

# Addendum/Addenda

No./N°

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Project Description / Description de projet		
M-06 Boiler #1 & Boiler #3 Upgrades		
Solicitation No./ N° de sollicitation	Project No./N° de projet	W.O. No./N° d'ordre de travail
15-22191	5042	A1-006911-06-03
Departmental Representative / Représentant Ministériel	Date	
Marco Pozzebon	21 Mar 2016	
<p><b>Notice:</b></p> <p>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.</p>	<p><b>Nota:</b></p> <p>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.</p>	

1. Replace all references throughout the specifications which read: CSA B149.3-10 to read as follows: CSA B149.3-15.
  
2. Revise article 5.3 in specification section 23 00 00 – Details Scope of Work to read as follows:
  - a) Disconnect vent line from pilot safety vent valve and plug. Remove vent piping back to main Boiler 3 vent. (Item 20 on drawing 5042-M03, Details 6, 7 & 8 on drawing 5042-M09).
  - b) Disconnect main regulator sensing line bleed valve and plug. Remove vent piping back to main Boiler 3 vent. (Details 5, 6, 7 & 8 on drawing 5042-M09).
  - c) Disconnect the vent combination where Boiler 2 main natural gas vent connects with Boiler 3 main natural gas vent. Cap Boiler 2 interconnection at Boiler 3 main natural gas vent. This combination is located at the front right of the boiler near the top of the boiler. Rework new main and pilot regulator vent piping and connect to existing interconnection point on Boiler 3 main natural gas vent where existing pilot safety vent (5.3.a) and main regulator sensing bleed line (5.3.b) combined vent are to be removed (Details 6, 7 & 8 on drawing 5042-M09).
  
3. Replace Appendix A – Device List with attached. For clarification, Contractor shall provide all items highlighted in yellow, R&R Automation shall provide the remainder. Contractor shall be responsible to provide all required piping, fittings, accessories, etc. to install all items for a complete and functional system in accordance with contract documents.

Item	Qty	Location	Service	Schematic Reference	Component Identification Item No.	Manufacturer	Model Number	Description	Notes
1	1	Main	Natural Gas	N/A		Homestead	Figure 612-CSA	8" main shutoff valve	CSA approved
2	1	Main	Natural Gas	N/A		Homestead	Figure 612-CSA	6" main shutoff valve Boiler 2	CSA approved
3	1	Main	Natural Gas	N/A		Homestead	Figure 612-CSA	6" main shutoff valve Boiler 4	CSA approved
4	4	Ventilation	Air	5042-E04		Dwyer	DH3-014	Ventilation System Interlock - Pressure Switch	
5	4	Ventilation	Air	N/A		BAPI	ZPS-ACC10-V	Outside Pressure Pickup Port	http://www.baphivac.com/
6	1	Ventilation	Air	5042-E04		Phoenix	PSR-SCP-24VDC/SDC4/2X1/B and	Safety relay	
7	N/A	Boiler 1,3,4	Controls	N/A		ABB	PSR-SCP-24VDC/URM4/4X1/2X2/B	PLC I/O cards as required	R&R to specify quantity and model
8	N/A	Boiler 1,3,4	Controls	N/A		ABB		PLC Modbus interface cards as required	R&R to specify quantity and model
9	N/A	Boiler 1,3	Controls	N/A				BMS Panel Indicating Lights	R&R to specify manufacturer, quantity and model
10	2	Boiler 1,3	Controls	5042-E01,E02,E03		Fireye	YB110DC	chassis/amplifier	
11	2	Boiler 1,3	Controls	5042-E01,E02,E03		Fireye	YP102	programmer	
12	2	Boiler 1,3	Controls	5042-E01,E02,E03		Fireye	BL1510	LCD display	
13	2	Boiler 1,3	Controls	5042-E01,E02,E03		Fireye	60-2814-1	wiring base, terminal blocks, open end	
14	2	Boiler 1,3	Controls	5042-E01,E02,E03		Fireye	129-178-8	remote mounting kit	
15	2	Boiler 1,3	Controls	5042-E01,E02,E03		Fireye	YZ300	interlock annunciator "First Out" for Troubleshooting	
16	2	Boiler 1,3	Controls	5042-E01,E02,E03		Fireye	60-2874-1	wiring base, terminal blocks, open end	
17	2	Boiler 1,3	Controls	5042-E01,E02,E03		Fireye	ED-580-4	interconnection cable, 4ft	
18	2	Boiler 1,3	Controls	5042-E01,E02,E03		Fireye	ED610	ED 610 modbus	
19	2	Boiler 1,3	Controls	5042-E01,E02,E03		Fireye	ED512-4	ED512-4 ribbon cable	
20	1	Boiler 1	Air	N/A		ABB	ABB to specify	VFD	
21	1	Boiler 1	Natural Gas	5042-M01	2	Sure Flow	YF150	2 1/2" Y strainer, cast steel, 150# flange, 100 mesh, gas service	
22	1	Boiler 1	Natural Gas	5042-M01	15	Maxon	250CMA11-BA11-BB22A0	Natural Gas Automatic Safety Shut-off Valve	replace existing manual reset type
23	1	Boiler 1	Natural Gas	5042-M01	14	Flextech or Senior Flexionics		2 1/2" Main Burner Flexible Hose - flange connection	CSA approved, CRN, contractor to verify size
24	1	Boiler 1	Natural Gas	5042-M01	28	Flextech or Senior Flexionics		3/4" Pilot Burner Flexible Hose - NPT	CSA approved, CRN, contractor to verify size
25	1	Boiler 1	#2 Fuel Oil	5042-M02	12	Flextech or Senior Flexionics		SS Flexible Hose, NPT	rating of 1000F, CRN, contractor to verify size
26	1	Boiler 1	Steam	5042-M02	21	Flextech or Senior Flexionics		SS Flexible Hose, NPT	rating of 1000F, CRN, contractor to verify size
27	1	Boiler 1	Steam	5042-M02	20	Velan		3/4" Gate Valve	suitable for steam
28	1	Boiler 1	Steam	5042-M02	17	Ashcroft	B4-24-S-XC8-200PSI	Burner Low Atomizing steam pressure switch	
29	1	Boiler 3	Natural Gas	5042-M03	1	Homestead	Figure 612-CSA	6" main shutoff valve Boiler 3	CSA approved
30	1	Boiler 3	Natural Gas	5042-M03	5	Sure Flow	YF150	3" Y strainer, cast steel, 150# flange, 100 mesh, gas service	
31	1	Boiler 3	Natural Gas	5042-M03	11	Maxon	400CMA11-BA11-BB22A0	Natural Gas Automatic Safety Shut-off Valve	replace existing manual reset type
32	1	Boiler 3	Natural Gas	5042-M03	8	Maxon	2 1/2" CV	Butterfly Valve for Control	Designed for gas use, R&R to specify model
33	2	Boiler 3	Natural Gas	5042-M03	21,26	MA Stewart	B-3	3/4" Manual Shutoff Valve	CSA approved
34	1	Boiler 3	Natural Gas	5042-M03	22	Fisher		3/4" pilot regulator	R&R to specify model
35	2	Boiler 3	Natural Gas	5042-M03	24,25	ASCO	S261SG02N3E65	3/4" NC solenoid valve	CSA approved
36	1	Boiler 3	Natural Gas	5042-M03	27	Flextech or Senior Flexionics		3/4" Pilot Burner Flexible Hose - NPT	CSA approved, CRN, contractor to verify size
37	1	Boiler 3	#2 Fuel Oil	5042-M04	5	Endress & Hauser		Oil Flow Transmitter	R&R to specify model
38	1	Boiler 3	#2 Fuel Oil	5042-M04	15	Flextech or Senior Flexionics		SS Flexible Hose, NPT	rating of 1000F, CRN, contractor to verify size
39	1	Boiler 3	Steam	5042-M04	25	Flextech or Senior Flexionics		SS Flexible Hose, NPT	rating of 1000F, CRN, contractor to verify size
40	1	Boiler 3	Steam	5042-M04	19	Velan		3/4" Gate Valve	suitable for steam
41	1	Boiler 3	Steam	5042-M04	20	SOR	17RB-K2-M9-B1A-CS	Burner Low Atomizing steam/oil differential pressure switch	





