTOR is responsible for the appropriate pipe sizing to accommodate the selected temporary system.
12	Please advise if the bypass piping is to be fusion welded HDPE.	Reference Section 01046, Temporary Filtration and Bypass Pumping", Paragraph 2.03 for pressure pipe requirements.
13	Please advise if the bypass pumps can be submersible.	Reference Section 01046, Temporary Filtration and Bypass Pumping". The temporary pumps must be capable of self-priming, without the interaction of the plant staff. For this application, submersible pumps would be considered self-priming.
14	Please advise if the temporary filters can be installed on the existing concrete drive.	Sheets AD48, AD49, BM48, BM49 and others indicate the Limits of Construction for this project. The CONTRACTOR may utilize the concrete drive within the LOC provided the required coordination with the plant staff identified on the PLANS is completed.
15	Please advise if entry to the clearwell and mud well will be considered confined space entry and will require permits.	CONTRACTOR shall abide by all applicable Codes and Regulations regarding confined space entry. Both the clearwell and the mudwell have one entrance point.
16	Please advise if the contractor can have a small "conex" box field office installed in the JBOX Area for use by his onsite supervision.	Sheets AD48, AD49, BM48, BM49, and others indicate the Limits of Construction for this project. The CONTRACTOR may utilize the concrete drive within the LOC provided the required coordination with the plant staff identified on the PLANS is completed.
17	Please advise if the contractor is to provide any temporary field office, supplies, etc. for the onsite owners or engineer's representative.	Reference Section 01500/3.1/B for requirements related to the OWNER's field trailer.
18	Please advise if CONTRACTOR is to include any Partnering fees or cost in his bid.	There are no specific fees or costs that the Owner has identified to be included in the base bid for partnering. The partnering workshop will be as identified in Section 01200.
19	Sheets CA-01 & CA-02 Note 4, please advise if Contractor is to contract	The asbestos survey has already been completed. See Ad-



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	with an Asbestos Consulting Firm to perform an asbestos survey. How will the asbestos abatement be handled?	dendum #1. Additionally, Section 01040 was modified in Addendum #1 to more effectively address abatement of asbestos.
20	Sheet FM-07 Note 2, repair of existing coal tar in filter basins. What surfaces are currently coated and to what elevations are walls coated? Are new concrete walls to be coated with coal tar?	Reference the structural demolition plans (CS series) and the provided record drawings for the location and elevations of the existing coal tar epoxy coating. CONTRACTOR shall repair damaged coating. A future Addendum will clarify the limits of Contractor responsibility.
21	Would it be possible to postpone the bid date by 1 week (2 would be even better)? Based on the complexity of the project and the attention that needs to be paid to the sequencing we could really use the additional time to better understand the project. If a time extension is not given it will be very difficult for us to submit a bid on this project.	There will be a one week extension of the bid date. See Addendum #1 for dates and times.
22	Can you include the sign-in sheet for the pre-bid meeting in the next addendum?	The pre-bid attendance list is posted on the COA's Vendor Connection website. For convenience, a copy of the sign-in sheet is attached.
23	How are the alternates going to be awarded? Will the owner cherry pick the alternates to best fit the project budget or will the owner go down the list from 1-7 and award the alternates in order as long as they are under budget?	Award will be handled as indicated in Section 01030.
24	Filter Pipe Gallery: It does not appear that the proposed piping will fit thru the existing openings in the filter building. Please advise if there are alternate openings that we can use to facilitate the installation.	There are no alternate openings into the Upper Pipe Gallery or the Lower Pipe Gallery, other than the ones shown on the PLANS. Contractor should plan his work accordingly.
25	Detail 6/SS01 is not a preferred method of installing a water stop against an existing wall. This detail is called out on the construction of new walls in the filter cells and instructs the contractor to saw cut a construction keyway into the existing wall, then using non shrink grout to grout in a 6" PVC water stop. This method will leak and is very labor intense and expensive.	No change to the referenced detail is anticipated.
26	There have been various requests for another site visit.	The site will be available from 1:00 to 3:00 PM on Thursday October 8, 2015 and from 1:00 to 3:00 PM on Tuesday October 13. Attendance is not mandatory. Stop at the security



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27	<p>There have been several requests for the addition of equipment manufacturers and/or fabricators to various specification sections, including the rotating disk filters, gates, and valves and piping specifications.</p>	<p>gate to get a visitor's badge; sign in at the Administration Building; and proceed to the Filter Building. The currently listed manufacturers were selected based on their ability to meet the requirements of the specifications. Reference Section 00700 for the "equal" or "substitute" provisions of this contract.</p>
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CITY OF AUSTIN
MANDATORY PRE-BID MEETING
ATTENDANCE RECORD

Project: CLMC562 - SAR Tertiary Filter Improvements
 Meeting Location: SAR Wastewater Treatment Plant, Administration Bldg., Conference Room, 1017 Fallwell Lane, Del Valle, TX 78617
 Date: September 22, 2015 Time: 10:30 AM

Participants (please print):

Check all appropriate boxes

Name	Company represented and email address	Voice/Mobile	Prime	Sub.	Cert?	Supp.	Other	Site Visit
Tim Robertson	CSA Construction / bidmail@csaconstruction.com	OFF → 713-686-8868	✓					
Wes Holt	Watertech wholt@watertechinc.com	713-253-9253				✓		
Brandon Ramsey	Xylem Denaturing / Godwin Pump	(210) 978-2791				✓		
BRUCE MATOUS	MATOUS CONST	254 534 8010	✓					
Don Schuch	MATOUS CONST.	254 534-8020	✓					
LANCE LEBRAW	FALLWELL ENV.	512.347.7676						✓
Brent Bassett	Austin Water	512- 228 ⁹⁷² -0653						
Joaquin Ordonez	AWU charles.celaurio@austintexas.gov	713-282-0428						
CHARLES CELAURO	AW - FACILITY ENGINEERING	512-972-0208						
STEVE COCKE	CDA - CMD STEVEN.COCKE@austintexas.gov	512-974-7998						✓



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Participants (please print):

Check all appropriate boxes

Name	Company represented and email address	Voice/Mobile	Prime	Sub.	Cert.?	Supp.	Other	Site Visit
Stella Richerson-King	COA - SMR	361-974-7856 off.					✓	
Anthony Pleasant	CUA - RUCIP info@protaconstruction.com	512-632-3333					✓	
Becky Clark	ProtA Nogama JV	512-535-2555	✓					
David Menhard	COA PW CSD	512-771-8414					✓	
FARRELL BREWITT	T. MIRALES CO PO BOX 859 FLORENCE TX 76527	254 792 4344		✓				
Miguel A. Bellvalle	PROTA NOGAMA JV info@protaconstruction.com	512-535-2555	✓					
Stephen Fox	MWH CONSTRUCTORS, INC dfo. estimating@mwhglobal.com	512-921-4834	✓					
Corky Tambour	PROTA NOGAMA JV info@protaconstruction.com	512-535-2555	✓					
Scott Carter	Prime Controls scarter@prime-controls.com	850-500-0106		✓				
Jason Ford	Prime Controls j.ford@prime-controls.com	281-753-2126		✓				



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Participants (please print):

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Name	Company represented and email address	Voice/Mobile	Prime	Sub.	Cert.?	Supp.	Other	Site Visit
Cindy Gibbens	Mark Cindy.gibbens@mark.com	8210 8729567						<input checked="" type="checkbox"/>
Cassie Nieves	Keystone Construction Inc.	(512) 288-6437	<input checked="" type="checkbox"/>					
Imanol Lopez de Aray	Webber-Cadagua Parterms itabe@pebrovisi.com	512-633-4217	<input checked="" type="checkbox"/>					
Jim Vickery	COA - jim.vickery@austintexas.gov	512-974-7658 866-576-7992	<input checked="" type="checkbox"/>					
Mikel Lortzen	PepperLarsen waterworks bids@pepperlarsen.com							
Behroush Yeganeh	behroush.yeganeh@aecom.com	512-479-1630						<input checked="" type="checkbox"/>