

**SECTION 00 91 13
ADDENDUM NUMBER 3**

PARTICULARS

1.01 DATE: SEPTEMBER 29, 2015
1.02 PROJECT: WASTEWATER TREATMENT SYSTEM UPGRADE &
1.03 PROJECT LOCATION: HARBESON, DE
1.04 OWNER: ALLEN HARIM FOODS, LLC
1.05 ENGINEER: REID ENGINEERING COMPANY, INC.

TO: PROSPECTIVE BIDDERS:

- 2.01 THIS ADDENDUM FORMS A PART OF THE CONTRACT DOCUMENTS AND MODIFIES THE ORIGINAL PROCUREMENT DOCUMENTS DATED SEPTEMBER 2, 2015, AND ADDENDUM NUMBERS 1 AND 2 ISSUED SEPTEMBER 11 AND 24, RESPECTIVELY, WITH AMENDMENTS AND ADDITIONS NOTED BELOW.**
- 2.02 ACKNOWLEDGE RECEIPT OF THIS ADDENDUM IN THE SPACE PROVIDED IN THE BID FORM. FAILURE TO DO SO MAY DISQUALIFY THE BIDDER.**
- 2.03 DRAWING REVISIONS INCLUDED IN THIS ADDENDUM**

- A. Revision 3
1. Index
 2. M300
 3. M600
 4. M602
 5. S1.00
 6. S1.01
 7. S1.01A
 8. S1.03
 9. S1.04
 10. S3.00
 11. S5.06
 12. E101
 13. E102
 14. E200
 15. E204
 16. E301
 17. E302
 18. E303
 19. E400
 20. E501
 21. E503
 22. E600
 23. E603

CHANGES TO THE PROJECT MANUAL - SPECIFICATIONS:

3.01 SECTION 00 43 36 - PROPOSED SUBCONTRACTORS FORM

- A. Remove this section from the Bid Documents.

CLARIFICATIONS

REQUESTS FOR INFORMATION

5.01 RESPONSE TO RFIS

- A. Response to RFIs 1 through 4 were included in Addendum #1

Allen Harim Foods, LLC
Harbeson, DE
Wastewater Treatment System Upgrade and Expansion - Phase One

- B. Response to RFIs 5 through 21 were included in Addendum #2
- C. Response to RFIs 22 through 27 are included in the attached RFI Log.

END OF ADDENDUM NUMBER 3

RFI Log

No.	COMMENT	RESPONSE
1	M203 – Is the pump suction stainless or carbon steel?	Stainless Steel
2	M601 – Is the exposed clarifier effluent stainless or carbon steel?	Stainless Steel
3	Can the Clarifier Mechanism scope of supply be made available to the Bidders	The Evoqua proposal is attached to this Addendum
4	Is the Contractor responsible for painting the clarifier mechanism	The clarifier mechanism is factory primed. The Contractor shall field paint the finish coat with a compatible paint system.
RFIs 1 - 4 were included in Addendum #1		
5	Dwg S1.03 calls out the UV grating as FRP and Dwg M701 calls out aluminum checker plate.	The covering over the UV Channel shall be 3/8" Aluminum Checker Plate
6	0 21 13-1 2.01.C, states – Offers will be opened publicly immediately after the time of receipt. Is this an open bid?	Bids will be opened and read aloud publically.
7	Can bids be faxed in? If so do you have a fax number?	Bids must be submitted in a hard copy form in a sealed envelope.
8	Section 00 43 73 Proposed Schedule of Values Form – can this be turned in 24 hours after the bid opening? It will be very difficult for us to have this completed at the same time as the bid is due.	Section 00 43 73 - Proposed Schedule of Values Form must be completed and submitted with the Bid Documents on or before the specified Bid Time and Date.
9	Section 43 21 22-1 Self Priming Centrifugal Pumps states modify five existing self-priming centrifugal pumps. 1.04 Design Requirements states, modify 3 Existing DAF Effluent Pps, 2 RAS Pps, and 2 FEB/Anoxic Reactor #1 Pps for a total of 7 modifications. Which is correct?	The FEB/Anoxic Reactor #1 Effluent Pumps (1.04, E.) are to be new pumps; therefore there will be 6 new pumps and 5 pumps to be modified.
10	Per Addendum 1, Item 4.01.A we are instructed to include Dutchland's site access and preparation requirements. Please provide the additional information based on Dutchlands scope;	The Owner has purchased the two Pre-Cast Post Tensioned Tanks from Dutchland, Inc. The Site Access and Site Specific section of the Dutchland proposal that was incorporated to the scope of this project for all Bidders through Addendum 1 lists the responsibilities of the General Contractor (successful Bidder). These responsibilities are included in the General Contractor's Scope of Work and therefore Bids shall be prepared to include the associated work.

10a	<p>Item 1 - Access roads will these be for construction use only? Will the GC be required to remove the access roads upon completion? It states that we are to provide dry roads in all weather conditions. This project is to be constructed during the wet weather/winter season thus could this be an allowance item? This is placing undue responsibility on the GC. Dutchland is to define logistics. Please provide a detailed drawing.</p>	<p>The required access roads are primarily on the existing graveled drives of the existing facility. Please see attached access drawing provided by Dutchland.</p>
10b	<p>Item 2 – Crane, pump truck and tractor trailer pads are the required by the GC, is this 1 per each per tank or are multiple required per tank? Based on the existing structures the new DAF Tank will only be accessible on one side. Please provide a detailed drawing.</p>	<p>Please refer to the attached access drawing provided by Dutchland.</p>
10c	<p>Item 4 – The GC cannot be responsible for existing overhead conditions.</p>	<p>See Response to RFI 10. Based on existing conditions no overhead interference is anticipated; however the Bidder shall verify and price their Bids accordingly.</p>
10d	<p>Item 10 – provide exact geo-textile fabric to be installed. Provide exact stone sub-base material to be used.</p>	<p>The subgrade for the proposed tanks shall be per the requirements of the geotechnical engineer. The Tank Manufacturer requires the minimum uniform bearing capacity as outlined in the geotechnical supplement dated August 28, 2015.</p> <p>The Bidder shall include in their proposed scope of work that 12" of clean ½" stone is placed on top of the prepared subgrade for leveling and support of the reinforcing bar, forms, and pressure relief valves. The top of this stone elevation should coincide with the bottom of the tank's base concrete slab elevation and be with ½" tolerance.)</p> <p>The successful Bidder shall excavate the subgrade for the tank footers, PRVs and Clarifier center pier. Refer to attached Drawings provided by Dutchland.</p>
10e	<p>Item 11 – can the owner provide the water supply? Or provide exact amount of water the GC is to supply. GC requirement to Dutchland, Dutchland is responsible for providing the means and methods to transfer all needed water. Dutchland is responsible for properly disposing of all water. This includes testing water for tanks. Dutchland is responsible for draining of tanks after they have met the testing requirements. The GC is not responsible for providing water at any certain flow rate.</p>	<p>The Bidder shall provide all necessary equipment to pump and transfer treated effluent from the existing WWTP into each of the two new tanks for the purpose of hydrostatic testing in a timely manner (shall not exceed two days to fill). The Successful Bidder shall coordinate and drain the tanks with the WWTP Operations staff.</p>

10f	Item 12 – Who is responsible for excavation of Dutchlands tank foundation? If GC is to provide any excavation and trenching for Dutchland provide detailed drawings asap so that the quantities can be figured. If this is not provided we cannot assume this responsibility. Currently the way we read the project documents and Dutchlands scope the GC will provide a flat pad foundation with 12" of gravel, (define what kind of gravel) any additional excavation will be the responsibility of Dutchland.	Per Section 43 41 68, paragraph 3.01 the Successful Bidder shall be responsible for preparing the subgrade for each tank. The subgrade shall be prepared per the recommendations of the geotechnical report provided in the Bid Documents. The successful Bidder shall excavate the subgrade for the tank footers, PRVs and Clarifier center pier. Refer to attached Drawings provided by Dutchland. See RFI 10d.
10g	GC requirements to Dutchland – Dutchland is to maintain project schedule. If Dutchland is not on site no later than November 16, 2015 and complete by and before January 15, 2016 GC can and will charge Dutchland for any additional costs incurred, including overhead and profit, this is non-negotiable.	The Successful Bidder (General Contractor) shall not charge, bill, penalize or fine the manufacturer of the Owner purchased Tanks. The successful Bidder will not be penalized by the Owner for delays caused by the manufacturer. The Successful Bidder will be granted one additional day to the schedule for each day beyond January 15, 2016 that the Tank Manufacturer is still completing the construction of the tanks.
11	Who's responsibility is it to drain, and clean the existing CMAS Basin in order to install the jet aeration manifold?	The Jet Aeration manifold is to be installed "wet". The CMAS reactor is not to be drained. The existing CMAS reactor is to remain in service with the exception of the existing jet pumps will be shut down during the placement of the new Jet Aeration Manifold.
12	Please see Evoqua's Quote page 5 of 12 items excluded. It appears that Evoqua is not providing a complete package, who is supplying the items that they have excluded? If the GC is to provide please provide the needed specifications and requirements.	The Contractor is to provide all material, labor and equipment to install the Owner purchased Clarifier Mechanism. Please be specific concerning additional specifications as many of the excluded items are already specified elsewhere in the Bid Documents.
13	Sheet M202 a 14" Magnetic Flow Meter is shown it is not listed in section 40 91 20	See attached revised Specification Section 40 91 20.

14	Who is responsible for the installation of the Clarifier Center Pier, the GC or Dutchland? If the GC is to install please provide a drawing.	<p>The Tank Manufacturer is responsible for the installation of the concrete center pier for the clarifier mechanism.</p> <p>The Successful Bidder shall be responsible for the excavation and preparation of the subgrade for the installation of the center pier. The center pier area shall be over excavated by 3' to allow the Tank Manufacturer working room to set their forms. The center pier shall be backfilled by the Successful Bidder (General Contractor) prior to the Tank Manufacturer proceeding with the slab construction for the clarifier. The Successful Bidder shall coordinate excavation and backfilling operations with the Tank Manufacturer.</p>
15	Section 46 43 21 Clarifier Mechanism Item 1.20.C states, the clarifier mechanism shall be designed for installation in an above grade stainless steel tank.	The Clarifier shall be constructed of concrete.
15a	It is my understanding that the tank will be concrete, is this correct?	The Clarifier Tank will be Pre-Cast Post Tensioned Concrete.
15b	If the tank is concrete who will be responsible for providing all the epoxy anchors?	The Successful Bidder shall be responsible for supplying all labor material and equipment required for the complete and operational installation of the equipment that is not specifically stated in the Evoqua and Dutchland proposals attached to Addendum #1.
15c	Are there any special requirements for drilling into the concrete tank, location of tendons, reinforcing, etc.?	Drilling locations shall be coordinated with the Tank Manufacturer.
15d	If the tank is concrete will the tank supplier be responsible pipe penetrations or will the GC be required to core the concrete walls?	<p>The Tank Manufacturer shall provide pipe penetrations cast into the tank walls.</p> <p>The Successful Bidder shall be provide and install the link seals.</p>
16	Where is the Metal Roof Structure shown on drawing S5.03 detail 1 located on the project?	Refer to S1.00 and S1.01
17	Who is the manufacturer of the Existing CMAS Tank No. 2 which has a new 18" Flange in tank wall. Reference Detail 8/M604 Please advise.	Aqua Store Serial # PSU-1641-002
18	Who is responsible for supplying and installing pipe supports to the walls of the concrete tanks?	<p>The Contractor shall supply and install the stainless steel pipe supports.</p> <p>Pipe support anchoring details shall be provided by the Tank Manufacturer. Pipe support and bracket details will be provided.</p>

19	Is the Contractor responsible for disposing of the fan equipment in the Live Shed?	The Successful Bidder shall be responsible for demolition and proper offsite disposal of all material and equipment removed/demolished from the existing Live Shed.
20	Who is the manufacturer of the existing CMAS #1 tank?	The existing CMAS No. 1 tank is a Tec Tank.
21	What is the weight of the Drop In Jet Aeration System	Per one of the potential manufacturers the dry weight with concrete ballast is approximately 11,000 lbs. The wet weight is approximately 14,000 lbs.
RFIs 5 - 21 were included in Addendum #2		
22	Plan sheet C100 appears to show new fencing however there is no detail or spec on the fence. Please clarify.	A new fence is not included in this project.
23	Plan sheet C101 shows two buildings to be removed. One is simply called building and the other is called Live Haul Shed. Please provide some additional information on these buildings and please clarify if the foundations are to be removed or only the structures themselves.	The existing tool shed label "Existing Building" will be relocated by the Owner prior to Contractor mobilization. The Live Shed shall be demolished per the plans and specifications.
24	Plan sheet M400 shows an outline of a shed roof over the new MCC area. Please confirm that the canopy shown on plan sheet S5.03 is this roof shed.	Refer to S1.00
25	Plan sheet M700 shows the new UV system. Please confirm that this is an open-top structure without a canopy.	There is no canopy over the UV Channel. The UV channel top will be covered. Refer to RFI No. 5 above.
26	Please clarify the pipe material for the RAS suction and discharge shown on plan sheets M603 and M604.	Please refer to Revision #2 Drawings included in Addendum #2
27	On sheet M604 Section 8, is the pipe material to be SCH 20 Steel Pipe or Stainless Steel and is the size 12" or 18".	Please refer to Revision #2 Drawings included in Addendum #2

Allen Harim Foods, LLC
Wastewater Treatment System Upgrade & Expansion
Harbeson, DE