



TENDER 16-20

WATER TREATMENT BUILDING

ADDENDUM NO. 11

October 27th, 2016

This addendum forms part of the Tender Documents and shall be read, interpreted, and coordinated with all other parts. The costs of all elements contained herein shall be included in the submission. The following revisions, changes, corrections, additions, and or deletions supersede the information contained in the original Documents to the extent referenced and shall become part thereof.

Addendum Item 1
Questions & Answers

337. Proponent Question:

Addendum #5 DWG C305 Notes 1 & 2; there is no electrical specifications for this material nor is there any conduit or wire feeding these electrical items, are they part of the scope of work? Which pay item would they come under?

Response:

Wiring has been accommodated for the in the cable schedule (P901 and previous addenda for second pump). Supply/Installation suggested to be priced in Electrical division, but ultimate responsibility with Prime Contractor to accommodate pricing for complete and functional system.

338. Proponent Question:

Addendum #5 DWG C202 Note 23; What are the size and number of conduits required for this work? What conductors are required? Does the PLC have room for these instruments? How is the information used? Is programming involved?

Response:

Reference is for JB-191, captured in the cable schedule. Instrumentation will be wired to available I/O, and commissioned to be a part of the system functionality (yes, programming is involved for status and feedback to control process).

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339. Proponent Question:

Addendum #3 DWG P011 shows a surge tank with a HH float switch, level transmitter and pressure transmitter, are these part of the scope of work for Div 25 and 26? What is required for conduit and wire? Which pay item does it come under?

Response:

Yes. Information provided in drawings and addenda. Supply/Installation suggested to be priced in Electrical division, but ultimate responsibility with Prime Contractor to accommodate pricing for complete and functional system.

340. Proponent Question:

Where are FCV-604, FCV-502 and FCV-522 fed from? The existing actuators being relocated are 600V.

Response:

Control for 502/512/522(FUTURE)/604 wiring to MCP-100 (per schedule and drawings). Intent was 120VAC power to PNLG; price accordingly, and field instructions will be provided at award.

341. Proponent Question:

Please advise if tenderers are to carry the cost of the novated supply contract for vertical turbine pumps in their tender price.

Response:

Yes, the Contractor assumes all the rights and obligations of the City. The Tenderer is to include \$436,500.00 (excluding GST) for the cost of the three (3) vertical turbine pumps within their submission.

342. Proponent Question:

Refer to section 40 41 13 PROCESS PIPING HEAT TRACING
Section 3.2 Installation subsection b) refers to pipe lines and sizes that do not seem to relate to this tender. Please clarify which process pipes are to be heat traced.

Response:

- a. Hydrant Pump discharge pipe: A short pipe will be outside building and expose to air before it bends down to underground. That pipe (including the vertical drop-down) needs to be insulated (w/50mm thick) and heat traced. Please refer to process design drawing P-102 for details
- b. Compressed air pipes: Air Receiver is outside building, and some compressed air pipes will be exposed to air, refer to process design drawings P-101 & P-105, they also need to be insulated (50mm thick) and heat traced.

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343. Proponent Question:

We currently plan to bid the air-backwash system as specified, however it was brought to our attention a reference in the documents makes this item "owner supplied" for contractors to install. Can you please confirm that this is the intent or if the contractors are to carry the specified equipment under section 40 06 30 as part of their bid. Spec section 40 05 01 2.1.1 states the air tank and compressor are supplied by Owner. Did you note elsewhere in the spec that it was to be provided by the contractor?

Response:

Air backwash system (compressor and air tank) is not owner supplied. Contractor to carry this equipment as part of the bid.

344. Proponent Question:

Please confirm air compressor and tank system is supplied by owner.

Response:

Air backwash system (compressor and air tank) is not owner supplied. Contractor to carry this equipment as part of the bid.

345. Proponent Question:

Since the building excavation will be completed ahead of this contract to subgrade, will this include subgrade for footings or only to floor slab subgrade?

Response:

The excavation and grading of the water treatment plant site including the provision of the SGSB layer under paved surfaces and base layer under the slab on grade is being undertaken as part of Contract 1 [C16-10 - Raw Water Lake Intake]. Sufficient and suitable material will be stockpiled on site at the surge tank location for use as detail backfill material behind the foundation walls to the south, east and west sides of the building.

346. Proponent Question:

Will there be any type of granular material placed on the newly excavated subgrade to protect it from deterioration for the duration in time from when the excavation is completed to start of this contract?

Response:

See response to question 345.

347. Proponent Question:

This contract will be required to backfill the foundation walls approximately 2 -3 meters on the south, east, and west sides of the building. Will there be material left behind and available from the site excavation for backfilling walls under this contract?

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Response:

See response to question 345.

348. Proponent Question:

Specs for the E-House between 26 23 16 and 26 32 13. Can you please clarify the following:

- a. Does the combined generator/switchgear enclosure require 1 hour fire rating, or is non-combustible okay?
- b. If 1 hour fire rating is required, do you want a 1 hour fire rated sub base fuel tank as well? If so, the two modules should be split into separate buildings.

Response:

- a. please provide 1 hour fire rating.
- b. Not required.

Addendum Item 2

Addendum No. 8 Scope Clarification:

At retaining wall locations the 2H:1V slope will commence at the low-side elevation at the rear of the retaining wall foundation.

Addendum Item 3

Installing Totems at the Front Doors:

Replace the three (3) 350mm dia. cedar columns on gridlines C1, C2, and C3 with HSS 219mm dia. X 8.0 as per gridlines C4 and C5. Connection details as per those provided for HSS 219mm dia. columns.

Addendum Item 4

Question & Answer Period

The question and answer period is now closed and no other questions, clarifications, or requests will be considered due to the tender closing on Tuesday November 1st, at 3:00pm.

No further addendums shall be issued.

End of Addendum

Acknowledgement of this Addendum in your Tender submission is required.

Clinton J. Crook, SCMP, CPSM
Senior Buyer