



ADDENDUM

PROJECT TITLE: Supply of Hydronic Pumps and Heat Exchangers	ADD. NO: 1
TENDER NO: 2023-085303T	DATE: July 18 th , 2023
PAGE 1 of 2 (Including Confirmation Sheet)	

Make the following modifications to the above project. Include in the amount of the Tender, any additions to or deductions from the cost of the work by reason of these instructions.

Sign and attach this Addendum to the Tender documents and submit with your Tender. Failure to do so may result in the rejection of your Tender.

Please find attached information for Addendum #1.

SIGN AND RETURN THIS ADDENDUM WITH YOUR PROPOSAL

BY: Monic MacVicar
Monic MacVicar, CCLP, CPPB
Procurement Specialist, Supply Chain Management

Contractor's Signature



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CONFIRMATION - RECEIPT OF ADDENDUM

**Upon receipt of this document, fax this page to
(506) 658-4742 to confirm receipt of this addendum.**

CONTRACTOR'S NAME: _____

ADDRESS: _____

PHONE: _____ FAX: _____

RECEIVER NAME (PRINT) _____

RECEIVER SIGNATURE: _____



Addendum

120 Millennium Drive, Suite 201
Quispamsis, New Brunswick E2E 0C6
Phone (506) 847-8285 Fax (506) 848-2131
www.mcw.com

Date: July 18, 2023

Project Name: Canada Games Aquatic Centre
Saint John, NB
Interconnect from Market Square

Client: City of Saint John

To: City of Saint John

Attention: Samir Yammine

From: Stephen Erb

Distribution:

Project #: 12-23-012

ADD #: 1

Page #: 1 of 1

+ Attachment

In accordance with the drawings and specifications, provide in the tender all costs required to complete the work including items as listed below.

Title: Revised Equipment Schedule SKM-2, Rev1 (Attached PDF)
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Reason for Change: Revisions to performances and request for Alternate Equipment
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Mechanical Drawings:

Drawing #	Revisions
MSK-1 Rev.1	<ul style="list-style-type: none">Revised pump performance requirements as per SKM-2, Rev 1.Acceptable Alternate for the Plate and Frame Heat Exchanger: SEC ManufacturingAcceptable Alternate for the pumps: TACO, B&G, Wilo.Note Performances will need to meet the design requirements of the Tender Documents. Review will be during Shop Drawing submission. Any changes to the design shall be the responsibility of the supplier for meeting the design requirements.

End of ADD # 1

HEAT EXCHANGER SCHEDULE

EQUIP. No.	LOCATION	SERVICE	PRIMARY (HOT)						SECONDARY (COLD)						HEAT EXCH. KW	TYPE	NUMBER OF PLATES	PLATE MATERIAL	GASKET MATERIAL	MANUF.	MODEL #	NOTES
			FLUID	FLOW L/S	P.D. kPa	E.W.T. °C	L.W.T. °C	WORKING PRESSURE kPa	FLUID	FLOW L/S	P.D. kPa	E.W.T. °C	L.W.T. °C	WORKING PRESSURE kPa								
HX-1	MARKET SQUARE MECH. RM.	GCAC THERMAL INTERCONNECT	HEATING WATER	38.1	33	32	26.7	1034	30% PROP. GLYCOL	15.77	6.9	16.7	31.1	1034	880	PLATE AND FRAME	162	AISI 304	NBRH 5/302 F	ARMSTRONG	S46NG-150-162-1300	
HX-2	POOL EQUIPMENT ROOM (CGAC)	POOL WATER PRE-HEAT	30% PROP. GLYCOL	15.77	34	31.1	27.8	1034	POOL WATER	15.09	30.3	26.7	30.0	1034	209	PLATE AND FRAME	87 TKTM96	Ti/19%	NBRH 5/302 F	ARMSTRONG	S46NG-150-87-1000	
HX-3	BOILER ROOM (CGAC)	DHW PRE-HEAT	30% PROP. GLYCOL	15.77	34	22.2	16.7	1034	DOMESTIC HOT WATER	15.77	8.1	10	21.1	1034	349.5	PLATE AND FRAME	61	AISI 316L	NBRH FDA 5/302 F	ARMSTRONG	S63-150-61-1000	

PUMP SCHEDULE

PUMP NO.	SERVICE	LOCATION	TYPE	MANUFACT.	FLUID	MODEL	FLOW L/S	HEAD kPa	MOTOR POWER	RPM	ELEC.	ACCESSORIES
CP-1A / CP-1B	LOW TEMP HEATING LOOP	CGAC BOILER ROOM	VERTICAL INLINE	ARMSTRONG	30% PROPYLENE GLYCOL	4300 2505-005	15.77	165	5.0 HP	1800	575/3/60	c/w SUCTION GUIDE, FLO-TREX VALVE AND VFD
CP-2	HX-2	POOL EQUIPMENT ROOM	VERTICAL INLINE	ARMSTRONG	30% PROPYLENE GLYCOL	4300 0305-003	15.77	60	3.0 HP	1800	575/3/60	c/w SUCTION GUIDE, FLO-TREX VALVE AND VFD
CP-3	POOL PRE-HEAT	POOL EQUIPMENT ROOM	VERTICAL INLINE	ARMSTRONG	WATER	4300 0305-003	15.14	45	3.0 HP	1800	575/3/60	c/w SUCTION GUIDE, FLO-TREX VALVE AND VFD
CP-4	HTHP (EVAP.)	CGAC BOILER ROOM	VERTICAL INLINE	ARMSTRONG	30% PROPYLENE GLYCOL	4300 0305-003	8.5	25	3.0 HP	1800	575/3/60	c/w SUCTION GUIDE, FLO-TREX VALVE AND VFD
CP-5	HTHP (COND.)	CGAC BOILER ROOM	VERTICAL INLINE	ARMSTRONG	WATER	4300 0305-003	21.8	75	3.0 HP	1800	575/3/60	c/w SUCTION GUIDE, FLO-TREX VALVE AND VFD
CP-6	HX-3	CGAC BOILER ROOM	VERTICAL INLINE	ARMSTRONG	30% PROPYLENE GLYCOL	4300 0305-003	15.77	60	3.0 HP	1800	575/3/60	c/w SUCTION GUIDE, FLO-TREX VALVE AND VFD
CP-7	DHW PRE-HEAT	CGAC BOILER ROOM	VERTICAL INLINE	ARMSTRONG	WATER	4300 2505-001.5	7.57	75	1.5 HP	1800	575/3/60	c/w SUCTION GUIDE, FLO-TREX VALVE AND VFD
CP-8A / CP-8B	MARKET SQUARE HX-1	MARKET SQUARE CHILLER RM	BASE MOUNTED END SUCTION	ARMSTRONG	WATER	4200H 408-07.5	38.2	75	7.5 HP	1800	575/3/60	c/w SUCTION GUIDE, FLO-TREX VALVE AND VFD



120 MILLENNIUM DRIVE, SUITE 201
 QUISPAMIS, NB E2E 0C6
 BUS: (506) 847-8285 FAX: (506) 848-2131
 WWW.MCW.COM ENG. JOB NO. 12-23-012

Project
 CANADA GAMES AQUATIC CENTER
 THERMAL INTERCONNECT TO
 MARKER SQUARE

Project No.
 12-23-012

Drawn

Drawing Title
 EQUIPMENT SCHEDULES

Date
 JULY 2023

Scale
 AS NOTED

Drawing No.

SKM-2
 REV: 1