

City of Winnipeg
Chlorine Ventilation Upgrades
At Regional Pumping Stations
Tender Opportunity 415-2025

APPENDIX A

I/O Lists

 I/O LIST - PLC-M806		Document Code 694715-0000-48EL-0001
		Revision 00
Client City of Winnipeg		
Project Chlorine Ventilation at Regional Pumping Stations		
Area Maclean - HVAC Control Panel CP-M826		

Notes / Comments

Revisions					
Rev	Description	Date	By	Checked	Approved
0	Issued for Tender and Construction	2025-04-30	B. Wilks	V. Elimban	V. Elimban

PLC	RACK	MODULE	POINT	TAG	DESCRIPTION	TYPE	FAIL SAFE	0 STATE	1 STATE	MODBUS ADDRESS (CONTRACTOR TO PROVIDE DURING CONSTRUCTION)
PLC-M806	0	2	0	SCBR-C670.Flt	SCRUBBER SCBR-C670 FAULT ALARM	DI - 24VDC	F/S	ALARM	NORMAL	TBD
PLC-M806	0	2	1	SCBR-C670.Run	SCRUBBER SCBR-C670 RUNNING	DI - 24VDC		NOT RUNNING	RUNNING	TBD
PLC-M806	0	2	2	SCBR-C670.Rdy	SCRUBBER SCBR-C670 READY	DI - 24VDC		NOT READY	READY	TBD
PLC-M806	0	2	3	SCBR-C670.Auto	SCRUBBER SCBR-C670 AUTO MODE	DI - 24VDC		HAND MODE	AUTO MODE	TBD
PLC-M806	0	2	4	XV.C6701.ZSC	SCRUBBER SCBR-C670 DAMPER XV-C6701 CLOSED	DI - 24VDC		NOT CLOSED	CLOSED	TBD
PLC-M806	0	2	5	XV.C6701.ZSO	SCRUBBER SCBR-C670 DAMPER XV-C6701 OPEN	DI - 24VDC		NOT OPEN	OPEN	TBD
PLC-M806	0	2	6	SF-C630.Run	SUPPLY FAN SF-C630 RUNNING	DI - 24VDC		NOT RUNNING	RUNNING	TBD
PLC-M806	0	2	7	SF-C630.Flt	SUPPLY FAN SF-C630 FAULT	DI - 24VDC		NORMAL	FAULT	TBD
PLC-M806	0	2	8	SF-C630.NotOn	SUPPLY FAN SF-C630 HAND SWITCH OFF	DI - 24VDC		ON	OFF	TBD
PLC-M806	0	2	9	EF-C642.Run	SUPPLY FAN EF-C642 RUNNING	DI - 24VDC		NOT RUNNING	RUNNING	TBD
PLC-M806	0	2	10	EF-C642.Flt	SUPPLY FAN EF-C642 FAULT	DI - 24VDC		NORMAL	FAULT	TBD
PLC-M806	0	2	11	EF-C642.NotOn	SUPPLY FAN EF-C642 HAND SWITCH OFF	DI - 24VDC		ON	OFF	TBD
PLC-M806	0	2	12	EF-C640.Run	EXHAUST FAN EF-C640 RUNNING	DI - 24VDC		NOT RUNNING	RUNNING	TBD
PLC-M806	0	2	13	EF-C640.Auto	EXHAUST FAN EF-C640 AUTO MODE	DI - 24VDC		HAND MODE	AUTO MODE	TBD
PLC-M806	0	2	14	EF-C640.Flt	EXHAUST FAN EF-C641 FAULT ALARM	DI - 24VDC	F/S	ALARM	NORMAL	TBD
PLC-M806	0	2	15	XV-C6401.ZSC	EXHAUST FAN EF-C640 DAMPER XV-C6011 CLOSED	DI - 24VDC		NOT CLOSED	CLOSED	TBD
PLC-M806	0	2	16	YA-C6903-1	DETECTOR AIT-C6903-1 CONTROLLER FAIL	DI - 24VDC	F/S	ALARM	NORMAL	TBD
PLC-M806	0	2	17	AAH-C6903-1	DETECTOR AIT-C6903-1 LEAK ALARM	DI - 24VDC	F/S	ALARM	NORMAL	TBD
PLC-M806	0	2	18	YA-C6903-2	DETECTOR AIT-C6903-2 CONTROLLER FAIL	DI - 24VDC	F/S	ALARM	NORMAL	TBD
PLC-M806	0	2	19	AAH-C6903-2	DETECTOR AIT-C6903-2 LEAK ALARM	DI - 24VDC	F/S	ALARM	NORMAL	TBD
PLC-M806	0	2	20	YA-C6903-3	DETECTOR AIT-C6903-3 CONTROLLER FAIL	DI - 24VDC	F/S	ALARM	NORMAL	TBD
PLC-M806	0	2	21	AAH-C6903-3	DETECTOR AIT-C6903-3 LEAK ALARM	DI - 24VDC	F/S	ALARM	NORMAL	TBD
PLC-M806	0	2	22	HS-C6001_2	HS-C6001 & HS-C6002 TONNER ROOM OCCUPANCY STATUS SWITCH	DI - 24VDC		NOT OCCUPIED	OCCUPIED	TBD
PLC-M806	0	2	23	EF-C641.Run	EXHAUST FAN EF-C641 RUNNING	DI - 24VDC		NOT RUNNING	RUNNING	TBD
PLC-M806	0	2	24	EF-C641.Auto	EXHAUST FAN EF-C641 AUTO MODE	DI - 24VDC		HAND MODE	AUTO MODE	TBD
PLC-M806	0	2	25	EF-C641.Flt	EXHAUST FAN EF-C641 FAULT ALARM	DI - 24VDC		NORMAL	ALARM	TBD
PLC-M806	0	2	26	XV-C6411.ZSC	EXHAUST FAN EF-C641 DAMPER XV-C6411 CLOSED	DI - 24VDC		NOT CLOSED	CLOSED	TBD
PLC-M806	0	2	27	CP-M826.UPS01	POWER SUPPLY ALARM	DI - 24VDC	F/S	ALARM	NORMAL	TBD
PLC-M806	0	2	28	U-C5301.FS	EMERGENCY SHOWER U-C530 FLOW SWITCH	DI - 24VDC	F/S	NO FLOW	FLOW	TBD
PLC-M806	0	2	29	U-C5311.FS	EMERGENCY SHOWER U-C531 FLOW SWITCH	DI - 24VDC	F/S	NO FLOW	FLOW	TBD
PLC-M806	0	2	30	U-C5321.FS	CHLORINATOR EQUIPMENT ROOM EMERG. SHOWER FLOW SWITCH	DI - 24VDC	F/S	ALARM	NORMAL	TBD
PLC-M806	0	2	31	XV-C6111	OUTDOOR AIR EMERGENCY DAMPER	DI - 24VDC		CLOSED	OPEN	TBD
PLC-M806	0	3	0	AHU-C601.Run	MAKE-UP AIR UNIT AHU-C601 RUNNING	DI - 24VDC		NOT RUNNING	RUNNING	TBD
PLC-M806	0	3	1	AHU-C601.Auto	MAKE-UP AIR UNIT AHU-C601 AUTO MODE	DI - 24VDC		HAND MODE	AUTO MODE	TBD
PLC-M806	0	3	2	TSL-C6044	TONNER ROOM WEST VESTIBULE TEMPERATURE LOW	DI - 24VDC	F/S	ALARM	NORMAL	TBD
PLC-M806	0	3	3	TSL-C6045	TONNER ROOM SOUTH VESTIBULE TEMPERATURE LOW	DI - 24VDC	F/S	ALARM	NORMAL	TBD
PLC-M806	0	3	4	XV-C6111.ZSC	TONNER ROOM EMERG. OUTDOOR AIR DAMPER ACTUATOR XV-C6111 CLOSED	DI - 24VDC		NOT CLOSED	CLOSED	TBD
PLC-M806	0	3	5	XV-C6111.ZSO	TONNER ROOM EMERG. OUTDOOR AIR DAMPER ACTUATOR XV-C6111 OPEN	DI - 24VDC		NOT OPEN	OPEN	TBD
PLC-M806	0	3	6	SF-C630.Rdy	EXHAUST FAN SF-C630 READY	DI - 24VDC		NOT READY	READY	TBD
PLC-M806	0	3	7	EF-C640.Rdy	EXHAUST FAN EF-C640 READY	DI - 24VDC		NOT READY	READY	TBD
PLC-M806	0	3	8	EF-C641.Rdy	EXHAUST FAN EF-C641 READY	DI - 24VDC		NOT READY	READY	TBD
PLC-M806	0	3	9	EF-C642.Rdy	EXHAUST FAN EF-C642 READY	DI - 24VDC		NOT READY	READY	TBD
PLC-M806	0	3	10	AHU-C601.Rdy	MAKE-UP AIR UNIT AHU-C601 READY	DI - 24VDC		NOT READY	READY	TBD
PLC-M806	0	3	11	AHU-C601.Flt	MAKE-UP AIR UNIT AHU-C601 FAULT	DI - 24VDC		NORMAL	FAULT	TBD
PLC-M806	0	3	12		SPARE	DI - 24VDC				
PLC-M806	0	3	13		SPARE	DI - 24VDC				
PLC-M806	0	3	14		SPARE	DI - 24VDC				
PLC-M806	0	3	15		SPARE	DI - 24VDC				
PLC-M806	0	3	16		SPARE	DI - 24VDC				
PLC-M806	0	3	17		SPARE	DI - 24VDC				
PLC-M806	0	3	18		SPARE	DI - 24VDC				
PLC-M806	0	3	19		SPARE	DI - 24VDC				
PLC-M806	0	3	20		SPARE	DI - 24VDC				
PLC-M806	0	3	21		SPARE	DI - 24VDC				
PLC-M806	0	3	22		SPARE	DI - 24VDC				
PLC-M806	0	3	23		SPARE	DI - 24VDC				
PLC-M806	0	3	24		SPARE	DI - 24VDC				
PLC-M806	0	3	25		SPARE	DI - 24VDC				
PLC-M806	0	3	26		SPARE	DI - 24VDC				
PLC-M806	0	3	27		SPARE	DI - 24VDC				
PLC-M806	0	3	28		SPARE	DI - 24VDC				
PLC-M806	0	3	29		SPARE	DI - 24VDC				
PLC-M806	0	3	30		SPARE	DI - 24VDC				
PLC-M806	0	3	31		SPARE	DI - 24VDC				
PLC-M806	0	4	0	SCBR-C6701.CmdRun	SCRUBBER SCBR-C670 RUN COMMAND	DO - 24VDC WET		STOP COMMAND	RUN COMMAND	TBD
PLC-M806	0	4	1	AHU-C601.CmdRun	MAKE-UP AIR UNIT AHU-C601 RUN COMMAND	DO - 24VDC WET		STOP COMMAND	RUN COMMAND	TBD
PLC-M806	0	4	2	EF-C640.CmdRun	EXHAUST FAN EF-C640 RUN COMMAND	DO - 24VDC WET		STOP COMMAND	RUN COMMAND	TBD
PLC-M806	0	4	3	EF-C641.CmdRun	EXHAUST FAN EF-C641 RUN COMMAND	DO - 24VDC WET		STOP COMMAND	RUN COMMAND	TBD
PLC-M806	0	4	4	HCE-C620.CmdEnb	CHLORINATOR EQUIPMENT DUCT HEATER ENABLE COMMAND	DO - 24VDC WET		STOP COMMAND	RUN COMMAND	TBD
PLC-M806	0	4	5	XV-X6111.CmdOpn	TONNER ROOM EMERG. OUTDOOR AIR DAMPER ACTUATOR XV-C6111 OPEN COMM	DO - 24VDC WET		CLOSED COMMAND	OPEN COMMAND	TBD
PLC-M806	0	4	6		SPARE	DO - 24VDC WET				
PLC-M806	0	4	7		SPARE	DO - 24VDC WET				
PLC-M806	0	4	8		SPARE	DO - 24VDC WET				
PLC-M806	0	4	9		SPARE	DO - 24VDC WET				
PLC-M806	0	4	10		SPARE	DO - 24VDC WET				
PLC-M806	0	4	11		SPARE	DO - 24VDC WET				
PLC-M806	0	4	12		SPARE	DO - 24VDC WET				
PLC-M806	0	4	13		SPARE	DO - 24VDC WET				
PLC-M806	0	4	14		SPARE	DO - 24VDC WET				
PLC-M806	0	4	15		SPARE	DO - 24VDC WET				
PLC-M806	0	5	0	AIT-C6903-1	CHLORINATOR EQUIPMENT ROOM CHLORINE GAS LEVEL	AI - 0-20mA Isol	NA	NA	NA	TBD
PLC-M806	0	5	1		SPARE	AI - 0-20mA Isol	NA	NA	NA	
PLC-M806	0	5	2	AIT-C6903-3	TONNER STORAGE ROOM CHLORINE GAS LEVEL	AI - 0-20mA Isol	NA	NA	NA	TBD
PLC-M806	0	5	3	TT-C6041	CHLORINATOR EQUIPMENT ROOM TEMPERATURE TRANSMITTER	AI - 0-20mA Isol	NA	NA	NA	TBD
PLC-M806	0	5	4	TT-C6042	TONNER STORAGE ROOM TEMPERATURE TRANSMITTER	AI - 0-20mA Isol	NA	NA	NA	TBD
PLC-M806	0	5	5	PDT-C6012	TONNER STORAGE ROOM PRESSURE TRANSMITTER	AI - 0-20mA Isol	NA	NA	NA	TBD
PLC-M806	0	5	6	TT-C6043	OUTDOOR AIR TEMPERATURE TRANSMITTER	AI - 0-20mA Isol	NA	NA	NA	TBD
PLC-M806	0	5	7		SPARE	AI - 0-20mA Isol				
PLC-M806	0	6	0		SPARE	AI - 0-20mA Isol				
PLC-M806	0	6	1		SPARE	AI - 0-20mA Isol				
PLC-M806	0	6	2		SPARE	AI - 0-20mA Isol				
PLC-M806	0	6	3		SPARE	AI - 0-20mA Isol				
PLC-M806	0	6	4		SPARE	AI - 0-20mA Isol				
PLC-M806	0	6	5		SPARE	AI - 0-20mA Isol				
PLC-M806	0	6	6		SPARE	AI - 0-20mA Isol				
PLC-M806	0	6	7		SPARE	AI - 0-20mA Isol				
PLC-M806	0	7	0	AHU-C601.CmdS	MAKE-UP AIR UNIT AHU-C601 VFD SPEED CTR REF	AO - 0-10V Isol	NA	NA	NA	TBD
PLC-M806	0	7	1		SPARE	AO - 0-20mA Isol				
PLC-M806	0	7	2		SPARE	AO - 0-20mA Isol				
PLC-M806	0	7	3		SPARE	AO - 0-20mA Isol				
PLC-M806	0	7	4		SPARE	AO - 0-20mA Isol				

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Client City of Winnipeg		
Project Chlorine Ventilation at Regional Pumping Stations		
Area McPhillips - HVAC Control Panel CP-C827		

Notes / Comments

Revisions					
Rev	Description	Date	By	Checked	Approved
0	Issued for Tender and Construction	2025-04-30	B. Wilks	V. Elimban	V. Elimban

RIO	RACK	MODULE	POINT	TAG	DESCRIPTION	TYPE	FAIL SAFE	0 STATE	1 STATE	MODBUS ADDRESS (CONTRACTOR TO PROVIDE DURING CONSTRUCTION)
RIO-C806	0	2	0	SCBR-C670.Flt	SCRUBBER SCBR-C670 FAULT ALARM	DI - 24VDC	F/S	ALARM	NORMAL	TBD
RIO-C806	0	2	1	SCBR-C670.Run	SCRUBBER SCBR-C670 RUNNING	DI - 24VDC		NOT RUNNING	RUNNING	TBD
RIO-C806	0	2	2	SCBR-C670.Rdy	SCRUBBER SCBR-C670 READY	DI - 24VDC		NOT READY	READY	TBD
RIO-C806	0	2	3	SCBR-C670.Auto	SCRUBBER SCBR-C670 AUTO MODE	DI - 24VDC		HAND MODE	AUTO MODE	TBD
RIO-C806	0	2	4	XV-C6701.ZSC	SCRUBBER SCBR-C670 DAMPER XV-C6701 CLOSED	DI - 24VDC		NOT CLOSED	CLOSED	TBD
RIO-C806	0	2	5	XV-C6701.ZSO	SCRUBBER SCBR-C670 DAMPER XV-C6701 OPEN	DI - 24VDC		NOT OPEN	OPEN	TBD
RIO-C806	0	2	6	SF-C630.Run	SUPPLY FAN SF-C630 RUNNING	DI - 24VDC		NOT RUNNING	RUNNING	TBD
RIO-C806	0	2	7	SF-C630.Flt	SUPPLY FAN SF-C630 FAULT	DI - 24VDC		NORMAL	FAULT	TBD
RIO-C806	0	2	8	SF-C630.NotOn	SUPPLY FAN SF-C630 HAND SWITCH OFF	DI - 24VDC		ON	OFF	TBD
RIO-C806	0	2	9	EF-C642.Run	SUPPLY FAN SF-C642 RUNNING	DI - 24VDC		NOT RUNNING	RUNNING	TBD
RIO-C806	0	2	10	EF-C642.Flt	SUPPLY FAN SF-C642 FAULT	DI - 24VDC		NORMAL	FAULT	TBD
RIO-C806	0	2	11	EF-C642.NotOn	SUPPLY FAN SF-C642 HAND SWITCH OFF	DI - 24VDC		ON	OFF	TBD
RIO-C806	0	2	12	EF-C640.Run	EXHAUST FAN EF-C640 RUNNING	DI - 24VDC		NOT RUNNING	RUNNING	TBD
RIO-C806	0	2	13	EF-C640.Auto	EXHAUST FAN EF-C640 AUTO MODE	DI - 24VDC		HAND MODE	AUTO MODE	TBD
RIO-C806	0	2	14	EF-C640.Flt	EXHAUST FAN EF-C641 FAULT ALARM	DI - 24VDC	F/S	ALARM	NORMAL	TBD
RIO-C806	0	2	15	XV-C6401.ZSC	EXHAUST FAN EF-C640 DAMPER XV-C6011 CLOSED	DI - 24VDC		NOT CLOSED	CLOSED	TBD
RIO-C806	0	2	16	YA-C6903-1	DETECTOR AIT-C6903-1 CONTROLLER FAIL	DI - 24VDC	F/S	ALARM	NORMAL	TBD
RIO-C806	0	2	17	AAH-C6903-1	DETECTOR AIT-C6903-1 LEAK ALARM	DI - 24VDC	F/S	ALARM	NORMAL	TBD
RIO-C806	0	2	18	YA-C6903-2	DETECTOR AIT-C6903-2 CONTROLLER FAIL	DI - 24VDC	F/S	ALARM	NORMAL	TBD
RIO-C806	0	2	19	AAH-C6903-2	DETECTOR AIT-C6903-2 LEAK ALARM	DI - 24VDC	F/S	ALARM	NORMAL	TBD
RIO-C806	0	2	20	YA-C6903-3	DETECTOR AIT-C6903-3 CONTROLLER FAIL	DI - 24VDC	F/S	ALARM	NORMAL	TBD
RIO-C806	0	2	21	AAH-C6903-3	DETECTOR AIT-C6903-3 LEAK ALARM	DI - 24VDC	F/S	ALARM	NORMAL	TBD
RIO-C806	0	2	22	HS-C6001	HS-C6001 TONNER ROOM OCCUPANCY STATUS SWITCH	DI - 24VDC		NOT OCCUPIED	OCCUPIED	TBD
RIO-C806	0	2	23	EF-C641.Run	EXHAUST FAN EF-C641 RUNNING	DI - 24VDC		NOT RUNNING	RUNNING	TBD
RIO-C806	0	2	24	EF-C641.Auto	EXHAUST FAN EF-C641 AUTO MODE	DI - 24VDC		HAND MODE	AUTO MODE	TBD
RIO-C806	0	2	25	EF-C641.Flt	EXHAUST FAN EF-C641 FAULT ALARM	DI - 24VDC		ALARM	NORMAL	TBD
RIO-C806	0	2	26	XV-C6411.ZSC	EXHAUST FAN EF-C641 DAMPER XV-C6411 CLOSED	DI - 24VDC		NOT CLOSED	CLOSED	TBD
RIO-C806	0	2	27	CP-C827.LPS01	POWER SUPPLY ALARM	DI - 24VDC	F/S	ALARM	NORMAL	TBD
RIO-C806	0	2	28	U-CS301.FS	EMERGENCY SHOWER U-CS30 FLOW SWITCH - TONNER TOOM	DI - 24VDC	F/S	NO FLOW	FLOW	TBD
RIO-C806	0	2	29	U-CS311.FS	EMERGENCY SHOWER U-CS31 FLOW SWITCH - CHLORINATOR EQUIP. RM	DI - 24VDC	F/S	NO FLOW	FLOW	TBD
RIO-C806	0	2	30	AHU-C601.Run	MAKE-UP AIR UNIT AHU-C601 RUNNING	DI - 24VDC		NOT RUNNING	RUNNING	TBD
RIO-C806	0	2	31	AHU-C601.Auto	MAKE-UP AIR UNIT AHU-C601 AUTO MODE	DI - 24VDC		HAND MODE	AUTO MODE	TBD
RIO-C806	0	3	0	AHU-C602.Run	MAKE-UP AIR UNIT AHU-C602 RUNNING	DI - 24VDC		NOT RUNNING	RUNNING	TBD
RIO-C806	0	3	1	AHU-C602.Auto	MAKE-UP AIR UNIT AHU-C602 AUTO MODE	DI - 24VDC		HAND MODE	AUTO MODE	TBD
RIO-C806	0	3	2	TSL-C604	TONNER ROOM VESTIBULE TEMPERATURE LOW	DI - 24VDC	F/S	ALARM	NORMAL	TBD
RIO-C806	0	3	3	TC-C5302	VESTIBULE DRAINAGE PIPE HEAT TRACE ALARM	DI - 24VDC	F/S	ALARM	NORMAL	TBD
RIO-C806	0	3	4	ZSC-C9001	TONNER ROOM VESTIBULE DOOR CONTACT	DI - 24VDC	F/S	ALARM	NORMAL	TBD
RIO-C806	0	3	5	EF-C640.Rdy	EXHAUST FAN EF-C640 READY	DI - 24VDC		NOT READY	READY	TBD
RIO-C806	0	3	6	EF-C641.Rdy	EXHAUST FAN EF-C641 READY	DI - 24VDC		NOT READY	READY	TBD
RIO-C806	0	3	7	SF-C630.Rdy	EXHAUST FAN SF-C630 READY	DI - 24VDC		NOT READY	READY	TBD
RIO-C806	0	3	8	EF-C642.Rdy	EXHAUST FAN EF-C642 READY	DI - 24VDC		NOT READY	READY	TBD
RIO-C806	0	3	9	AHU-C601.Rdy	MAKE-UP AIR UNIT AHU-C601 READY	DI - 24VDC		NOT READY	READY	TBD
RIO-C806	0	3	10	AHU-C601.Flt	MAKE-UP AIR UNIT AHU-C601 FAULT	DI - 24VDC		NORMAL	FAULT	TBD
RIO-C806	0	3	11	AHU-C602.Rdy	MAKE-UP AIR UNIT AHU-C602 READY	DI - 24VDC		NOT READY	READY	TBD
RIO-C806	0	3	12	AHU-C602.Flt	MAKE-UP AIR UNIT AHU-C602 FAULT	DI - 24VDC		NORMAL	FAULT	TBD
RIO-C806	0	3	13		SPARE	DI - 24VDC				
RIO-C806	0	3	14		SPARE	DI - 24VDC				
RIO-C806	0	3	15		SPARE	DI - 24VDC				
RIO-C806	0	3	16		SPARE	DI - 24VDC				
RIO-C806	0	3	17		SPARE	DI - 24VDC				
RIO-C806	0	3	18		SPARE	DI - 24VDC				
RIO-C806	0	3	19		SPARE	DI - 24VDC				
RIO-C806	0	3	20		SPARE	DI - 24VDC				
RIO-C806	0	3	21		SPARE	DI - 24VDC				
RIO-C806	0	3	22		SPARE	DI - 24VDC				
RIO-C806	0	3	23		SPARE	DI - 24VDC				
RIO-C806	0	3	24		SPARE	DI - 24VDC				
RIO-C806	0	3	25		SPARE	DI - 24VDC				
RIO-C806	0	3	26		SPARE	DI - 24VDC				
RIO-C806	0	3	27		SPARE	DI - 24VDC				
RIO-C806	0	3	28		SPARE	DI - 24VDC				
RIO-C806	0	3	29		SPARE	DI - 24VDC				
RIO-C806	0	3	30		SPARE	DI - 24VDC				
RIO-C806	0	3	31		SPARE	DI - 24VDC				
RIO-C806	0	4	0	SCBR-C670.CmdRun	SCRUBBER SCBR-C670 RUN COMMAND	DO - 24VDC WET		STOP COMMAND	RUN COMMAND	TBD
RIO-C806	0	4	1	AHU-C601.CmdRun	MAKE-UP AIR UNIT AHU-C601 RUN COMMAND	DO - 24VDC WET		STOP COMMAND	RUN COMMAND	TBD
RIO-C806	0	4	2	EF-C640.CmdRun	EXHAUST FAN EF-C640 RUN COMMAND	DO - 24VDC WET		STOP COMMAND	RUN COMMAND	TBD
RIO-C806	0	4	3	EF-C641.CmdRun	EXHAUST FAN EF-C641 RUN COMMAND	DO - 24VDC WET		STOP COMMAND	RUN COMMAND	TBD
RIO-C806	0	4	4	HCE-C620.CmdRun	CHLORINATOR EQUIPMENT DUCT HEATER RUN COMMAND	DO - 24VDC WET		STOP COMMAND	RUN COMMAND	TBD
RIO-C806	0	4	5	AHU-C602.CmdRun	MAKE-UP AIR UNIT AHU-C601 RUN COMMAND	DO - 24VDC WET		STOP COMMAND	RUN COMMAND	TBD
RIO-C806	0	4	6		SPARE	DO - 24VDC WET				
RIO-C806	0	4	7		SPARE	DO - 24VDC WET				
RIO-C806	0	4	8		SPARE	DO - 24VDC WET				
RIO-C806	0	4	9		SPARE	DO - 24VDC WET				
RIO-C806	0	4	10		SPARE	DO - 24VDC WET				
RIO-C806	0	4	11		SPARE	DO - 24VDC WET				
RIO-C806	0	4	12		SPARE	DO - 24VDC WET				
RIO-C806	0	4	13		SPARE	DO - 24VDC WET				
RIO-C806	0	4	14		SPARE	DO - 24VDC WET				
RIO-C806	0	4	15		SPARE	DO - 24VDC WET				
RIO-C806	0	5	0	AIT-C6903-1	CHLORINATOR EQUIPMENT ROOM CHLORINE GAS LEVEL	AI - 0-20mA Isol	NA	NA	NA	TBD
RIO-C806	0	5	1	AIT-C6903-3	TONNER STORAGE ROOM CHLORINE GAS LEVEL	AI - 0-20mA Isol	NA	NA	NA	TBD
RIO-C806	0	5	2	TT-C6041	CHLORINATOR EQUIPMENT ROOM TEMPERATURE TRANSMITTER	AI - 0-20mA Isol	NA	NA	NA	TBD
RIO-C806	0	5	3	TT-C6042	TONNER STORAGE ROOM TEMPERATURE TRANSMITTER	AI - 0-20mA Isol	NA	NA	NA	TBD
RIO-C806	0	5	4	POT-C6012	TONNER STORAGE ROOM PRESSURE TRANSMITTER	AI - 0-20mA Isol	NA	NA	NA	TBD
RIO-C806	0	5	5	FV-C6111.ZT	TONNER STORAGE ROOM OUTDOOR AIRFLOW DAMPER	AI - 0-20mA Isol	NA	NA	NA	TBD
RIO-C806	0	5	6		SPARE	AI - 0-20mA Isol				
RIO-C806	0	5	7		SPARE	AI - 0-20mA Isol				
RIO-C806	0	6	0		SPARE	AI - 0-20mA Isol				
RIO-C806	0	6	1		SPARE	AI - 0-20mA Isol				
RIO-C806	0	6	2		SPARE	AI - 0-20mA Isol				
RIO-C806	0	6	3		SPARE	AI - 0-20mA Isol				
RIO-C806	0	6	4		SPARE	AI - 0-20mA Isol				
RIO-C806	0	6	5		SPARE	AI - 0-20mA Isol				
RIO-C806	0	6	6		SPARE	AI - 0-20mA Isol				
RIO-C806	0	6	7		SPARE	AI - 0-20mA Isol				
RIO-C806	0	7	0	AHU-C601.Cmds	MAKE-UP AIR UNIT AHU-C601 VFD SPEED CTR REF	AO - 0-10V Isol	NA	NA	NA	TBD
RIO-C806	0	7	1	AHU-C602.Cmds	MAKE-UP AIR UNIT AHU-C602 VFD SPEED CTR REF	AO - 0-10V Isol	NA	NA	NA	TBD
RIO-C806	0	7	2	FV-C6111.Cmdz	DAMPER FV-C6111 POSITION COMMAND	AO - 0-20mA Isol	NA	NA	NA	TBD
RIO-C806	0	7	3		SPARE	AO - 0-20mA Isol				
RIO-C806	0	7	4		SPARE	AO - 0-20mA Isol				

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		Revision 00
Client City of Winnipeg		
Project Chlorine Ventilation at Regional Pumping Stations		
Area Hurst - HVAC Remote IO Panel CP-C827		

Notes / Comments

Revisions					
Rev	Description	Date	By	Checked	Approved
0	Issued for Tender and Construction	2025-04-30	B. Wilks	V. Elimban	V. Elimban

RIO	RACK	MODULE	POINT	TAG	DESCRIPTION	TYPE	FAIL SAFE	0 STATE	1 STATE	MODBUS ADDRESS (CONTRACTOR TO PROVIDE DURING CONSTRUCTION)
RIO-C806	0	2	0	SCBR-C670.Flt	SCRUBBER SCBR-C670 FAULT ALARM	DI - 24VDC	F/S	ALARM	NORMAL	TBD
RIO-C806	0	2	1	SCBR-C670.Run	SCRUBBER SCBR-C670 RUNNING	DI - 24VDC		NOT RUNNING	RUNNING	TBD
RIO-C806	0	2	2	SCBR-C670.Rdy	SCRUBBER SCBR-C670 READY	DI - 24VDC		NOT READY	READY	TBD
RIO-C806	0	2	3	SCBR-C670.Auto	SCRUBBER SCBR-C670 AUTO MODE	DI - 24VDC		HAND MODE	AUTO MODE	TBD
RIO-C806	0	2	4	XV-C6701.ZSC	SCRUBBER SCBR-C670 DAMPER XV-C6701 CLOSED	DI - 24VDC		NOT CLOSED	CLOSED	TBD
RIO-C806	0	2	5	XV-C6701.ZSO	SCRUBBER SCBR-C670 DAMPER XV-C6701 OPEN	DI - 24VDC		NOT OPEN	OPEN	TBD
RIO-C806	0	2	6	SF-C630.Run	SUPPLY FAN SF-C630 RUNNING	DI - 24VDC		NOT RUNNING	RUNNING	TBD
RIO-C806	0	2	7	SF-C630.Flt	SUPPLY FAN SF-C630 FAULT	DI - 24VDC		NORMAL	FAULT	TBD
RIO-C806	0	2	8	SF-C630.NotOn	SUPPLY FAN SF-C630 HAND SWITCH OFF	DI - 24VDC		ON	OFF	TBD
RIO-C806	0	2	9	EF-C642.Run	SUPPLY FAN SF-C642 RUNNING	DI - 24VDC		NOT RUNNING	RUNNING	TBD
RIO-C806	0	2	10	EF-C642.Flt	SUPPLY FAN SF-C642 FAULT	DI - 24VDC		NORMAL	FAULT	TBD
RIO-C806	0	2	11	EF-C642.NotOn	SUPPLY FAN SF-C642 HAND SWITCH OFF	DI - 24VDC		ON	OFF	TBD
RIO-C806	0	2	12	EF-C640.Run	EXHAUST FAN EF-C640 RUNNING	DI - 24VDC		NOT RUNNING	RUNNING	TBD
RIO-C806	0	2	13	EF-C640.Auto	EXHAUST FAN EF-C640 AUTO MODE	DI - 24VDC		HAND MODE	AUTO MODE	TBD
RIO-C806	0	2	14	EF-C640.Flt	EXHAUST FAN EF-C641 FAULT ALARM	DI - 24VDC	F/S	ALARM	NORMAL	TBD
RIO-C806	0	2	15	XV-C6401.ZSC	EXHAUST FAN EF-C640 DAMPER XV-C64011 CLOSED	DI - 24VDC		NOT CLOSED	CLOSED	TBD
RIO-C806	0	2	16	YA-C6903-1	DETECTOR AIT-C6903-1 CONTROLLER FAIL	DI - 24VDC	F/S	ALARM	NORMAL	TBD
RIO-C806	0	2	17	AAH-C6903-1	DETECTOR AIT-C6903-1 LEAK ALARM	DI - 24VDC	F/S	ALARM	NORMAL	TBD
RIO-C806	0	2	18	YA-C6903-2	DETECTOR AIT-C6903-2 CONTROLLER FAIL	DI - 24VDC	F/S	ALARM	NORMAL	TBD
RIO-C806	0	2	19	AAH-C6903-2	DETECTOR AIT-C6903-2 LEAK ALARM	DI - 24VDC	F/S	ALARM	NORMAL	TBD
RIO-C806	0	2	20	YA-C6903-3	DETECTOR AIT-C6903-3 CONTROLLER FAIL	DI - 24VDC	F/S	ALARM	NORMAL	TBD
RIO-C806	0	2	21	AAH-C6903-3	DETECTOR AIT-C6903-3 LEAK ALARM	DI - 24VDC	F/S	ALARM	NORMAL	TBD
RIO-C806	0	2	22	HS-C6001	TONNER ROOM OCCUPANCY STATUS SWITCH	DI - 24VDC		NOT OCCUPIED	OCCUPIED	TBD
RIO-C806	0	2	23	EF-C641.Run	EXHAUST FAN EF-C641 RUNNING	DI - 24VDC		NOT RUNNING	RUNNING	TBD
RIO-C806	0	2	24	EF-C641.Auto	EXHAUST FAN EF-C641 AUTO MODE	DI - 24VDC		HAND MODE	AUTO MODE	TBD
RIO-C806	0	2	25	EF-C641.Flt	EXHAUST FAN EF-C641 FAULT ALARM	DI - 24VDC	F/S	ALARM	NORMAL	TBD
RIO-C806	0	2	26	XV-C6411.ZSC	EXHAUST FAN EF-C641 DAMPER XV-C6411 CLOSED	DI - 24VDC		NOT CLOSED	CLOSED	TBD
RIO-C806	0	2	27	CP-C827.UPS01	POWER SUPPLY ALARM	DI - 24VDC	F/S	ALARM	NORMAL	TBD
RIO-C806	0	2	28	U-C5301.FS	EMERGENCY SHOWER U-C530 FLOW SWITCH - TONNER TOOM	DI - 24VDC	F/S	NO FLOW	FLOW	TBD
RIO-C806	0	2	29	U-C5311.FS	EMERGENCY SHOWER U-C531 FLOW SWITCH - CHLORINATOR EQUIP. RM	DI - 24VDC	F/S	NO FLOW	FLOW	TBD
RIO-C806	0	2	30	AHU-C601.Run	MAKE-UP AIR UNIT AHU-C601 RUNNING	DI - 24VDC		NOT RUNNING	RUNNING	TBD
RIO-C806	0	2	31	AHU-C601.Auto	MAKE-UP AIR UNIT AHU-C601 AUTO MODE	DI - 24VDC		HAND MODE	AUTO MODE	TBD
RIO-C806	0	3	0	AHU-C602.Run	MAKE-UP AIR UNIT AHU-C602 RUNNING	DI - 24VDC		NOT RUNNING	RUNNING	TBD
RIO-C806	0	3	1	AHU-C602.Auto	MAKE-UP AIR UNIT AHU-C602 AUTO MODE	DI - 24VDC		HAND MODE	AUTO MODE	TBD
RIO-C806	0	3	2	TSL-C6044	VESTIBULE 1 TEMPERATURE LOW	DI - 24VDC		NOT RUNNING	RUNNING	TBD
RIO-C806	0	3	3	TSL-C6045	VESTIBULE 2 TEMPERATURE LOW	DI - 24VDC		HAND MODE	AUTO MODE	TBD
RIO-C806	0	3	4	TC-C5302	VESTIBULE 1 DRAINAGE PIPE HEAT TRACE ALARM	DI - 24VDC	F/S	ALARM	NORMAL	TBD
RIO-C806	0	3	5	TC-C5303	VESTIBULE 2 DRAINAGE PIPE HEAT TRACE ALARM	DI - 24VDC	F/S	ALARM	NORMAL	TBD
RIO-C806	0	3	6	ZSC-M9001	VESTIBULE 1 DOOR CONTACT	DI - 24VDC	F/S	ALARM	NORMAL	TBD
RIO-C806	0	3	7	ZSC-M9002	VESTIBULE 1 DOOR CONTACT	DI - 24VDC	F/S	ALARM	NORMAL	TBD
RIO-C806	0	3	8	EF-C644.Run	SUPPLY FAN SF-C644 RUNNING	DI - 24VDC		NOT RUNNING	RUNNING	TBD
RIO-C806	0	3	9	EF-C644.Flt	SUPPLY FAN SF-C644 FAULT	DI - 24VDC		NORMAL	FAULT	TBD
RIO-C806	0	3	10	EF-C644.NotOn	SUPPLY FAN SF-C644 HAND SWITCH OFF	DI - 24VDC		ON	OFF	TBD
RIO-C806	0	3	11	CP-C827.UPS01	REMOTE I/O POWER SUPPLY ALARM	DI - 24VDC		ALARM	NORMAL	TBD
RIO-C806	0	3	12	EF-C640.Rdy	EXHAUST FAN EF-C640 READY	DI - 24VDC		NOT READY	READY	TBD
RIO-C806	0	3	13	EF-C641.Rdy	EXHAUST FAN EF-C641 READY	DI - 24VDC		NOT READY	READY	TBD
RIO-C806	0	3	14	SF-C630.Rdy	EXHAUST FAN SF-C630 READY	DI - 24VDC		NOT READY	READY	TBD
RIO-C806	0	3	15	EF-C642.Rdy	EXHAUST FAN EF-C642 READY	DI - 24VDC		NOT READY	READY	TBD
RIO-C806	0	3	16	EF-C644.Rdy	EXHAUST FAN EF-C644 READY	DI - 24VDC		NOT READY	READY	TBD
RIO-C806	0	3	17	AHU-C601.Rdy	MAKE-UP AIR UNIT AHU-C601 READY	DI - 24VDC		NOT READY	READY	TBD
RIO-C806	0	3	18	AHU-C601.Flt	MAKE-UP AIR UNIT AHU-C601 FAULT	DI - 24VDC		NORMAL	FAULT	TBD
RIO-C806	0	3	19	AHU-C602.Rdy	MAKE-UP AIR UNIT AHU-C602 READY	DI - 24VDC		NOT READY	READY	TBD
RIO-C806	0	3	20	AHU-C602.Flt	MAKE-UP AIR UNIT AHU-C602 FAULT	DI - 24VDC		NORMAL	FAULT	TBD
RIO-C806	0	3	21		SPARE	DI - 24VDC				
RIO-C806	0	3	22		SPARE	DI - 24VDC				
RIO-C806	0	3	23		SPARE	DI - 24VDC				
RIO-C806	0	3	24		SPARE	DI - 24VDC				
RIO-C806	0	3	25		SPARE	DI - 24VDC				
RIO-C806	0	3	26		SPARE	DI - 24VDC				
RIO-C806	0	3	27		SPARE	DI - 24VDC				
RIO-C806	0	3	28		SPARE	DI - 24VDC				
RIO-C806	0	3	29		SPARE	DI - 24VDC				
RIO-C806	0	3	30		SPARE	DI - 24VDC				
RIO-C806	0	3	31		SPARE	DI - 24VDC				
RIO-C806	0	4	0	SCBR-C670.CmdRun	SCRUBBER SCBR-C670 RUN COMMAND	DO - 24VDC WET		STOP COMMAND	RUN COMMAND	TBD
RIO-C806	0	4	1	AHU-C601.CmdRun	MAKE-UP AIR UNIT AHU-C601 RUN COMMAND	DO - 24VDC WET		STOP COMMAND	RUN COMMAND	TBD
RIO-C806	0	4	2	EF-C640.CmdRun	EXHAUST FAN EF-C640 RUN COMMAND	DO - 24VDC WET		STOP COMMAND	RUN COMMAND	TBD
RIO-C806	0	4	3	EF-C641.CmdRun	EXHAUST FAN EF-C641 RUN COMMAND	DO - 24VDC WET		STOP COMMAND	RUN COMMAND	TBD
RIO-C806	0	4	4	HCE-C620.CmdRun	CHLORINATOR EQUIPMENT DUCT HEATER RUN COMMAND	DO - 24VDC WET		STOP COMMAND	RUN COMMAND	TBD
RIO-C806	0	4	5	AHU-C602.CmdRun	MAKE-UP AIR UNIT AHU-C602 RUN COMMAND	DO - 24VDC WET		STOP COMMAND	RUN COMMAND	TBD
RIO-C806	0	4	6		SPARE	DO - 24VDC WET				
RIO-C806	0	4	7		SPARE	DO - 24VDC WET				
RIO-C806	0	4	8		SPARE	DO - 24VDC WET				
RIO-C806	0	4	9		SPARE	DO - 24VDC WET				
RIO-C806	0	4	10		SPARE	DO - 24VDC WET				
RIO-C806	0	4	11		SPARE	DO - 24VDC WET				
RIO-C806	0	4	12		SPARE	DO - 24VDC WET				
RIO-C806	0	4	13		SPARE	DO - 24VDC WET				
RIO-C806	0	4	14		SPARE	DO - 24VDC WET				
RIO-C806	0	4	15		SPARE	DO - 24VDC WET				
RIO-C806	0	5	0	AIT-C6903-1	CHLORINATOR EQUIPMENT ROOM CHLORINE GAS LEVEL	AI - 0-20mA Isol	NA	NA	NA	TBD
RIO-C806	0	5	1	AIT-C6903-3	TONNER STORAGE ROOM CHLORINE GAS LEVEL	AI - 0-20mA Isol	NA	NA	NA	TBD
RIO-C806	0	5	2	TT-C6041	CHLORINATOR EQUIPMENT ROOM TEMPERATURE TRANSMITTER	AI - 0-20mA Isol	NA	NA	NA	TBD
RIO-C806	0	5	3	TT-C6042	TONNER STORAGE ROOM TEMPERATURE TRANSMITTER	AI - 0-20mA Isol	NA	NA	NA	TBD
RIO-C806	0	5	4	PDT-C6012	TONNER STORAGE ROOM PRESSURE TRANSMITTER	AI - 0-20mA Isol	NA	NA	NA	TBD
RIO-C806	0	5	5	TT-C6043	OUTDOOR AIR TEMPERATURE TRANSMITTER	AI - 0-20mA Isol	NA	NA	NA	TBD
RIO-C806	0	5	6		SPARE	AI - 0-20mA Isol	NA	NA	NA	
RIO-C806	0	5	7		SPARE	AI - 0-20mA Isol	NA	NA	NA	
RIO-C806	0	6	0		SPARE	AI - 0-20mA Isol	NA	NA	NA	
RIO-C806	0	6	1		SPARE	AI - 0-20mA Isol	NA	NA	NA	
RIO-C806	0	6	2		SPARE	AI - 0-20mA Isol	NA	NA	NA	
RIO-C806	0	6	3		SPARE	AI - 0-20mA Isol	NA	NA	NA	
RIO-C806	0	6	4		SPARE	AI - 0-20mA Isol	NA	NA	NA	
RIO-C806	0	6	5		SPARE	AI - 0-20mA Isol	NA	NA	NA	
RIO-C806	0	6	6		SPARE	AI - 0-20mA Isol	NA	NA	NA	
RIO-C806	0	6	7		SPARE	AI - 0-20mA Isol	NA	NA	NA	
RIO-C806	0	7	0	AHU-C601.Cmds	MAKE-UP AIR UNIT AHU-C601 VFD SPEED CTR REF	AO - 0-10V Isol	NA	NA	NA	TBD
RIO-C806	0	7	1	AHU-C602.Cmds	MAKE-UP AIR UNIT AHU-C602 VFD SPEED CTR REF	AO - 0-10V Isol	NA	NA	NA	TBD
RIO-C806	0	7	2		SPARE	AO - 0-20mA Isol	NA	NA	NA	
RIO-C806	0	7	3		SPARE	AO - 0-20mA Isol	NA	NA	NA	
RIO-C806	0	7	4		SPARE	AO - 0-20mA Isol	NA	NA	NA	

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				Revision 00	
Client					
City of Winnipeg					
Project					
Chlorine Ventilation Upgrades at Regional Pumping Stations					
Area					
Hurst - Existing Control Panel CP-M826					

Notes / Comments

Revisions					
Rev	Description	Date	By	Checked	Approved
0	Issued for Tender and Construction	2025-04-30	B. Wilks	V. Elimban	V. Elimban

EXISTING PLC	RACK	MODULE	POINT	TAG	DESCRIPTION	TYPE	FAIL SAFE	0 STATE	1 STATE	MODBUS ADDRESS (CONTRACTOR TO PROVIDE DURING CONSTRUCTION)
PLC-M806	0	4	21	FACP-M922.Trouble	FIRE ALARM TROUBLE	DI - 24VDC	F/S	ALARM	NORMAL	TBD
PLC-M806	0	4	22	FACP-M922.Alarm	FIRE ALARM	DI - 24VDC	F/S	ALARM	NORMAL	TBD