

**THE VILLAGE OF ABERDEEN
NEW WATER TREATMENT PLANT
PRE-BID QUESTIONS & RESPONSES**

Number	Date	Bidder	Question	Response
1	10/4/2011	DER Development	We will be bidding the General Contract. Do we include \$915,000 as a total allowance for the equipment? Does the \$915,000 include the installation of the equipment?	The \$915,000 is the total allowance for the equipment and includes the installation.
2	10/4/2011	Cummins Bridgeway, LLC	Section 2.01 A of the generator spec for this project calls out an MTU model and allows Kohler. Will you please accept Cummins Power Generation products for this project?	Cummins Power Generation product is acceptable and will be included in Addendum #1.
Questions to Date 10/05/2011				
3	10/6/2011	Dugan and Meyers Construction Co.	See sheet S1.1 foundation plan. Please provide cut sections / details for the 4'x3' and 3'x2' sumps. The sumps are shown in the plumbing drawings, but no dimensions or details are provided.	Details showing the construction of the sump areas will be included in Addendum #1.
Questions to Date 10/06/2011				
4	10/7/2011	Dugan and Meyers Construction Co.	See sheet A2.1 foundation detail. Please confirm no water stop is required between the footing and the wall.	No water stop is required between the footing and the wall.
5	10/7/2011	Dugan and Meyers Construction Co.	See sheet S1.1, S2.1 and S4.1. Will water stop be required at wall construction joints?	We are expecting that the perimeter wall of the tanks be poured monolithically and the only wall construction joints will be the baffle wall or dividing wall which are on the interior of the tank and therefore will not need water stops.
6	10/7/2011	Dugan and Meyers Construction Co.	See 1/S2.2, 1/S2.3, and 2/S2.3. It appears water stop is shown but nothing is called out. Should it be 6"x3/8" vinyl water stop where shown?	All water stops are to be 6" x 3/8" vinyl.
7	10/7/2011	Dugan and Meyers Construction Co.	See 1/S2.2, 1/S2.3, and 2/S2.3 at keyways. Can keyways be recessed into the slab rather than protruding out of the slab?	Yes, the keyways can be recessed in the slab.
8	10/7/2011	Dugan and Meyers Construction Co.	See sheets S2.1, S2.2, S2.3 and S4.1. Is any compacted aggregate and/or vapor barrier required at the bottom of the tank slabs? Nothing is shown. Please confirm intent.	There will be no vapor barrier required. 4" compacted granular should be used for leveling purposes. Item 07145 applies to the Clearwell as well as the Equalization Tank. This will be added to Addendum #2.
9	10/7/2011	Dugan and Meyers Construction Co.	Please confirm the joint detail between the slab on grade and the elevated lid of the clearwell tank. Should detail 1/S0.1 be used here or should we use an expansion joint detail here?	Expansion joint detail shall be used.
10	10/7/2011	Dugan and Meyers Construction Co.	Are there any seeding / landscaping requirements at the end of the project?	Item 02936 Seeding specification will be issued in Addendum #2.
11	10/7/2011	Dugan and Meyers Construction Co.	See spec section 02223 Backfilling and section 02225 Trenching. These specifications refer to a geotechnical report with bore locations and findings of subsurface materials. Is this report available? If would be beneficial to have this report in order to properly price the excavation requirements of the project.	Please see the attached information obtained from the test well location.
Questions to Date 10/07/2011				
12	10/10/2011	Ferguson Enterprises, Inc.	What method of connection is intended for the proposed 12" waterline in which a 8" gate valve is shown on drawing C1.2 coming off an existing line?	The notation is incorrect, the plant effluent is an 8" waterline. This sheet will be re-issued in Addendum #2.
13	10/10/2011	Ferguson Enterprises, Inc.	What's the diameter of the existing distribution line in which the proposed waterline is to be connected to?	The existing waterline that the proposed 8" line is to be connected to is a 6" transite line.
14	10/10/2011	Ferguson Enterprises, Inc.	What's the diameter of the existing sanitary sewer line in which the proposed 6" line will be connected to and by what means of connection is intended?	The existing sanitary line is a 12" line. An inserta-tee should be used to connect the proposed sanitary line to the existing line.
15	10/10/2011	Sunesis Construction	What size is the existing water line the proposed plant connects to?	Please refer to the response to Question #13 above.
16	10/10/2011	DER Development	Will soil borings and a soils report be issued for review by contractors?	Please refer to the response to Question #11 above.

17	10/10/2011	Sunesis Construction	A2.1 shows the proposed building finished floor elevation 100'-0". S2.2 shows the top elevation of the clearwell tank top slab 104'-0". C1.2 shows the top of the clearwell and top of building slab both 522.50. Is the top of the clearwell the same elevation as the building floor? What approximate elevation above sea level does 100' (top of building slab) relate to?	The top of the clearwell is the same elevation as finish floor 100'-0", which relates to 522.50 MSL.
18	10/10/2011	Sunesis Construction	S2.2 and S2.3 appear to include a keyway with waterstop where the walls meet the base slab but I did not find a detail for the keyway or waterstop. Is a keyway and waterstop required in the clearwell? If so, can the same waterstop shown on S4.1 for the EQ tank be used? What size keyway is required?	Yes, the waterstop and keyway are required for the clearwell. Please refer to question #6 above, all water stops are to be 6"x3/8" vinyl. The keyways are 4" wide and 2" tall.
19	10/11/2011	DER Development	Is the site water and site electrical and boring detail shown on the C drawings part of the General Contractor Bid or is it part of the electrical and mechanical/plumbing bids?	The electrical contractor is responsible for supplying the electrical conduit to the general contractor. The general contractor is responsible for the boring, waterlines, and installation of the conduit provided by the EC. General Contractor must also mark the ends of the conduit for the EC after installation of conduit is completed.
Questions to Date 10/11/2011				
20	10/12/2011	Sunesis Construction	In response to #1 Pre bid question regarding the \$915,000 allowance: Does this include materials and installation of all the piping, valves, etc shown on page P1.1 through P3.5. If so, will the yard piping be start 5' from the building foundation? Who will be installing this piping and equipment?, the general trades contractor or will this be subcontracted through owner to another company?	The \$915,000 is the total allowance for the equipment and includes the installation. Please refer to east wall elevation, Section 2, as shown on sheet P2.3. This includes everything from the flange connection in the floor, labeled 8" plant influent from wells with sample taps, to where the flange connection in the floor at the plant effluent is labeled 8" plant effluent to distribution. The general contractor is responsible for the waterline to the first flange connection above the floor for both the influent and effluent.
21	10/12/2011	Sunesis Construction	Field office spec 01520 - Will this be mandatory? Do you want a field office on site? Spec states for contractors use. If the contractor will not use, do we need to include in our bid?	All items required in Item 01520 shall be provided by the General Contractor. If the Contractor does not need a field office to meet this requirement, no field office will be required.
22	10/12/2011	Kokosing Construction Co.	Specification 11280 page 13 item 4.3.A references Drawing P1.2. This drawing is not included in the bid package.	That is a typographical error, there is no sheet P1.2. This section is included in the Water Treatment Equipment Bid with an allowance at \$915,000.
23	10/12/2011	Kokosing Construction Co.	The bid form states the Electrical Bid covers Drawings E1.1 and E3.1 and related specifications. This only includes the building lighting etc. and the power system. All electrical work associated with supplying power and other electrical support for the water conveyance and treatment equipment is unknown.	The electrical supply of wiring for all components shall be included in the electrical contractor bid as shown on E1.1 and E3.1. The treatment equipment supplier will provide interconnecting wiring for treatment equipment and controls. Well power will be supplied by the Electrical Contractor.
24	10/12/2011	Kokosing Construction Co.	In the specification folder there are (2) files named RFC1 and RFC2 Pre-Bid Questions and Responses. Item #1 asks if the \$915,000 includes installation. The response was that both equipment and installation is included. Does this include electrical installation for this equipment?	Please see response to question #23 above.
25	10/12/2011	Kokosing Construction Co.	Drawing C1.1 shows electrical cables going out to the (2) well locations. This is not shown on either of the electrical drawings. I assume the electrical contractor is responsible for this under the Electrical Bid.	Please see response to question #19 above. Electrical contractor is responsible for all wiring from the MCC to the well pumps.
26	10/12/2011	Kokosing Construction Co.	We are very interested in providing a proposal on this project, but we ask to have the bid date extended at least one week to allow for clarification of the questions provided above and subsequent work on our end to properly reflect the clarifications in our estimate.	The owner has requested this bid date and has not expressed any interest in extending it.
27	10/12/2011	Sunesis Construction	Can you please provide the specification numbers that are included in the equipment allowance? Some items are specified as Artesian and some specification numbers do not list Artesian... Vertical turbine pumps (Spec 11120), Plant Control Systems (Spec 11280). Are these specification sections included in the equipment allowance?	The allowance includes Item Numbers 11120, 11176, 11220, 11230, 11231, 11280, 11284, 11285, 11287 and interconnecting piping and valves between these components.
28	10/12/2011	Dugan and Meyers Construction Co.	Sht C1.1 includes a note about cutting the existing sanitary force main approximately 600 LF North of North Property Line Lot #7. Please indicate where Lot #7 is located.	Please refer to Addendum #2 for a drawing showing the location of Lot #7, the well field and the Water Treatment Plant.
29	10/12/2011	Dugan and Meyers Construction Co.	Sht C1.1 includes a note about a road boring under US 62/68/52 for the above mentioned Sanitary F.M. Is this in a different location than the 60 LF of 16" Bored Steel Casing for the 8" Waterline? If so, please indicate where this boring and the MH #2195 are located	The boring for the sanitary force main is approximately 70 LF of 16" Bored Steel Casing for the 8" sanitary force main. Contractor must verify size prior to construction and notify Engineer if there are any discrepancies. Please refer to Addendum #2 for a drawing showing the location of the boring and MH #2195.
30	10/12/2011	Dugan and Meyers Construction Co.	Please provide routing drawings and requirements for the control wiring from the equipment to the plant control panel.	Please see response to question #23 above.
No further questions will be responded to since no further Addendums can be issued due to ORC requirements.				