



Materiel and Procurement Services
200 Kent Street, Station 9S018
Ottawa, Ontario
K1A 0E6

FP802-150146

October 15, 2015

Subject: Invitation to Tender: FP802-150146

Title: Real Property, Safety & Security has a construction requirement for Kitimat River Hatchery's office area heating systems located in British Columbia.

ADDENDUM: NO. 2

Further to the above mentioned Invitation to Tender documentation previously posted on the Government Electronic Tendering Site (GETS), BuyandSell.gc.ca, Addendum (#2) is hereby issued.

Please Note:

Please Delete:

Closing Date/Time Friday, October 16, 2015 @ 14:00 EDT

Please Insert:

Closing Date/Time Tuesday, October 20, 2015 @ 14:00 EDT

Q1) Would you be able to provide horsepower requirements for the entrance heater and heat pumps?

A1) 4.8 kW for entrance heater, HP- 1 is 230V/3PH/60 hz with an MCA of 24, HP-2 is 230V/3Ph/60 HZ with a 16 MCA.

Q2) On Drawing M1.02, under the new construction for the shop area, it shows the 450mm dia return air ducting that is acoustically lined before reaching the HPC-2 unit.

If we assume 25mm insulation thickness as per the spec, does the duct have to increase to 500 mm dia, in order to maintain the internal size of 450mm inside the duct? Please confirm.

A2) See specification section 2.1.3, inside dimension is to stay at 450mm.

Q3) What is the size of the refrigerant piping (supply and return) for the heat pumps?

A3) Refrigerant piping is to be sized by the heat pump supplier.

Q4) What is the piping material requirement for the 100mm dia combustion air and exhaust air lines in the shop as shown on drawing M1.02? Is there a requirement for these lines to be insulated?

A4) The furnace to be shall be "Horizontal Direct Vent Gas Furnace Variable Speed Inducer 2 Stage Heat". The Rating shall be as follows:1st Stage Input 15.2 kW, 1st Stage Capacity 14.77 kW, 2nd Stage

Input 23.43 kW, 2nd Stage Capacity 22.72 kW. Efficiency 97%. Therefore the material for 100mm dia. combustion air and exhaust air lines in the shop as shown on drawing M1.02 shall be PVC. Installation shall meet CSA B149 requirements. No insulation is required.

All other Terms and Conditions for this requirement remain unchanged.

Regards,

Grace Chau

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