

**This Addendum contains 1 Page and 2 Attachments.**

The following information supplements and/or supersedes the bid documents dated: 2013-07-05

This Addendum forms part of the contract documents and is to be read, interpreted, and coordinated with all other parts. The cost of all contained in the original drawings and specifications issued for the above-named project to the extent referenced and shall become part thereof. Acknowledge receipt of this Addendum by inserting its number and date on the Tender Form. Failure to do so may subject bidder to disqualification.

MECHANICAL																
	DRAWINGS															
1.1	<p>Refer to attached sketch SK-M-01</p> <ul style="list-style-type: none"><li>- Re-balance diffusers serving DOCC Room 102.03 from 151 l/s to 132 l/s.</li><li>- Re-size ductwork serving VAV-121.1 as shown.</li><li>- Re-balance diffusers serving Break Room 121.05 from 47 l/s to 142 l/s.</li></ul> <p>Refer to attached sketch SK-M-02:</p> <ul style="list-style-type: none"><li>- Change the existing Fan coil units FC-102.1, 102.2 and condensing units CU-102.1, 102.2 specified to the new units specified in the sketch.</li></ul> <p>Refer to Drawing M1.1:</p> <ul style="list-style-type: none"><li>- Refer to VAV box Schedule:</li><li>- Revise VAV-121.1 from a size 150Ø to a size 200Ø with a maximum air flow rate of 283 l/s.</li></ul> <p>Include the following Fan coil schedule to be read in conjunction with drawing M1.1:</p> <table><tr><th>FAN COIL NUMBER</th><th>FAN COIL SIZE</th><th>ROOMS SERVED</th><th>MAX. L/S</th><th>OUTSIDE AIR L/S</th></tr><tr><td>102.1</td><td>3.5 TON</td><td>102.03</td><td>661</td><td>189</td></tr><tr><td>102.2</td><td>3.5 TON</td><td>102.03</td><td>661</td><td>189</td></tr></table>	FAN COIL NUMBER	FAN COIL SIZE	ROOMS SERVED	MAX. L/S	OUTSIDE AIR L/S	102.1	3.5 TON	102.03	661	189	102.2	3.5 TON	102.03	661	189
FAN COIL NUMBER	FAN COIL SIZE	ROOMS SERVED	MAX. L/S	OUTSIDE AIR L/S												
102.1	3.5 TON	102.03	661	189												
102.2	3.5 TON	102.03	661	189												



VAV-XXX SINGLE DUCT VAV TERMINAL UNITS – REFER TO SCHEDULE ON DRAWINGS  
 COMPLETE WITH: ATTENUATOR  
 MULTI-POINT AIR FLOW SENSOR  
 12mm DIA DAMPER SHAFT.  
 SET UP FOR VARIABLE VOLUME APPLICATION  
 ACTUATOR AND STAT BY CONTROLS  
 ELECTRICAL: LOW VOLTAGE POWER BY CONTROLS

FAN COILS:

FC-102.1 VARIABLE SPEED HORIZONTAL FAN COIL UNIT WITH DX COOLING – VARIABLE REFRIGERANT VOLUME  
 FC-102.2  
 CLG CAPACITY: 12.3 KW (42 MBH) 3.5 TON NOMINAL (EACH)  
 AIRFLOW: 661 l/s (1400 CFM) @ 125 Pa (0.5") ESP  
 COMPLETE WITH: 2 SPEED DIRECT DRIVE FAN – HIGH / LOW  
 WASHABLE FILTER  
 FLEXIBLE DUCTWORK CONNECTIONS  
 SUITABLE FOR HORIZONTAL INSTALLATION WITH HORIZONTAL SUPPORT FRAME KIT, NEOPRENE  
 ISOLATORS & HANGERS  
 CONDENSATE DRAIN PAN WITH BUILT-IN DRAIN PUMP  
 PROGRAMMABLE REMOTE THERMOSTAT WITH LCD DISPLAY  
 R-410a REFRIGERANT  
 SND PRES. LVL: 44 / 40 DBA (H / L) MEASURED AT 5' BELOW RETURN GRILLE  
 DIMENSIONS: 1400mm W x 300mm H x 701mm D  
 ELECTRICAL: 208V / 1 PH / 2.9 MCA

CONDENSING UNITS:

CU-102.1 HIGH EFFICIENCY CONDENSING UNIT – VARIABLE REFRIGERANT VOLUME  
 CU-102.2  
 COOLING CAPACITY: 12.3 KW (42 MBH) 3.5 TON NOMINAL  
 COMPLETE WITH: INSULATED REFRIGERANT LINE SET (SIZED FOR APPLICATION) & ALL REQUIRED ACCESSORIES  
 FULL CHARGE R410A REFRIGERANT  
 LOW AMBIENT KIT FOR OPERATION TO -40 deg F WITH COMPRESSOR  
 CRANK CASE HEATER, HEATED RECEIVER  
 INDOOR BLOWER RELAY  
 COMPRESSOR TIME-OFF CONTROL  
 DIMENSIONS: 930mm W x 1680mm H x 765mm D  
 WEIGHT : 128 KG  
 ELECTRICAL: 208V / 1 PH / 27 MCA

HUMIDIFIERS:

HUM-102.1 HUMIDIFIER –FOR FC-102.1 & 102.2  
 HUM-102.2 ELECTRODE STEAM EVAPORATIVE HUMIDIFIER  
 CAPACITY: 0-5 LB/hr

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PROJECT NAME:

RCMP  
 OFFICE RENOVATIONS

DRAWING NAME:

SCHEDULE

DRAWN BY:  
 BG

SCALE:

–

DESIGNED BY:  
 BG

DATE:  
 AUG. 28, 2013

CADD FILE NAME:  
 M4.1 R1

PROJECT No.:  
 R.050172.002

DRAWING NUMBER:

**SK-M-02**