



806-2014 ADDENDUM 2

MARION AND ASSINIBOINE FLOOD PUMPING STATION VENTILATION AND ELECTRICAL UPGRADES

URGENT

PLEASE FORWARD THIS DOCUMENT TO WHOEVER IS IN POSSESSION OF THE BID OPPORTUNITY

ISSUED: September 15, 2014
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THIS ADDENDUM SHALL BE INCORPORATED INTO THE BID OPPORTUNITY AND SHALL FORM A PART OF THE CONTRACT DOCUMENTS

Template Version: A20131129

Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Bid Opportunity, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph 10 of Form A: Bid may render your Bid non-responsive.

PART B – BIDDING PROCEDURES

Revise: B2.1 to read: The Submission Deadline is 12:00 noon Winnipeg time, September 19, 2014.

PART D – SUPPLEMENTAL CONDITIONS

Revise: D2.2(b) to read: Supply and install a new outdoor medium voltage disconnect switch to allow isolation of the service entrance padmount transformer. Provide a reinforced concrete base. Disconnect existing cable from transformer and re-connect to new disconnect switch. Supply and install new cable and terminate on new disconnect switch and existing transformer. Coordinate with Manitoba Hydro on medium voltage work.

Revise: D2.2(e) to read: Supply and install portable generator connection point.

Replace: Form I with the attached Form(s). The following is a summary of changes incorporated in the replacement forms:

Form I(R1): Change Item #2 and #5 to match D2.2(b) and D2.2(e) respectively.

PART E – SPECIFICATIONS

Add to: E1.3

<u>Specification No.</u>	<u>Specification Title</u>
262923	Variable Frequency Drives

Section 08 10 00

Revise: 2.5.1 to read: Doors: swing type, flush, steel stiffened, kraft honeycomb core.

Section 25 30 01

Revise: 2.4.10 to read: Flush mounting rated IP65 or NEMA 4.

Section 26 05 01

Add: 2.2.4: Supply and install all unit heaters in accordance with specification 238240 Unit Heaters - Electric

Section 26 05 21

Revise: 4.2 to read:

ASSINIBOINE FLOOD PUMPING STATION (0115F) - CABLE SCHEDULE							
CABLE TAG	CABLE TYPE	FROM	TO	LENGTH (m)	ROUTING	NOTES	REV.
C-F72-A	1-3C, 750 kcmil, TECK90, 1000V	CSTE-F70	DP-F72	TBD			0
C-F72-B	1-3C, 750 kcmil, TECK90, 1000V	GEN. HOOK-UP SPLITTER SPL-F71	DP-F72	TBD			0
C-F01-1	1-3C, 750 kcmil, TECK90, 1000V	DP-F72	STARTER MS-F01	TBD			0
C-F02-1	1-3C, 8 AWG, TECK90, 1000V	DP-F72	STARTER MS-F02	TBD			0
C-F01-2	1-3C, 750 kcmil, TECK90, 1000V	STARTER MS-F01	PUMP DISCONNECT SWITCH DS-F01	TBD			0
C-F01-3	1-3C, 750 kcmil, TECK90, 1000V	PUMP DISCONNECT SWITCH DS-F01	FLOOD PUMP P-F01	TBD			0
C-F73-1	1-2C, 10 AWG, TECK90, 1000V	DP-F72	TRANSFORMER XFMR F73	TBD			0
C-F77	1-3C, 12 AWG, TECK90, 1000V	DP-F72	PHASE VOLTAGE MONITOR EAF-F77	TBD			1
C-F60-1	1-3C, 12 AWG, TECK90, 1000V	DP-F72	DISCONNECT SWITCH DS-F60	TBD			0
C-F61-1	1-3C, 12 AWG, TECK90, 1000V	DP-F72	DISCONNECT SWITCH DS-F61	TBD			0
C-F60-2	1-3C, 12 AWG, TECK90, 1000V	DISCONNECT SWITCH DS-F60	UNIT HEATER UH-F60	TBD			0
C-F61-2	1-3C, 12 AWG, TECK90, 1000V	DISCONNECT SWITCH DS-F61	UNIT HEATER UH-F61	TBD			0
C-F74	1-3C, 6 AWG, TECK90, 1000V	DP-F72	60A WELDING RECEPTACLE RCPT-F74	TBD			0
C-F75	1-3C, 10 AWG, TECK90, 1000V	DP-F72	SURGE ARRESTER TVSS-F75	TBD			0
C-F63-1	1-3C, 12 AWG, TECK90, 600V	PANEL PNL-F73	SF-F63 MOTOR STARTER MS-F63	TBD			0
C-F63-2	1-3C, 12 AWG, TECK90, 600V	SF-F63 MOTOR STARTER MS-F63	SUPPLY FAN SF-F63	TBD			0
C-F63-3	1-2C, 12 AWG, TECK90, 600V	PANEL PNL-F73	MOTORIZED DAMPER RELAY MD-F63.EC	TBD		RELAY LOCATED IN MS-F63	1
C-F76	1-3C, 1 AWG, TECK, 15kV, 133%	DISCONNECT SWITCH SGR-F76	150 kVA TRANSFORMER	TBD			1
C-F70	1-3C, 500 kcmil, TECK90, 1000V	150 kVA TRANSFORMER	CSTE-F70	TBD			1
CA-F77	2C, 14 AWG, TECK90, 600V	PHASE VOLTAGE MONITOR EAF-F77	RTU PANEL RTU-F80	TBD			1
CA-F01-1	24C, 14 AWG, TECK90, 600V	STARTER MS-F01	RTU PANEL RTU-F80	TBD			0
CA-F01-2	1PR, 18 AWG, ACIC, 600V	STARTER MS-F01	RTU PANEL RTU-F80	TBD			0
CA-F01-3	2C, 14 AWG, TECK90, 600V	PUMP DISCONNECT SWITCH DS-F01	RTU PANEL RTU-F80	TBD			0
CA-F80	2C, 14 AWG, TECK90, 600V	RTU PANEL RTU-F80	STARTER MS-F01	TBD			1
CA-F02	2C, 14 AWG, TECK90, 600V	PUMP DISCONNECT SWITCH DS-F02	RTU PANEL RTU-F80	TBD			0
CA-F641	2C, 14 AWG, TECK90, 600V	CURRENT SENSING RELAY ISF-F641	RTU PANEL RTU-F80	TBD			0
CA-F64	2C, 14 AWG, TECK90, 600V	DRYWELL SUPPLY FAN SF-F64	RTU PANEL RTU-F80	TBD			1
CA-L512	2C, 14 AWG, TECK90, 600V	PUMP LEVEL FLOOD	RTU PANEL RTU-F80	TBD			1

MARION FLOOD PUMPING STATION (0159F) - CABLE SCHEDULE							
CABLE TAG	CABLE TYPE	FROM	TO	LENGTH (m)	ROUTING	NOTES	REV.
C-F72-A	6-1C 500, kcmil, TECK, 1kV	DISTRIBUTION ENCLOSURE DP-F70	MCC-F72	TBD	CONDUIT		0
C-F72-B	6-1C 500, kcmil, TECK, 1kV	GENERATOR HOOK-UP JUNCTION BOX JB-F71	MCC-F72	TBD	CONDUIT		0
C-F01-1	1-3C, 500 kcmil, TECK90, 1000V	STARTER MS-F01 IN MCC-F72	PUMP DISCONNECT SWITCH DS-F01	TBD			0
C-F02-1	1-3C, 750 kcmil, TECK90, 1000V	STARTER MS-F02 IN MCC-F72	PUMP DISCONNECT SWITCH DS-F02	TBD			0
C-F03-1	1-3C, 750 kcmil, TECK90, 1000V	STARTER MS-F03 IN MCC-F72	PUMP DISCONNECT SWITCH DS-F03	TBD			0
C-F01-2	1-3C, 500 kcmil, TECK90, 1000V	PUMP DISCONNECT SWITCH DS-F01	FLOOD PUMP P-F01	TBD			0
C-F02-2	1-3C, 750 kcmil, TECK90, 1000V	PUMP DISCONNECT SWITCH DS-F02	FLOOD PUMP P-F02	TBD			0
C-F03-2	1-3C, 750 kcmil, TECK90, 1000V	PUMP DISCONNECT SWITCH DS-F03	FLOOD PUMP P-F03	TBD			0
C-F73-1	1-2C, 8 AWG, TECK90, 1000V	MCC-F72	TRANSFORMER XFMR F73	TBD			0
C-F60-1	1-3C, 12 AWG, TECK90, 1000V	MCC-F72	DISCONNECT SWITCH DS-F60	TBD			0
C-F61-1	1-3C, 12 AWG, TECK90, 1000V	MCC-F72	DISCONNECT SWITCH DS-F61	TBD			0
C-F62-1	1-3C, 12 AWG, TECK90, 1000V	MCC-F72	DISCONNECT SWITCH DS-F62	TBD			0
C-F63-1	1-3C, 12 AWG, TECK90, 1000V	MCC-F72	DISCONNECT SWITCH DS-F63	TBD			0
C-F64-1	1-3C, 10 AWG, TECK90, 1000V	MCC-F72	DISCONNECT SWITCH DS-F64	TBD			0
C-F60-2	1-3C, 12 AWG, TECK90, 1000V	DISCONNECT SWITCH DS-F60	UNIT HEATER UH-F60	TBD			0
C-F61-2	1-3C, 12 AWG, TECK90, 1000V	DISCONNECT SWITCH DS-F61	UNIT HEATER UH-F61	TBD			0
C-F62-2	1-3C, 12 AWG, TECK90, 1000V	DISCONNECT SWITCH DS-F62	UNIT HEATER UH-F62	TBD			0
C-F63-2	1-3C, 12 AWG, TECK90, 1000V	DISCONNECT SWITCH DS-F63	SUPPLY FAN SF-F63	TBD			0
C-F64-2	1-3C, 10 AWG, TECK90, 1000V	DISCONNECT SWITCH DS-F64	UNIT HEATER UH-F64	TBD			0
C-F74	1-3C, 6 AWG, TECK90, 1000V	MCC-F72	60A WELDING RECEPTACLE RCPT-F74	TBD			0
C-F63	1-2C, 12 AWG, TECK90, 600V	PANEL PNL-F73	MOTORIZED DAMPER RELAY MD-F63.EC	TBD			1
CA-F72	1-2C, 14 AWG, TECK90, 600V	VOLTAGE MONITOR EAF-F72 IN MCC-F72	RTU PANEL RTU-F80	TBD			1
CA-F80-1	1-2C, 14 AWG, TECK90, 600V	RTU PANEL RTU-F80	STARTER MS-F01 IN MCC-F72	TBD			1
CA-F80-2	1-2C, 14 AWG, TECK90, 600V	RTU PANEL RTU-F80	STARTER MS-F02 IN MCC-F72	TBD			1
CA-F80-3	1-2C, 14 AWG, TECK90, 600V	RTU PANEL RTU-F80	STARTER MS-F03 IN MCC-F72	TBD			1
CA-F01-1	1-24C, 14 AWG, TECK90, 600V	STARTER MS-F01 IN MCC-F72	RTU PANEL RTU-F80	TBD			0
CA-F01-2	1-1PR, 18 AWG, ACIC, 600V	STARTER MS-F01 IN MCC-F72	RTU PANEL RTU-F80	TBD			0
CA-F01-3	1-2C, 14 AWG, TECK90, 600V	PUMP DISCONNECT SWITCH DS-F01	RTU PANEL RTU-F80	TBD			0
CA-F02-1	1-24C, 14 AWG, TECK90, 600V	STARTER MS-F02 IN MCC-F72	RTU PANEL RTU-F80	TBD			0
CA-F02-2	1-1PR, 18 AWG, ACIC, 600V	STARTER MS-F02 IN MCC-F72	RTU PANEL RTU-F80	TBD			0
CA-F02-3	1-2C, 14 AWG, TECK90, 600V	PUMP DISCONNECT SWITCH DS-F02	RTU PANEL RTU-F80	TBD			0
CA-F03-1	1-24C, 14 AWG, TECK90, 600V	STARTER MS-F03 IN MCC-F72	RTU PANEL RTU-F80	TBD			0
CA-F03-2	1-1PR, 18 AWG, ACIC, 600V	STARTER MS-F03 IN MCC-F72	RTU PANEL RTU-F80	TBD			0
CA-F03-3	1-2C, 14 AWG, TECK90, 600V	PUMP DISCONNECT SWITCH DS-F03	RTU PANEL RTU-F80	TBD			0
CA-F65	1-2C, 14 AWG, TECK90, 600V	DRYWELL SUPPLY FAN SF-F65	RTU PANEL RTU-F80	TBD			1
CA-L512	1-2C, 14 AWG, TECK90, 600V	PUMP LEVEL FLOOD	RTU PANEL RTU-F80	TBD			1

Section 26 24 17

Revise: 2.3.6 to read: Acceptable Product: ABB OVRN340150SP or Eaton SPD50600Y1A.

Section 26 24 19

Revise: 2.1.3 to read: Indoor CSA 12 gasketed enclosure.

Section 26 27 16

Revise: 2.1.1 to read: NEMA 4 rated painted enclosure for all locations except within electrical rooms and control rooms.

Section 26 28 23

Revise: 2.2.8 to read: Switch shall be based on S and C Model PMH-5 switchgear or approved equal in accordance with B7

DRAWINGS

Replace: 806-2014 _Drawing_ 1-0115F-E0002-001-R0 with 806-2014 _Drawing 1-0115F-E0002-001-R1

806-2014 _Drawing 1-0115F-E0004-001-R0 with 806-2014 _Drawing 1-0115F-E0004-001-R1

806-2014 _Drawing 1-0115F-E0007-001-R0 with 806-2014 _Drawing 1-0115F-E0007-001-R1

806-2014 _Drawing 1-0115F-E0008-001-R0 with 806-2014 _Drawing 1-0115F-E0008-001-R1

806-2014 _Drawing 1-0115F-E0011-001-R0 with 806-2014 _Drawing 1-0115F-E0011-001-R1

806-2014 _Drawing 1-0115F-E0015-001-R0 with 806-2014 _Drawing 1-0115F-E0015-001-R1
806-2014 _Drawing 1-0115F-E0019-001-R0 with 806-2014 _Drawing 1-0115F-E0019-001-R1
806-2014 _Drawing 1-0115F-E0019-002-R0 with 806-2014 _Drawing 1-0115F-E0019-002-R1
806-2014 _Drawing 1-0159F-E0009-002-R0 with 806-2014 _Drawing 1-0159F-E0009-002-R1
806-2014 _Drawing 1-0159F-E0010-001-R0 with 806-2014 _Drawing 1-0159F-E0010-001-R1
806-2014 _Drawing 1-0159F-E0013-001-R0 with 806-2014 _Drawing 1-0159F-E0013-001-R1
806-2014 _Drawing 1-0159F-E0021-001-R0 with 806-2014 _Drawing 1-0159F-E0021-001-R1
806-2014 _Drawing 1-0159F-E0025-001-R0 with 806-2014 _Drawing 1-0159F-E0025-001-R1
806-2014 _Drawing 1-0159F-E0025-002-R0 with 806-2014 _Drawing 1-0159F-E0025-002-R1