

NOTIFICATION OF REVISION

Public Works and Government
Services Canada

Addendum No. 2

Solicitation Name: Government of Canada, Office Facility.
Solicitation Number: 1322.003

Date: Wednesday May 30, 2012

1. ELECTRICAL

1.1 SPECIFICATIONS

- .1 Section 27 10 05 Data Communications Cabling 3.26. Testing and Acceptance
 - .1 Paragraph 3.26.1.2
Revise first sentence to read: "Acceptable testers for CAT 6 and OM3 fiber cables are"
 - .2 Paragraph 3.23.7
Delete the words in brackets at the end of this paragraph.
 - .3 Paragraphs: 2.12.13; 2.13.2; 2.14.12; 2.15.11; 2.16.12
In each of these paragraphs delete the manufacturers names listed in brackets.

1.2 DRAWINGS

- .1 Electrical Drawing E1-01 Site Plan Electrical
 - .1 Revised diameter of concrete base on Light Standard Detail to 508mm.
- .2 Electrical Drawing E2-01 Main Floor Plan Lighting
 - .1 Added circuit 2G1A-19 for four (4) type 'CD' fixtures in Training 7103.
- .3 Electrical Drawing E2-02 Second Floor Plan Lighting
 - .1 Revised emergency circuit for six (6) type 'B' fixtures in Centre Stair and Upper Corridor 7004 to 2E1-5.
- .4 Electrical Drawing E3-01 Main Floor Plan Power
 - .1 Revised two (2) circuits for fire alarm panel in Electrical Room 0108 to 2E1-1 and 2E1-3.
- .5 Electrical Drawing E6-01 Main Floor Plan Mechanical Power and Ancillary Systems
 - .1 Provided power connection for mechanical control in Electrical Room 0108, circuit 2M1-53.
 - .2 Provided power connection for air dryer in Meters Room 0106, circuit 2E1-11.

- .6 Electrical Drawing E6-02 Second Floor Plan Mechanical Power and Ancillary Systems
 - .1 Provided power connection for chemical treatment pump in Mechanical Room 0116, circuit 2M2-57.
- .7 Electrical Drawing E8-01 Single Line Diagram and Schedules
 - .1 Revised secondary feeder to 2x4-350MCM in 2-100mm PVC concrete encased ducts plus 1-100mm PVC spare concrete encased duct.
 - .2 Revised breaker for Transformer TX-2 to 150A-3P.
 - .3 Revised feeder to transformer TX-2 to 4-F9.
 - .4 Revised breaker for panel LP-'6S' to 60A-3P.
 - .5 Revised transformer TX-3 to 150KVA.
 - .6 Revised feeder to distribution panel '2DPB' to 4-F15.
 - .7 Revised main breaker in distribution panel '2DPB' to 600A-3P.
 - .8 Revised 600A weatherproof junction box for portable generator to 600A weatherproof disconnect switch complete with lugs for connection to portable generator.
- .8 Electrical Drawing E8-06 Miscellaneous Systems Diagrams and Schedules
 - .1 Revised lighting fixture schedule.
 - .2 Refer to sketches RE-E86-ADD2-1, RE-E86-ADD2-2 and RE-E86-ADD2-3 attached.

2. MECHANICAL

2.1 SPECIFICATIONS

- .2 Section 25 90 01 EMCS: Site Requirements, Applications And Systems Sequences Of Operation, Control Schematic
 - .1 1.3.2.1 Make up air Unit (MUA-1):
 - .1 Add 1.3.2.4.11 to read: Totalize energy recovered by the heat wheel for M&V requirement.
 - .2 1.3.2.4 Building Water to Air Heat Pump System (HB-1/FC-1/P-3,P-4):
 - .1 Add 1.3.2.4.3 to read: Totalize heating run time and cooling run time separately for M&V requirement.
 - .3 Add 1.3.2.16 to read:
 - .1 Typical VSD
 - .1 Monitor power consumption via BACnet for all VSDs. Totalize power for M&V requirements.
 - .4 Add 1.3.2.17 to read:
 - .1 Typical Gas Unit heater
 - .1 Monitor status via current sensor. Totalize run time and equate gas consumption for M&V requirements.
 - .5 Add 1.3.2.18 to read:
 - .1 Utility Meters
 - .1 Totalize utility consumption for M&V requirements.
 - .6 Add 1.3.2.19 to read:
 - .1 LEED M&V requirements
 - .1 BAS contractor shall include for 50 virtual points.
 - .2 Virtual energy calculation points will require additional formula programming.

- .3 Formulas for energy shall be provided by LEED M&V consultant.
- .7 Revise Make-up Air unit Control Schematic, Miscellaneous Control Schematic and Self contained units Control Schematics as shown in attached sheets # BMS-1Add#2, BMS-6Add#2, BMS-7Add#2 and BMS-8Add#2.
- .8 Revise point list, as shown in attached sheet.

2.2 DRAWINGS

- .9 Mechanical Drawing M3-05 H.V.A.C. Riser Diagram
 - .1 Revised H.V.A.C. ductwork to include self contained Redundant back-up system by-pass arrangements for 2nd floor H.V.A.C. self contained A/C units S.C. UNIT 1 and S.C. UNIT-2
 - .2 Refer to Sketches SKM-1 SKM-2 & SKM-3. attached.

END OF ADDENDUM