

TENDER ADDENDUM

No: 01

Project: Nitrate Film Preservation Facility HVAC Remediation

Client Ref: R.067978.001

Date: 17/06/21

The following changes to the tender documents are effective immediately. This amendment will form part of the contract documents.

Amendment 001 is issued for the following:

(1) To provide Questions and Answers

Question 01

Is there an existing BAS contractor that we are required to use? There doesn't appear to be one listed in the specs.

Answer 01

The EMCS contractor shall be:

REL Controls

3096 Carp Road, Ottawa, Ontario, K0A1L0

Contact: Jose Amorim – jamorim@relcontrols.ca C: +1 (613) 880-2121 T: +1 (613) 232-9991

Question 02

Reference Spec Section 23 05 00 (3.2.1) "Clean interior and exterior of all systems including strainers. Vacuum interior of ductwork and air handling units." Can you please clarify if there is duct cleaning required for this project and what duct is to be included if there is?

Answer 02

The existing ductwork that is being retained to serve the vaults is required to be assessed and cleaned as necessary. No other ductwork is required to be cleaned as they are separate systems that are not part of the proposed works.

Question 03

Would it be possible to obtain a mechanical drawing detail of The Airhandler FA-AHU-01 as listed on the AHU Ref. schedule on drawing M60

Ideally, we are looking for the appropriate air flow labels with respect to the various duct connections on the air handler.

Answer 03

Please bid as per the plans and specifications, noting drawing M10

Question 04

The legend on M02 shows the same line for new and existing ductwork and the drawings have both on them would it be possible to remove the other layers issue drawings of just the new duct for clarity?

Answer 04

Please see attached re-printed drawings now correctly indicating what is 'existing' and what is new ductwork / pipework service (for the applicable phase where necessary).

Question 05

Can you please provide the missing notes 1,2,3&4 from drawing M40?

Answer 05

Please bid as per the plans and specifications, noting the title block on the right side of drawing M40

Question 06

There doesn't appear to be a specification section for the balancing valves or double regulating valves, the

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drawings show both balancing and double regulating valves which are typically the same thing, can you please provide us with a spec for these valves?

Answer 06

Please bid as per the plans and specifications, noting specification section 23 21 13.02

Question 07

The hydronic pump schedule doesn't match what's shown on the schematics. The schedule shows one pump for P-001, P-002, P-003 but on the schematic it is drawn as two pumps, can you please confirm how many pumps are required?

Answer 07

With regards to twinhead or single head pumps, the schedule states the 'pumpset' reference, the schematics show single and twin head pumps. Where twin head pumps are shown each pump head shall be sized for the duty stated in the schedule and the pumpset shall operate on a duty/standby basis.

Question 08

The specification for the expansion tanks (section 23 21 16 (2.1.4)) states "size as indicated". There is no size indicated for the expansion tanks can you please provide the missing information?

Answer 08

Please bid as per the plans and specifications, noting drawing M60

Question 09

Can you specify the locations of Panel B and Panel A if there is such a panel?

Answer 09

For panel A and B locations see attached overmarked plan and photos 770 (panel A) and 745 (panel B)

Question 10

Can you provide the required kA rating for Panel E?

Answer 10

60kVA connected onto a 120/280 3 phase supply

Question 11

Drawing E04 note 12 says "WALL MOUNTED ELECTRICAL HUMIDIFIERS FED FROM EXISTING PANEL MCC". On drawing E06, it shows fed from Panel B. Drawing E04 Note 13 says "WALL MOUNTED ELECTRICAL HUMIDIFIERS FED FROM EXISTING PANEL A". Again, drawing E06, it shows fed from Panel B Can you confirm which panel they are being fed from?

Answer 11

Drawing E04 revised and attached with updated notes 12 and 13.

Question 12

Who's fire alarm system is it?

Answer 12

The existing fire alarm system is manufactured by GE Security Canada

Question 13

Need a photo of exiting Distribution Panel "DB" [name plate for make and model] (Inside bottom right room)

Answer 13

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Please see photo ref 772 attached

Question 14

Please provide a location of panel B and the make and model

Answer 14

Please see photo 745 for panel B manufacturer

Question 15

Can you please provide a make and model for the MCC

Answer 15

existing MCC as per the attached photo (ref 688,689 & 690 – BMS panel wiring diagram / 743 BMS panel images RHS) is located in main LV room

Question 16

Please provide the location of “Chilled Water Automatic Glycol Dosing” as shown on drawings E06 being feed from new panel ‘E’

Answer 16

The chilled water automatic glycol dosing shall be located adjacent the proposed primary chilled water pumpsets.

ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME