

	<b>Instrument List</b>		Document Code	508955-0000-48EL-0002
			Revision	00
Client City of Winnipeg				
Project MacLean Pumping Station Electrical Upgrades				
Package / Area				
Prepared By	Name	Signature	Date	
	B. Cleven		2012-07-25	
Checked By	Name	Signature	Date	
	C. Reimer		2012-07-25	
Approved By	Name	Signature	Date	
	C. Reimer		2012-07-25	
Notes / Comments				

Revisions					
Rev	Description	Date	By	Checked	Approved
00	Issued for Tender	2012-07-25	B. Cleven	C. Reimer	C. Reimer

Rev	Tag	Description	Plan Drawing	Schem / Loop Drawing	Mounting	New / Existing	Supplied By	Notes
PA	FS-M601	HCE-M601 Electric Heating Coil Air Proving Switch	1-0630M-E0031-001	1-0630M-E0064	Duct	New		Dry-contact, 120VAC, 5A
PA	FS-M603	HCE-M603 Electric Heating Coil Air Proving Switch	1-0630M-E0031-001	1-0630M-E0065	Duct	New		Dry-contact, 120VAC, 5A
PA	FSL-M605	AHU-M605 Air Flow Switch	-	1-0630M-E0049	Duct	Existing		Differential Pressure, N.O. dry contact
PA	FS-M609	HCE-M609 Electric Pre-Heater Air Proving Switch	1-0630M-E0032	1-0630M-E0063	Duct	New		Dry-contact, 120VAC, 5A
PA	HS-M903	AC-M903 Emergency Stop Station	1-0630M-E0031-002	1-0630M-E0062	Wall	New		
PA	KV-M901	AC-M901 Air Compressor Condensate Drain Solenoid Valve	1-0630M-E0031-002	1-0630M-E0060	Pipe	New		120VAC, normally closed
PA	KV-M902	AC-M902 Air Compressor Condensate Drain Solenoid Valve	1-0630M-E0031-002	1-0630M-E0061	Pipe	New		120VAC, normally closed
PA	LE-M940	Sump Pit Ultrasonic Level Transducer	1-0630M-E0030	1-0630M-E0058, 1-0630M-E0059	Bracket	New		
PA	LIT-M940	Sump Pit Ultrasonic Level Transmitter	1-0630M-E0030	1-0630M-E0058, 1-0630M-E0059	Wall	New		
PA	PS-M901-1	Air Compressors Lag Start Switch	1-0630M-E0031-002	1-0630M-E0060	Tank	New		
PA	PS-M901-2	Air Compressors Lead Start Switch	1-0630M-E0031-002	1-0630M-E0060	Tank	New		
PA	PS-M901-3	AC-M901 Air Compressor Stop Switch	1-0630M-E0031-002	1-0630M-E0060	Tank	New		
PA	PS-M902-3	AC-M902 Air Compressor Stop Switch	1-0630M-E0031-002	1-0630M-E0061	Tank	New		
PA	PS-M903	AC-M903 Air Compressor Start/Stop Switch	1-0630M-E0031-002	1-0630M-E0062	Tank	Existing		
PA	TSH-M601	HCE-M601 Electric Heating Coil High Temp Cutout	1-0630M-E0031-001	-	Duct	Existing		
PA	TSH-M603	HCE-M603 Electric Heating Coil High Temp Cutout	1-0630M-E0031-002	-	Duct	Existing		
PA	TSH-M609	HCE-M609 Electric Heating Coil High Temp Cutout	-	1-0630M-E0063	Duct	Existing		
PA	TSH-M911	XFMR-M1 High Temperature Switch	-	D-2491	Bracket	New		Dry-contact, 120VAC, 5A, N.O. / N.C.
PA	TSH-M912	XFMR-M2 High Temperature Switch	-	D-2492	Bracket	New		Dry-contact, 120VAC, 5A, N.O. / N.C.
PA	TSL-M601	AHU-M601 Freeze Stat	1-0630M-E0031-001	1-0630M-E0045	Duct	Existing		Dry-contact, 120VAC, 5A, 2 N.O. / 2 N.C.
PA	TSL-M602	AHU-M602 Freeze Stat	1-0630M-E0031-001	1-0630M-E0046	Duct	Existing		Dry-contact, 120VAC, 5A, 2 N.O. / 2 N.C.
PA	TSL-M603	AHU-M603 Freeze Stat	1-0630M-E0031-002	1-0630M-E0047	Duct	Existing		Dry-contact, 120VAC, 5A, 2 N.O. / 2 N.C.
PA	TSL-M604	AHU-M604 Freeze Stat	1-0630M-E0031-002	1-0630M-E0048	Duct	Existing		Dry-contact, 120VAC, 5A, 2 N.O. / 2 N.C.
PA	TT-M601	AHU-M601 Discharge Air Temperature Transmitter	1-0630M-E0031-001	1-0630M-A0035	Duct	New		PT100 RTD, loop powered
PA	TT-M603	AHU-M603 Discharge Air Temperature Transmitter	1-0630M-E0031-002	1-0630M-A0036	Duct	New		PT100 RTD, loop powered
PA	TT-M608	Pump Room Temperature Transmitter	1-0630M-E0030	1-0630M-A0034	Wall	New		PT100 RTD, loop powered