

 SNC-LAVALIN	INSTRUMENT LIST		Document Code	113368-0000-48EL-0003
			Revision	00
Client City of Winnipeg				
Project Marion Wastewater Pumping Station				
Package / Area				
Prepared By	Name	Signature	Date	
	B. Cleven		2010-10-21	
Checked By	Name	Signature	Date	
	C. Reimer		2010-10-21	
Approved By	Name	Signature	Date	
	C. Reimer		2010-10-21	
Notes / Comments			Seal	
			Original Sealed By: C. J. Reimer 2010-10-21 Rev. 00	

Revisions					
Rev	Description	Date	By	Checked	Approved
00	Issued for Tender	2010-10-21	B. Cleven	C. Reimer	C. Reimer



INSTRUMENT LIST

Rev	Tag	Description	Plan Drawing	P&ID Drawing	Schem / Loop Drawing	Installation Detail	Mounting	Supplied By	Notes
00	L100-LT-A	Wet Well Level	1-0159L-E0007	1-0159L-P0001	1-0159L-A0020		Pipe	Existing	
00	L100-LT-B	Wet Well Level	1-0159L-A0014	1-0159L-P0001	1-0159L-A0021	1-0159L-A0014	Suspended	Contractor - I&C	Submersible, Hydrostatic Pressure
00	L101-HS-1	Emergency Stop PB	1-0159L-E0006	1-0159L-P0001	1-0159L-E0010		Wall	Contractor - I&C	
00	L101-HS-2	Emergency Stop PB	1-0159L-E0007	1-0159L-P0001	1-0159L-E0010		Wall	Contractor - I&C	
00	L102-HS-1	Emergency Stop PB	1-0159L-E0006	1-0159L-P0001	1-0159L-E0012		Wall	Contractor - I&C	
00	L102-HS-2	Emergency Stop PB	1-0159L-E0007	1-0159L-P0001	1-0159L-E0012		Wall	Contractor - I&C	
00	L105-LSH	Station Flood Switch	1-0159L-E0007	1-0159L-P0001	1-0159L-A0022		Wall	Existing	Suspended tilt, Form C contact
00	L110-FE	Magnetic Flow Tube	1-0159L-E0006	1-0159L-P0001	1-0159L-A0023		Pipe	Contractor - Mechanical	
00	L110-FIT	Flow Transmitter	1-0159L-E0006	1-0159L-P0001	1-0159L-A0023		Wall	Contractor - Mechanical	
00	L501-ESL	600V Power Meter	1-0159L-E0004		1-0159L-A0026		Panel	Contractor - Electrical	Integral to PNL-L1
00	L502-ESL	120V Fail Detection	1-0159L-E0004		1-0159L-A0027		Panel	Contractor - I&C	Integral to PDP-L1
00	L503-OA	Transient Voltage Surge Suppressor	1-0159L-E0004		1-0159L-A0028		Panel	Contractor - Electrical	Integral to PNL-L1
00	L601-FV-1	Intake Air Damper with Actuator	1-0159L-M0003	1-0159L-P0002	1-0159L-A0031		Damper	Contractor - HVAC	Modulating, 24 VAC power supply, 0 - 10 VDC control, 0 - 10 VDC feedback
00	L601-FV-2	Return Air Damper with Actuator	1-0159L-M0003	1-0159L-P0002	1-0159L-A0031		Damper	Contractor - HVAC	Modulating, 24 VAC power supply, 0 - 10 VDC control, 0 - 10 VDC feedback
00	L601-FV-3	Exhaust Air Damper with Actuator	1-0159L-M0003	1-0159L-P0002	1-0159L-A0031		Damper	Contractor - HVAC	Modulating, 24 VAC power supply, 0 - 10 VDC control, 0 - 10 VDC feedback
00	L602-TT	Duct Temperature Sensor		1-0159L-P0002	1-0159L-A0032		Duct	Contractor - I&C	PT100 RTD, loop powered
00	L603-FSL	Air Flow Switch		1-0159L-P0002	1-0159L-A0033		Wall	Contractor - HVAC	Differential pressure, N.O. dry contact
00	L604-TT	Main Floor Temperature	1-0159L-E0004	1-0159L-P0002	1-0159L-A0034		Wall	Contractor - I&C	PT100 RTD, loop powered
00	L605-YV	Exhaust Air Damper with Actuator	1-0159L-M0003	1-0159L-P0002	1-0159L-E0014		Damper	Contractor - HVAC	On/off, spring return, 120 VAC

Notes:

- The specific division (Mechanical, HVAC, Electrical, I&C) indicated in the "Supplied By" column is a suggestion only. The Contractor may divide the supply of the instruments between subtrades as required.