

National Research Council Canada Conseil national de recherches Canada

Administrative Services and Property Management Branch Direction des services administratifs et gestion de l'immobilier



Addendum / Addenda

No./N ^O		
2		

Project Description / Description de projet

EME Vancouver - Maintenance Shop and Laboratory 1403 Renovations					
Solicitation No./ No de sollicitation	Project No./N ⁰ de projet		W.O. No./N ^O d'ordre de travail		
14-22091	4063		A1-005632-01-01		
Departmental Representative / représentant ministériel		Date			
John Yuen		Dec 9 th 2014			
Notice : This addendum shall form part of the tender documents and all conditions shall apply and be read in conjunction with the original plans and specifications.		Nota: Cet addenda fait partie intégrale des dossiers d'appel d'offres; toutes les conditions énoncées doivent être lues et appliquées en conjonction avec les plans et les devis originaux.			

This addendum #2 is a further clarification of addendum #1

For reasons of continuity, the bidders (*and ultimately the winning contractor for this tender*) are responsible and hereby instructed to seek pricing from and retain the services of:

- Honeywell (Mitch Canlas 604-654-5628) and
- SNG Electric (Steven Chen 604-779-7283)

Scope of work for above designated companies is as follows:

Honeywell Scope of Work:

- 1) Supply and install controls for CV103A and CV114 including box actuator controls and reheat coil controls. (*Contractor to supply new VAV boxes c/w factory installed actuators and reheat coils but without reheat coil water control valves*)
- Install controls and wiring for interlocking operation of CV-103A, VAVS-103 (existing) and FHEF-21.

- 3) Install controls and wiring for interlocking operation of CV114 and the existing dust collector in the Maintenance Shop.
- 4) Supply heating control valve for the reheat coils of CV103A and CV114. Control valves to be installed by the Contractor. CV-103A reheat coil to be controlled by the existing thermostat in Lab 1403. CV-114 reheat coil to be controlled by the existing thermostat for FC130.
- 5) Supply and install of low voltage wiring for the Nederman motorized dampers and operation boxes in Lab 1403, total nine (9) sets, including
 - Wiring between the motorized dampers and corresponding operation boxes,
 - Daisy chain wiring between operation boxes and
 - Control wiring from the last operation box to exhaust fan EF-1403.
- 6) Work with balancing agency to confirm calibration; pressurization control to maintain pressure in the Lab
- 7) Program, commission and verify operation of CV-103A and CV114 and interlocking function with the corresponding exhaust fans and dust collector.
- 8) Update existing graphics and provide as-built documentation and verification report.

SNG Scope of Work:

- 1) Supply and install power supply to the new exhaust fan EF-1403 and FHEF-21 including local disconnect/on-off switches.
- 2) Supply and install 120V/1ph power supply to the Nederman motorized damper operation boxes (total 9 units) in Lab 1403.
- 3) Supply and install power supply to the two new fume hoods in Lab 1403
- 4) Supply and install power supply to CV103A and CV114
- 5) Supply and install communication wiring between CV103A and CV114 and DDC control panel in the Mechanical Penthouse
- 6) Provide as-built documentation and verification report

Drawings

Replace originally issued Dwg 1407 M-003 and 1409 M-002 with new attached revised versions



