



# Questions & Answers

RELATING TO THE  
 REQUEST FOR BIDS (RFB-18-002) FOR THE SUPPLEMENTAL RECHARGE WELLS 1A, 2, AND 3 EQUIPPING PROJECT  
*Updated as of January 31, 2019*

<http://www.wrd.org/business/water-replenishment-business.php>

Project: ARC Advanced Water Treatment Facility  
 Subject: Supplemental Recharge Wells 1A, 2, and 3 Equipping Project Questions & Answers  
 Notes: **All questions are due by 10:00 AM 2/5/19. Email questions to [procurement1@wrdd.org](mailto:procurement1@wrdd.org). Bids due by 10:00 AM 2/12/19.**

No.	Question	Answer
1	Is an engineer's estimate for this project available?	No.
2	For bonding purposes, is \$500,000 reasonable for this project?	Responders will know the amount of their bid. For bonding purposes they should use the total of all items (including optional items) plus a 20% contingency.
3	Mechanical and SCADA work was described in the pre-bid meeting presentation. Is there any electrical work required as part of the scope?	Contractor must install motor starters to the two empty buckets in the existing panel in the electrical room in the on-site Process Building. See electrical plans, specifications and Addenda.
4	What is the source for the water needed to clean the tanks?	The Contractor will need to obtain a meter from the City of Pico Rivera to hookup to the nearby fire hydrant. All costs for meter deposit and water use shall be paid by the contractor
5	Where will the tank sludge be discharged?	The Contractor will need to make arrangements with a vendor to remove the tank sludge and dispose off site.
6	Who is responsible for the permit fees?	The Contractor shall be responsible for all permit fees.
7	Can WRD provide a reference number for the previous NPDES permit that was obtained for the well construction?	The permit will be provided as part of Addendum No. 2.
8	Will there any be discharges from Well SRW3?	Yes, development will be required for Well SRW3.
9	Was WRD able to reach 10 NTUs during the construction of the wells?	Yes. WRD shall provide final approval for completion of each well development (the target is 10 NTUs).



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10	Is air lifting required?	To be determined, as indicated in Addendum No. 2.
11	Will the procurement lead time of equipment impact the substantial and final completion time requirements?	Yes, see revised date of completion in Addendum No. 2.
12	Is factory testing required for any of the equipment?	Yes. Refer to Specification Section 01660 Equipment Testing and Startup, Part 1 General.
13	Who is responsible for purchasing EADOCs?	WRD is already using EADOCs software as part of the ARC/GRIP construction project. The Contractor will be provided access to the existing EADOC.
14	How deep is the well vault?	The design drawings included in the plan set provide the depth of each well.
15	Is there a flange up from the well for connection?	Bottom flange is already welded in place. The Contractor will need to install the top flange and connect to the downhole equipment.
16	Who will indicate the elevation of the components within the vault?	. The piping for injection and purge pumping is already installed in the vault. The drawings provided show the points of connection. The contractor shall measure and verify all dimensions, fabricate the connecting piping and install per the drawings.
17	Where is the common discharge point located on site?	The common discharge point is the storm water storage and infiltration system which is shown on Drawing No. V0101 and located at the southeast corner of the site.
18	How will the development water be discharged?	The Contractor shall provide storage tank(s) for the development water. Following NPDES permit compliance testing, the Contractor shall pump from their tank(s) to discharge point as described in Question No. 17 above.
19	Does WRD expect the work on the three wells to begin concurrently or sequentially?	This is at the discretion of the Contractor, so long as the work is coordinated with JF Shea and meet the contract requirements.
20	Does WRD require an on-site trailer?	No. Once the project is started, the Contractor is expected to be on site for the weekly construction meetings held by JF Shea in their existing trailer.



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21	What are the horsepower, GPM and manufacturers of the pumps that are being considered?	Refer to Specification Section 11215 Deep Well Submersible Pump and Motor, Part 2 Materials, Subsection 2.2 Performance Requirements for the horsepower and GPM requirements.
22	Do you expect the design to change?	Yes, please refer to Addendum No. 2.
23	When the temporary piping is removed, does the Contractor need to install the flanges?	The Contractor will responsible for connecting to the flange that will be installed by JF Shea after they remove the temporary piping.
24.	Please provide a control wiring diagram for the Solid State Soft Start and the Full Voltage Non Reversing motor control that is needed to complete the project.	See Addendum No. 2.
25.	The project duration does not provide ample time for procurement of the electrical equipment. It will take approximately 60 days for procurement of submittals, submittal review time, 30 days for resubmittal, submittal review time and 90 days for manufacture and delivery to the site. There will then need to be ample time for installation, startup and training (if desired) and commissioning.	See Addendum No. 2.
26.	Specification 16481.2.1 indicates Siemens only. Is it acceptable to use a third party Factory Authorized vendor to wire and provide the equipment or does it have to be built and wired from a Siemens factory?	No, see Addendum No. 2.
27.	What are the NPDES constituents?	The constituents are included in the permit provided in Addendum No. 2.
28.	Where will the discharge water be conveyed to? For bidding purposes how long of a run of temporary surface piping should be accounted for? Are any BMP's or erosion control measures needed at the discharge point?	Refer to Question No. 17. Discharge shall be made directly into the onsite Storm Water Storage System. No BMPs or erosion control measures are required as long as the flows do not exceed the capacity of the existing drainage facilities.



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29.	Who is responsible for obtaining the NPDES for discharging development water for the optional development?	The Contractor will need to apply for the NPDES Permit as described in Question No. 7.
30.	For bidding purposes, on bid item 4a, how many baker tanks will be required?	This is for the Contractor to determine based on their experience and expertise.
31.	01660-5, 1.10: For bidding purposes, how many days will be required for training WRD personnel?	One day should be assumed for bidding purposes.
32.	Are the injection lines drop pipe and injection line discharge headers part of this scope of work? Will the injection drop pipes and injection headers be installed before the submersible pumps are installed?	Yes, injection lines drop pipe and injection line discharge headers are part of this scope of work. The Contractor shall determine the order in which the equipment is installed.
33.	Please confirm that Bid Item 8 will not be part of this bid.	Due to revisions described and addressed in Addendum No. 2, portions of this work are still required as part of this bid.
34.	02480-4, Part 2, 2.1, 2: Is sounding of the wells required before the video surveys? If fill is found to be present before the video does it need to be removed before the video? Will this be a change order to the contract or should this be included in the bid? If so, what line item should it go under? For bidding purposes, how much fill should we account for?	The video survey is required first to establish the condition of the well prior to any work being implemented.
35.	02480-5, 2.2, A, 1: Can you provide the constituents required for the bacteriological profile?	The Contractor will need to comply with the NPDES Permit. The NPDES permit is described in Question No. 7.
36.	02480-6 3.3: Please clarify the optional development time. Is it for one, 24 hour continuous test or can it broken into, for example, (3) 8 hour days?	The current assumption is that the work will be completed as 8-hour days.
37.	Please clarify the SCADA portion of the work.	Please refer to Addendum No. 2.



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38.	The impeller for our pump comes as 316SS standard. Moving to 316LSS is going to reduce the performance, so we plan on having a clarification for our impeller offering which may slightly reduce the efficiency. Is this acceptable?	See addendum No. 2 which changes the impeller to 316SS standard
39.	Would 1800 RPM motors be acceptable in order to increase efficiency?	Contractor should bid the pump as shown. If the respondent wants to propose an alternative motor they can include it as an Appendix to their bid.
40.	Please specify the column pipe material. The specifications call for 316 SS column pipe and the plans show 304L SS.	See Addendum No. 2. The column pipe shall be 304L SS.
41.	Are keyed impellers required?	Yes, see Addendum No. 2
42.	Are motor shrouds required?	See Addendum No. 2