

Zeolite Installation  
Questions and Answers

Number	Question	Answer
1	What classifications will the lift plans be for the 5 vessels and 2 piping skids – Engineered or Critical or other?	Assume the lift plans for vessels and piping skids to be Pre-Engineered per mandatory contractor procedure PROC-FO-1008, Hoisting and Rigging Operations.
2	Please confirm that the supervisor can be the competent person assuming that there is only single activity going on?	Yes, the supervisor can be the competent person assuming that there is only that single activity going on.
3	Who is responsible to provide the RAD PPE to enter the dike (Booties, gloves, Tyvek)?	SUBCONTRACTOR provides RAD PPE. Please see scope of work, section 9.0
4	What are the assumed response time from UCOR for submittals including lift plans?	Response time is directly related to the complexity and volume of the submittals. You can assume UCOR will turn most submittals around in 3 business days. For more complex submittals requiring QA & SME review (e.g. weld programs, lift plans), you can assume UCOR will respond in 5 business days.
5	The RFP dates are very tight given the final drawings will not be available till 8/28. If UCOR can identify all changes on Final issued drawing, we may be able to make the due date – if not, is there any room to push out the due date?	UCOR will identify the changes.
6	The Scope (3.5 B) and Technical Specification (3.9) refer to a contractor provided test plan. Is this available for us to review to estimate the time it will take to perform?	<p>The functional test plan is not available at this time.</p> <p>The purpose of the functional testing is to confirm that the system has been installed correctly and the installed components are operational. The subcontractor may assume that the testing will take up to two (2) weeks, with the primary support task to demonstrate, troubleshoot, and correct the installation.</p> <p>The functional test is not an initial test of the software/PLC logic.</p>

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		The software/PLC logic will be demonstrated and verified (by Contractor) during a factory acceptance test, performed prior to equipment shipment.
7	The Technical Specification (3.9) specifies the system to be tested with water – is this fill the system with water or is this a pressure test? If pressure, what PSI?	Functional testing will not require a pressure test.
8	SOW (3.3 A) says the tie point piping to be heat traced and insulated. Does this apply to the 2 drain lines (BTP 8 and 9)?	Not all piping is heat traced. The technical specification refers to the drawings for direction on which lines are traced. Please refer to drawings J3E-21180-J018 & J019. The air lines (BTP-2 & 7) and gravity drain lines (BTP-8 & 9) will not require heat trace. BTP-9 reflects tracing on “Issued for bid” drawing, but will be corrected on the “Issued for Construction” drawings.
9	Are there civil drawing(s) that show the details of the two concrete pads to be installed outside the dike?	Yes, drawing S3E-021180-B044 shows the plan view dimensions of the sluice-in and PLC skid pad. The plan view dimensions for the stairway landing on the eastern end of the south dike wall will be provided in the IFC drawing revision. The details for construction of these pads are provided on drawings S3E-021180-B047 and S3E-021180-B048.
10	What is the dewatering box used for and is this installed?	Refer to drawings 1842-3000 and 1842-6010.  The dewatering boxes (eight of them) are used to hold dewatering bags. These bags separate the water from the spent zeolite.  The dewatering boxes are part of the Contractor provided vendor package equipment. Installation is in the scope of the subcontract (see Scope of Work, section 3.2).

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11	On Advantech drawing 1842-3003 it shows an elevated platform with decking under the B-25 box staging area. Is this decking/grating provided by Advantech or is this something subcontractor has to procure and install? If so, which drawing has this detail?	<p>Assuming this question is referring to drawing 1842-3000, the decking/grating under and around the equipment is part of the Contractor provided vendor package equipment. Installation is in the scope of the subcontract (see Scope of Work, section 3.2).</p> <p>Please see the attached preliminary platform information. The design is not complete pending final crane column information, but no change is anticipated in the number of anchor points and general layout.</p>
12	The 5 tanks, that will be provided, will they be on trailers up to seven miles away?	Yes
13	If the tanks are on trailers, are they orientated such they can be picked and set in place or will it require a double lift to get them off the trailers and set up right?	<p>The following requirement was included in the vendor package specification:</p> <p>Vessels shall be oriented on the shipping trailer to allow a single crane to offload the vessels and upright the vessels from a horizontal to vertical position without the need to rotate the vessels on the ground.</p>
14	Can we request one more site walk?	<p>The UCOR HAZWOPER program has been updated, and we currently can't support non-HAZWOPER trained folks to enter the 3608 area.</p> <p>UCOR recommendation: if there are specific measurements that can be provided to assist, UCOR can take them and communicate via Q&amp;A.</p>