

BID DOCUMENTS FOR
NEW FOR RUPERT RESERVOIR AND REPLACEMENT
WATER TREATMENT RESERVOIR – CONTRACT 2

10/24/2017
FILE: 111720046

TENDER #: 1220-20-519-2017

ISSUED BY: _____

Jon Bell, P.Eng.
Stantec Consulting Ltd.
Tel: (250) 388-9161
Fax: (250) 382-0514
Jon.bell@stantec.com

Addendum issued to active tenderers with documents on record **(3 pages including attachments)**

1. What elevation will the subgrade be left at? Will it be at underside of concrete assuming a 150mm slab?

Response: *Correct. The contractor will be designing the foundation slab which may require additional fill or excavation to meet the design specification however we have assumed 300mm outer slab thickening and 150mm slab.*

2. Please clarify that the only tie in for the tank supplier will be the interior pipe to the interior stubs, therefore not requiring back filling or service interruption.

Response: *Correct, the interior stubs are the only connection points. Though backfilling may be required as stated in contract documents.*

3. Can you provide details on the cat walk between the existing tanks that would have to be reinstated?

Response: *Scope Revision: Catwalk to be removed and will not require reinstatement.*

4. Will there be a pre-tender site visit?

Response: *No. If you wish to view the site prior to bidding please contact the District of Port Hardy Operations at 250-949-7779*

5. Can you provide a bidders list?

Response: *Bidders list will not be provided.*

6. The bolted tank coating specification is very specific, essentially limiting the supply to one manufacturer, I am assuming that you are accepting comparable, proven manufacturers.

Response: *1. It's important the tank manufacturer provide, to the best of their ability, the Qualifications of Tank Suppliers as requested under specification section 33 69 00 article 1.2 in its entirety.
2. The tank supplier acknowledges they can meet or exceed the schedule provided in the contract documents.
3. Price.*

7. Could you provide further detail on the request meter noted in the Water Treatment Reservoir outlet.

Response: *Provide a Krohne 300mm Submersible Water Meter IP 68 Rated.*

8. Would a standard 150mm roof flange be acceptable for the level transducer on each reservoir?

Response: *Bidders to confirm that such a system is required for a level transmitter and / or 150mm roof flange will sufficiently house the level transducer (Wika or Keller) and provide easy access for installation/removal from the rooftop access hatch.*

9. Looking for clarification on the limits of subgrade prep between the two contracts. In tender # 1220-20-518-2017 it mentions refer to drawing #C501, which is not included in that drawing package.

Response: *Referencing the answer provided in #1 of this addendum, the tank manufacture will be provided subgrade preparation, subbase gravels and subbase preparation to the underside of slab. The tank contractor under this contract is required to confirm the layout of the provided piping, sub base gravels grading / elevation, and compaction / water content. The engineer of record for the design of the slab foundation and tank will be required to confirm these conditions are met to the satisfaction of the professional engineer. If the conditions are found deficient we will coordinate correction with either the contract 1 contractor or under this contract at an addition to the stipulated price.*

10. Do you have further details on the existing walkway on the Water Treatment Reservoir which needs to be re-installed?

Response: *Refer to Question #3 response. Catwalk reinstatement no longer required.*

11. Please confirm that both the Fort Rupert Reservoir and the Replacement Reservoir will need to be designed for potable and fire protection water storage.

Response: *Confirmed yes.*

12. Questions for 33 69 00 – Glass Fused Bolted Steel Reservoir 2.7.6.1 – Please provide contract drawings/details on the external attachments for the grounding lugs, cable tray clips, etc.

Response: *Contractor to ensure / design adequate grounding for the tank and provide structural details for internal fastening of the inlet and overflow interior piping. Cable tray clips design is not required.*

13. Questions for 33 69 00 – Glass Fused Bolted Steel Reservoir 2.7.6.2 – Please provide contract drawings/details on the catwalk. Since this is not provided by the tank manufacturer we will need the imposed load on the tank.

Response: *Refer to Question #3 response. Catwalk no longer required.*

14. Contract drawings show the inlet and overflow pipe to be installed 1.0 m from the tank side wall. We would like to request installing the pipes 500 mm from the tank side wall to offer some cost savings.

Response: *Acknowledged the inlet and overflow piping has been moved 0.5m from the inside of the tank wall for this and the under slab works tender.*

15. Tideflex mixing system general arrangement drawing shown on 310 and 311 incorporates the same line for fill and outflow. The "waterflex check valves" are intended to allow outflow through the common fill line. With the tanks on the project having separate outflow lines, there should be no need for the "waterflex outlet check valves" and the port on project drawing C310 and C311 (and drawings C305, C402) can be eliminated. The tideflex check valves acting as the nozzles in the mixing system are designed to prevent backflow. As such, there should be no need to have a secondary check valve installed on the fill line.

Response: 1. Delete the waterflex check valves (cross) as stated for both the Water Treatment Plant Reservoir and Fort Rupert Reservoir.
 2. Delete the vertical check valve provided on the inlet line of the Water Treatment Plant Reservoir as this is a redundant feature.

Distribution:

District of Port Hardy to Post on BC Bid.