



ADDENDUM N° 3

Date: July 27, 2016

Project: St. John's Air Handling Unit (AHU) # 3 Replacement Project

Bidders must make sure that their bids are based on the latest version of the tender documents published and take into consideration the following amendments and information, including any information provided in amendments or Q&As previously published for this project.

Bidders that do not comply with this requirement will be discarded.

1. INVITATION TO TENDER

See attached **MECHANICAL ADDENDUM #1**

All other conditions and requirements remain unchanged

MECHANICAL ADDENDUM #1
AAFC ACCCRC
Replacement of AHU #3
Building #25, St. John's, NL
Issued July 22, 2016

The following shall be added to the Mechanical plans and specification to form the complete tender documents for the above noted project:

Reference Specification Section 01 11 00 – Summary of Works

1. Delete item 1.2.2.7. The contractor shall use the existing wiring and circuit breaker for the new VFD.
2. Add the following requirement:
 1. Contractor shall supply and install new controls for the new unit as required to maintain unit control functions. Controls shall include but not be limited to:
 1. Pressure differential switch for control of VFD.
 2. Filter pressure differential switch
 3. Face and by pass damper motor and linkages and temperature control.
 4. Outside air damper motor and control.
 5. Supply air temperature sensor.
 6. Reconnect all control to existing control wiring.
 7. Any controls installed on the existing unit not included in the above list shall be re-installed on the new unit.
3. Add the following requirement:
 1. Supply and install a DDC control valve for the existing unit steam supply. Remove existing pneumatic valve. Extend existing DDC 0-10 volt wiring from existing pneumatic transducer to new DDC Valve controller. Approximate 10 meters of new control wiring required. The control valve is located in the ceiling space below the unit. The new valve operator shall be DDC controlled. Control valve shall be equal to Honeywell VGF2 two way flanged globe valve, 65 mm, CV 63 minimum, modulating actuator.
4. Add the following requirement:
 1. Disconnect existing steam supply and condensate return piping from the existing unit. Reconnect same to the new unit when the new unit is installed on the roof curb. Modify and extend steam and condensate piping as required to connect to new unit. The steam piping size is 75 mm and the condensate piping size is 65 mm.

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Reference Specification Section 23 74 00 – Packaged Outdoor HVAC Equipment

1. Delete reference to return air and exhaust air motorized dampers. Delete reference to hot water coil, Dx coil and air cooled condenser. Supply 100% fresh air unit with steam heating coil, no cooling.
2. Delete reference to gas heating.
3. An air flow station is not required.
4. 15 PSI steam is available for heating.
5. The unit is controlled from the existing DDC system.
6. There is no night setback mode.
7. Install unit on existing roof curb.
8. Unit shall include weather proof electrical disconnect.