



# City of Richmond

March 06 , 2013

**Business and Financial Services Department**  
Finance Division  
Telephone: 604-276-4218  
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**Attention: To All Tenderers**

Dear Bidders:

Re: 5121Q – Richmond Ice centre HVAC Upgrade 2014- Addendum #3

This Addendum includes items of clarification, forms part of the Contract Documents and shall be read, interpreted and coordinated with all other parts. Please review and consider the following information in the preparation of your quotation:

1. Refer to drawing M-2, “Equipment Schedule” note 12, noting the following clarification that provides a list of the existing DDC points for each respective AC unit:

**Control Panel:** 10701      **Local Panel:** 10701      **Power Panel #:**      **CP Model :** DAC-1146  
**Mechanical Dwg:**      **Enclosure Model :** 12x12H      **Power Circuit #:**      **Exp. Module 1:**  
**CP Location:** AC Unit1 - Control Cabinet      **Exp. Module 2:**

Point #	Descriptor	Field Part	Wiring Detail	Point #	Descriptor	Field Part	Wiring Detail
10701.IP1	AC1_SFA	RIBXKT5-10	MTR Status	10701.OP1	AC1_CLG_STG1-C	MZPA001921	CTL RTU_M15
10701.IP2	AC1_SAT	DTS410	TMP 10K Device	10701.OP2	AC1_CLG_STG2-C	MZPA001921	CTL RTU_M15
10701.IP3	AC1_MAT	DTS410	TMP 10K Device	10701.OP3	AC1_HTG_STG1-C	MZPA001921	CTL RTU_M15
10701.IP4	AC1_RT_2	RTS-20	TMP 10K Device	10701.OP4	AC1_HTG_STG2-C	MZPA001921	CTL RTU_M15
10701.IP101	AC1_RT_1	DNS-24L	TMP DNS-24 Int24V	10701.OP5	AC1_SFC	M15MAH12DC	CTL RTU_M15
				10701.OP7	AC1_MAD	LF24-SR	ACT Bal_MOD

**Control Panel:** 10702      **Local Panel:** 10702      **Power Panel #:**      **CP Model :** DAC633  
**Mechanical Dwg:**      **Enclosure Model :** 12x12H      **Power Circuit #:**      **Exp. Module 1:**  
**CP Location:** AC Unit2 - Control Cabinet      **Exp. Module 2:**

Point #	Descriptor	Field Part	Wiring Detail	Point #	Descriptor	Field Part	Wiring Detail
10702.IP1	AC2_SFA	RIBXKT5-10	MTR Status	10702.OP1	AC2_CLG_STG1-C	MZPA001921	CTL RTU_M15
10702.IP2	AC2_SAT	DTS410	TMP 10K Device	10702.OP2	AC2_HTG_STG1-C	MZPA001921	CTL RTU_M15
10702.IP3	AC2_MAT	DTS410	TMP 10K Device	10702.OP3	AC2_SFC	MZPA001921	CTL RTU_M15
10702.IP4	AC2_RT_1	RTS-20	TMP 10K Device	10702.OP4	AC2_MAD	LF24-SR	ACT Bal_MOD

**Control Panel:** 10703      **Local Panel:** 10703      **Power Panel #:**      **CP Model :** DAC633  
**Mechanical Dwg:**      **Enclosure Model :** 12x12H      **Power Circuit #:**      **Exp. Module 1:**  
**CP Location:** AC Unit3 - Control Cabinet      **Exp. Module 2:**

Point #	Descriptor	Field Part	Wiring Detail
10703.IP1	AC3_SFA	RIBXKTV5-10	MTR Status
10703.IP2	AC3_SAT	DTS410	TMP 10K Device
10703.IP3	AC3_MAT	DTS410	TMP 10K Device
10703.IP4	AC3_RT_2	RTS-20	TMP 10K Device
10703.IP101	AC3_RT_1	DNS-24L	TMP DNS-24 Int24V

Point #	Descriptor	Field Part	Wiring Detail
10703.OP1	AC3_CLG_STG1-C	MZPA001921	CTL RTU_M15
10703.OP2	AC3_HTG_STG1-C	MZPA001921	CTL RTU_M15
10703.OP3	AC3_SFC	MZPA001921	CTL RTU_M15
10703.OP4	AC3_MAD	LF24-SR	ACT Bel_MOD

**Control Panel:** 10704      **Local Panel:** 10704      **Power Panel #:**      **CP Model :** DAC-322  
**Mechanical Dwg:**      **Enclosure Model :** 12x12H      **Power Circuit #:**      **Exp. Module 1:**  
**CP Location:** AC Unit4 - Side of supply duct      **Exp. Module 2:**

Point #	Descriptor	Field Part	Wiring Detail
10704.IP1	AC4_SFA	RIBXKTV5-10	MTR Status
10704.IP2	AC4_SAT	DTS410	TMP 10K Device
10704.IP101	AC4_RT_1	DNS-24L	TMP DNS-24 Int24V

Point #	Descriptor	Field Part	Wiring Detail
10704.OP1	AC4_CLG_STG1-C	MZPA001921	CTL RTU_M15
10704.OP2	AC4_HTG_STG1-C	MZPA001921	CTL RTU_M15
10704.OP3	AC4_SFC	MZPA001921	CTL RTU_M15

Yours truly,



Sharon Bentley, SCMP  
Buyer 2