

NEOH Construction Project
Bidder's Questions & Responses Set #3

Date/Time	Question/Issue	Response
<p>Thu 5/4/2006 12:25 PM</p>	<p>1) The specs have a section for Traffic Guardrail (02451) and Roadway Signing (02520). Don't see any work in the plans for these. Please confirm. 2) Dwg. GA2, Door Schedule - the specs don't have a hardware Group 16 or 20. We have assumed Group 10 for 16, and Group 11 for 20. Please confirm. 3) Dwg. GA3, Door Schedule - Hardware Group 6 is for double doors. We are assuming Group 10 for Doors 203A, 203B and 203E. Please confirm. 4) Dwg. A8, Elevation 1 - Who is to supply the dishwasher? 5) Dwg. A8, Elevation 11 - Please provide a detail/model for the boot rack. 6) Dwg. L5, Para. 3.06C.1 - is 30 lbs./1000 sf correct? 7) Dwg. A18/M29 - Please provide a detail for the work stations.</p>	<p>1) We have no Traffic Guardrail or Roadway Signing on the project. 2) We are missing HW groups 16 and 20 from the spec. See attached PDF for these HW groups. 3) This assumption is correct. Use HW-10 for doors D-203A, B and E. 4) Contractor will supply dishwasher. Similar to Appliances/Equipment D. Sheet A28 5) Use GOF Ltd., Model VZ 9/10 (3 units) for the boot rack/bench. 6) Fertilizer shall be applied to sub-grade and planting soils per the required soil testing defined in Drawing L-5, Para. 2.01A and 2.02B. The fertilizer requirements defined in Drawing L-5, Para. 2.04A and Para. 3.06C.1 shall be deleted in their entirety. 7) Owner Furnished</p>
<p>Mon 5/8/2006 4:13 PM</p>	<p>1. Sheet M21; What is pipe type for following: Chiller Fluid Cooler Heat Exchnager Chiller Water 2. Sheet M22; Detail C, Detail B & Sh M23; Detail A- Some mats. are noted as DI, but this material is not listed in pipe Sched (GM1). Which is correct? 3. Sheet M23; Detail C; 30" line is noted as (RD). Should this be (SW)? 4. MJ Fittings; 15060-2.3.E; Can we use C153 fittings? 5. 15060-2.7.A; Can we use standard steel pipe sizes when epoxy lining is required, for 14" dia and larger? (Steel pipe sizes change from ID to OD measurement between 12" and 14") 6. Will you have a Davis Bacon wage rate decision for this project?</p>	<p>1) Insulated and jacketed schedule 40 PVC pipe for the Chiller, Fluid Cooler, Heat Exchanger and Water Chiller 2) Where DI piping and fittings are shown this can be either DI or steel. For DI piping use pipe group 5 in the pipe schedule. For steel use pipe group 1 for the smaller pipe and pipe group 4 for the larger. 3) The 20" RD should be 20" RO 4) C153 fittings are acceptable 5) Standard Steel Sizes are acceptable 6) Yes – TBD</p>

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<p>Tue 5/9/2006 10:22 AM</p>	<p>1) Dwg. M29 - the table calls for the carcass racks to be stainless. Dwg. M35 says aluminum.</p> <p>2) Dwg. M33, Fish Lift Plan - who furnishes the stairs/platforms and the aluminum flume around the sorting table? No details are given.</p> <p>3) Dwg. M36 - how does the v-trap install? No anchors or embedded guides are shown.</p> <p>4) Dwg. M-38 - no details are given for the brail floor.</p>	<p>1) The carcass rack should be aluminum. Revised table on Drawing M-29 to read aluminum material for the carcass rack.</p> <p>2) The stairs, platform, and aluminum flume will be provided by the Owner and installed by the Contractor.</p> <p>3) The v-trap will be installed in embedded steel guides in the concrete walls. See attached detail for location and embedded guide details.</p> <p>4) Brail floor is shown on Drawing M-33, Detail 2.</p>
<p>Tue 5/9/2006 6:54 PM</p>	<p>Dwg. S38 - please provide the ODOT standard drawing number for the steel bridge curb.</p>	<p>The ODOT standard drawing number is BR206, Standard 2 Tube Curb Mount Rail, Sheets 1 and 2. (See attached).</p> <p>Provide only the 2 Tube Curb Mount Rail. Guardrail approaches to each side of crossing are not required.</p>

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<p>Wed 5/10/2006 10:05 AM</p>	<ol style="list-style-type: none"> 1) On the Pipe Schedule on drawing GM1, the fittings for pipe system 10, 11, and 12 call for DI AWWA C110, can AWWA C153 fittings be also used? 2) On drawing C6, a 4" irrigation line is shown extending from the intake, but it is not shown elsewhere. Where does it go to and who is to install it? 3) Drawing C5 show a 4" Sanitary Sewer going from the hatchery building and then it goes under the utility building. It also looks like a box is in the parking area. Please clarify what is needed for a sanitary sewer from the hatchery building to the drain field near the utility building. 4) What size and type of vaults are needed for the Oxygen system? 5) The oil water separator on C3 and referred to on GM4, does show a size or the type of tank. Please let us know what type and size of tank is needed and the pipe diameters in and out of the tank. 6) Are there curbs, sidewalks, and slabs shown on C2, C3, and C4? E.g. are there curbs and sidewalk around the parking area? Are there curbs at the top of the retaining walls surrounding the hatchery building? Is there a concrete slab south of the clarifier? Please Clarify. 7) Is there a plan sheet M46? Can we get a copy of it? 8) What diameter are the pipe vent materials (shown on drawing C5) detailed on GC1? 	<ol style="list-style-type: none"> 1) Yes 2) The 4" irrigation line extends from the intake to the end of the gravel access road as shown on the attached site plan. Install two frost free hydrants at the approximate locations shown. The hydrant locations shall be confirmed by the Owner's Representative in the field. 3) A 4-inch-diameter sanitary sewer line extends from the hatchery building north to the septic drain field. The septic line is routed under the utility building where the drains from the utility building are picked up and included. The 4 inch line enters the septic tank located on the north side of the utility building. 4) TBD 5) Change callout on Drawing C-3 and C-4 from GM-4 to GC-3. The oil-water separator is a 1500 gallon capacity, two cell design as illustrated on Drawing GC-3. For the hatchery building oil-water separator called out on Drawing C-3, the pipe diameter in shall be 6 inch. Pipe diameter out shall be 8 inch. For the oil-water separator shown on Drawing C-4, pipe diameter in and our shall be 12 inch. 6) a. There are sidewalks around the perimeter of the hatchery and utility buildings as shown on Drawings C3 and C4. There are also sidewalks at the residences. There are no other sidewalks on the project. b. There is a curb around the parking area, but no sidewalk. c. Provide a 6 inch high curb on top of the retaining wall around the hatchery building. d. There is no concrete slab on the south side of the clarifier. e. There are concrete slabs located on the north side of the utility building for the pre-manufactured chemical storage building, fuel storage, water cooler and water chiller. Sizes are as shown on Drawing C4. Concrete pads shall be 12 inches thick with #5 bars EW EF. 7) There is no sheet M46 – Drawing index is in error. 8) Vents for the 30-inch diameter water supply pipeline shall be 6-inch-diameter steel pipe. Paint the steel pipe as per specification section 09800.
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Wed 5/10/2006 10:05 AM Imnaha	1) A storm system is shown On drawing C3. Is the entire storm system 12" diameter pipe? What type of pipe is needed? What is needed for the outfall of the storm drain and the penetration of the concrete wall? Please clarify.	The storm drain pipe shall be PVC. Route the storm drain into the auxiliary water supply box as shown on the attached drawing. Provide a flap gate on the outside of the wall to prevent backflow from the river into the storm drain system.
Wed 5/10/2006 1:40 PM	What is the status of the building permits? Have the plans been submitted for plan check review? Responsibility for payment vs. submittal status? Do the area jurisdictions have any control vs. federal ownership?	TBD
Fri 5/12/2006 8:20 AM	1) Dwg. M16 - ball valves are shown to be PVC. Section 15100, 2.3.A calls for stainless. Please clarify. 2) Dwg. M22, Det. D and Dwg. M24, Det. A - size for thru wall pipe spool and butterfly valve is not shown. 3) Dwg. M24, Det. F - below grade pipe is shown to be PVC. Specs call for steel. Please clarify. 4) Section 09900 2.4B - paint system requires exposed PVC pipe to be painted. A painting sub says they have never painted PVC inside a building like the Hatchery Building. Please confirm that this is really the intent. 5) Please provide a spec for the aluminum handrail.	1) TBD 2) TBD 3) TBD 4) PVC gets System 3 as specified. 5) TBD
Fri 5/12/2006 11:46 AM	1) Section 07200, 2.1.E - don't see this material being used anywhere. Please confirm.	Due to the miss-lettering on the insulation items and the fact that we are not using this material, it appears that we inadvertently left this in.
Mon 5/15/2006 4:47 PM Imnaha	1) Who is the manufacturer of the imitation rock enclosure " hot roc model ghr3? Please clarify. 1) Imnaha Plan sheet C4 and C5 show (refer to detail 6/GC1) all the pipe thimbles to be flanged. Lostine plans show pipe thimbles that are plain end. Can the thimbles on Imnaha be plain end, like those on Lostine?	1) http://www.hot-box.com/hotrok.html 2) Plain end pipe thimbles are acceptable with sleeve type coupling. Thrust blocks are required as illustrated on Drawing GM3, Detail 1. Pipe thimble shall be as shown on Drawing GM4, Detail 4.

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<p>Mon 5/15/2006 5:01 PM</p>	<p>1. Will a building permit(s) be required? If so, who will pay? Do you know the amount(s)? 2. I understand the Forest Service can assess a road use fee for regular use of the road to Imnaha. Will there be a fee requirement on this project? If so, do you know the amount? 3. Conflict between plan sheets and specs regarding color of CMU. Is it correct to assume standard gray block because the CMU gets covered with siding, etc?</p>	<p>1) TBD 2) TBD 3) There is no integrally colored CMU.</p>
<p>Tue 5/16/2006 10:29 AM</p>	<p>1. Reference Drawing E-20, Lostine Fish Hatchery, Conduits between Vaults, question: The one line shows a Well #3 for the future. I there installation of conduits for the future pump? If so to what Hand Hold? 2. Reference Specification Section 16050-3.2.A1, Lostine Fish Hatchery, Use of PVC for Conduit for the Service, question: Per PGE we are required to install on 5" PVC from the pole to the transformer. Is it acceptable to use PVC for the Conduit between the pole and transformer? 3. Reference Drawing E-1, Imnaha Satellite Facility, Replace HR-3 Feeder, question: What is the size of the feeder HR-3 to be replaced? 4. Reference Drawing E-13, Lostine Fish Hatchery, Type of light Fixture, question: What are the type of light fixtures in the Adult Holding Spawning Building? 5. Reference Specification Section 16050-3.2.2a, Use of EMT, question: Please expand on use of EMT conduit. It appears that EMT conduit is allowed in most cases with exceptions to underground and Service Entrances.</p>	<p>1) No spare conduit. We don't know where the well will be. 2) Install per utility requirements on their web site. See note 4 on one-line. Direct utility questions to the local utility office, see note 3 on the one-line. 3) A 1987 drawing shows 4#1 in 1½" C and a 1" spare, but there have been many changes since then. Confirm in the field. 4) Formalin room: F9, Spawning room: F8, Mechanical room: F7. 5) Not in hazardous locations, and not in concrete or wet locations unless protected from corrosion, per NEC 358. I suggest that it be limited to above suspended ceilings, in stud walls, and mounted to block walls in dry areas.</p>
<p>Tue 5/16/2006 12:10 PM</p>	<p>1) A hollow core plank supplier is requesting the dead and live loading for the slabs, and if it needs a topping slab, as one is not shown.</p>	<p>TBD</p>
<p>Tue 5/16/2006 2:06 PM</p>	<p>Do you know the "Plant Lady's" name or company name that you dealt with in design?</p>	<p>June Conley 541-569-2388</p>

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<p>Tue 5/16/2006 3:49 PM</p>	<p>1. Do we need a spec on the Oxygen flowmeters? Section 15270 does not appear to cover oxygen system. 2. Can you clarify the LHO (low head oxygenators) locations, count, installation detail, design parameters? 3. CMU Supplier; can we use Central Pre-mix Concrete Products Co. block? Meets all dimensional and spec requirements, but not one of the listed suppliers.</p>	<p>1) TBD 2) TBD 3) Contractor may submit alternative manufacturers for CMU block which meet the requirements of the Contract Specifications.</p>