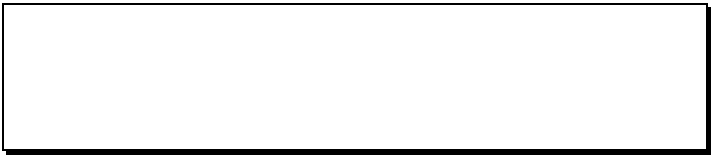




Shop Order-00-10-15: Unclassified

City of Miramichi
 141 Henry Street
 Miramichi, NB E1V 2N5



Exp. Date: 08/16/2013
Quote No: GMINB-0008 **Job/Order No:** 17408
BODY: 00-10-15 Metalfab Pumper - ULC 11/09

02/17/2017

Page 1

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
	S		Change Order D	1	MTL
			METALFAB QUOTEWRITER VERSION MAY 2013	1	MTL
00-10-1500			Metalfab Pumper	1	MTL
00-20-1000			Company Profile	1	MTL
00-20-1500			Standard Body Warranty	1	MTL
00-20-1550			Metalfab Limited Ten (10) Year Paint and Corrosion Warranty	1	MTL
00-20-1600	S		Waterous Pump Warranty - 5 years	1	MTL
00-20-1800			Ultra Tank Lifetime Warranty	1	MTL
00-20-2000			Plant Visits - unlimited at customer expense	1	MTL
00-20-3000			No Bonding Required	1	MTL
00-20-3500			Certification for Fusion Welding of Aluminum	1	MTL
00-20-4000			Quality System registered to ISO 9001:2008	1	MTL
00-20-4500			Fire Apparatus Manufacturers' Association Membership	1	MTL
			GENERAL INFORMATION	1	MTL
10-11-0000			Intent	1	MTL
10-11-0100			Vehicle Data Recorder (chassis prewired)	1	MTL
10-11-1101			ULC S515-04 and NFPA 1901-2009 Compliance	1	MTL
10-11-1500	S	>	ULC Testing - Pumper	1	MTL
10-11-2100	S		Maximum length 27'-6" (330")	1	MTL
10-11-2200	S		Maximum height 127"	1	MTL
10-11-2300			Overall length is less than 30'	1	MTL
10-11-2500			General Construction	1	MTL
10-11-3000			Manuals - two copies	1	MTL
10-11-3600	S	>	Delivery - FOB Fire Department - 1 day training	1	MTL
10-11-4000	S		Payment Terms - Chassis Net 10 days, Balance COD	1	MTL
10-20-1400	S	>	Hose capacity exceeding ULC/NFPA requirements	1	MTL
10-20-2000			Equipment carrying capacity - standard ULC Pumper	1	MTL
			CHASSIS INFORMATION	1	MTL
20-11-1000	S		Chassis supplied by Metalfab - Freightliner M2 106 2014	1	MTL
20-11-1500			2013 Emission chassis modifications	1	MTL
20-11-1600			Chassis Motor Vehicle Inspection not required	1	MTL
20-21-0500			Fluid capacity plate	1	MTL
20-21-0600			Pumping test plate	1	MTL
20-21-1010			Maximum riders sign - 3 persons	1	MTL
20-21-1500			Seat belt warning labels - 2 door chassis	1	MTL
20-21-1540			Tire Pressure Indicators - Tandem Axle	1	MTL
20-21-1600			Apparatus Information Label	1	MTL
20-21-2000			Non removable key	1	MTL
20-21-2500			Shifter lock not required	1	MTL
20-21-3500			Rear step warning label	1	MTL
20-21-3800			Front mudflaps	1	MTL
20-21-4000			Rear mudflaps - Metalfab Logo	1	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
20-21-4500			Transportation Safety Kit	1	MTL
20-31-0200			Fuel fill label -Ultra Low Sulfur Diesel only	1	MTL
20-31-0500			Alum tread fuel tank trim, Conv - 2 door	1	MTL
20-31-1900			Chassis cab not painted	1	MTL
20-41-0600			Intake air shutoff for engine not required	1	MTL
20-41-0900	S		Auxiliary braking system disabled when pumping	1	MTL
20-41-1100			Transmission programming - Allison WT	1	MTL
20-41-1500	S		Extend exhaust pipe - RS front of rear wheels	1	MTL
20-41-1900			Battery boost terminals with chassis	1	MTL
20-41-2000			Chassis batteries remain in OEM location	1	MTL
20-41-2510			Fuel fill at step fuel tank under cab	1	MTL
20-41-2600			Chassis fuel tank remains in OEM location	1	MTL
20-41-5100	S		Rear Tow Hook - pintle hook	1	MTL
20-51-0500			Master disconnect switch - manual	1	MTL
20-51-2600	S		Back up alarm	1	MTL
20-51-3400			Protection valve installed for air operated accessories	1	MTL
20-51-4000	S		Auto eject for air inlet - LS	1	MTL
20-51-6500			Kussmaul Autocharge 1000 battery conditioner w/battery saver	1	MTL
20-51-6700	S		Kussmaul Auto Pump 120 V compressor	1	MTL
20-51-7100			Electric System Manager	1	MTL
20-51-7500			Super Auto eject for 120 v - 20 A with sealed enclosure	1	MTL
20-51-8500			Engine compartment lights (pair)	1	MTL
20-51-9001	S		Air horns with chassis with foot switches at drivers and officer'a positions	1	MTL
20-52-3500		>	Chassis steering wheel lined up by Metalfab	1	MTL
20-52-4000	S		Rear View Camera system	1	MTL
20-60-0400			Chassis wheelbase does not change	1	MTL
			PUMP AND PLUMBING	1	MTL
30-11-3002	S		Waterous CXSPA 1250 PTO driven pump - 1050 IGPM	1	MTL
30-15-0304			Plumbing - non manifold pump SM SS	1	MTL
30-20-0501			Valves and controls - compartment mounted panel	1	MTL
30-20-1001			Valve brand not specified	1	MTL
30-20-1620	S		Piping stainless steel - CX pumps	1	MTL
30-20-1700	S		1-1/2" thread specifications NPSH	1	MTL
30-20-1800	S		2-1/2" thread specifications BAT	1	MTL
30-20-2000			Piping hydrostatic test	1	MTL
30-20-2510			Anodes in suction and discharge piping -AP/MG/DSD	1	MTL
30-21-5520			Tank to Pump SS 3" w/ check valve non manifold pump	1	MTL
30-22-0520			Tank Fill valve 2" SS	1	MTL
30-31-4020	S		Suction - 6" STORZ each SS non manifold pump 6" header, not gated LS	1	MTL
30-31-7210	S	>	Waterous master intake suction valve - electric control - Right Side	1	MTL
30-32-7550			Suction - 2-1/2" left side SS, bleeder, non manifold pump	1	MTL
30-40-2006			4" right discharge, plumbed 3", non manifold pump	1	MTL
30-41-2040			2-1/2" RS discharge SS, bleeder, non manifold pump	1	MTL
30-41-2540			2-1/2" LS discharge SS, bleeder, non manifold pump	2	MTL
30-43-1520			2-1/2" rear discharge SS, plumbed 2-1/2", bleeder	2	MTL
30-44-0720	S		1-1/2" speedlay (each) front of pumphouse SS, plumbed 2"	2	MTL
30-44-6520	S		Piping for monitor SS, plumbed 3", bleeder	1	MTL
30-51-0500			Pump shift-Midship air	1	MTL
30-51-0700			Pump Gearbox mounted manual over ride for pump shift	1	MTL
30-51-1500			Power shift PTO - Automatic transmission	2	MTL
30-51-1501			PTO driveshaft	2	MTL
30-51-6630	S		Class One "TPG" Governor/Throttle - customer supplied	1	MTL
30-51-7000			Suction side relief V/V, manifold pump	2	MTL
30-51-7500	S		Primer electric vane type 12V with oil tank Waterous	1	MTL
30-51-8000			Heat exchanger	1	MTL
30-51-9000	S		Thermal Relief Valve	1	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
30-52-1000			Master drain V/V, 12 port	1	MTL
30-52-2000			<i>Drain valve for foam system header</i>	1	MTL
30-52-4310	S		<i>Foam System - Hypro FoamPro 2002 Dual Tank</i>	1	MTL
30-52-6500			<i>FoamPro dual tank selector valve (manual)</i>	1	MTL
30-52-9100			<i>Foam concentrate label at foam tank fill</i>	1	MTL
30-52-9100			<i>Foam concentrate label at foam tank fill</i>	1	MTL
30-52-9200			<i>Foam System Instruction Plates</i>	1	MTL
30-52-9400			<i>NFPA Foam System certification test</i>	1	MTL
			WATER AND FOAM TANKS	1	MTL
40-11-2100			Ultra-Tank water tank (Imperial gallons)	1	MTL
40-11-2200			Water tank capacity certification (tank manufacturer)	1	MTL
40-11-7000	U		<i>Price Adjustment</i>	1	
40-11-7000	S		<i>Tank capacity 2000 Imperial Gallons</i>	1	MTL
40-12-4500			<i>Foam cell - 20 Imperial gallon</i>	1	MTL
40-12-4500			<i>Foam cell - 20 Imperial gallon</i>	1	MTL
40-21-1000			<i>4" tank to pump connection</i>	1	MTL
40-22-0500			<i>2" tank fill connection</i>	1	MTL
40-23-0500			1" water level gauge connection	1	MTL
40-23-1000	S		<i>1" foam level gauge connection</i>	2	MTL
40-23-1040			<i>4" direct fill connection</i>	1	MTL
40-23-1060			<i>10" Newton dump connection</i>	1	MTL
40-30-0500	S		<i>Sump drain valve (3" gate valve) with linkage</i>	1	MTL
			E		
40-30-1100			<i>Water Fill Box middle left side</i>	1	MTL
40-31-4500			<i>10" rear Newton dump, painted steel</i>	1	MTL
40-31-4700			<i>Newton dump, top mount manual operation</i>	1	MTL
40-31-5000			<i>Newton dump - 36" telechute painted steel</i>	1	MTL
40-31-5600	>		<i>Rotating dump chute for Newton dump painted steel</i>	1	MTL
40-31-5800			<i>Support for rotating dump chute if necessary</i>	1	MTL
40-31-8000			<i>4" Storz rear gtd fill</i>	1	MTL
			ELECTRICAL	1	MTL
50-11-0500			Base electrical system	1	MTL
50-11-0600			<i>Warning Light Certification</i>	1	MTL
50-11-0700			<i>Low Voltage Electrical system test</i>	1	MTL
50-11-0800			<i>Low Voltage Electrical System Documents</i>	1	MTL
50-11-0900			<i>Rocker switch panel with master warning switch</i>	1	MTL
50-11-1450			<i>Federal PA300 200 watt siren</i>	1	MTL
50-11-1630			<i>Siren speaker,200 watt, in front bumper</i>	1	MTL
50-11-2010	S		<i>Federal Q2B mechanical siren - through front bumper</i>	1	MTL
50-11-2500			Siren to be accessible to driver only	1	MTL
50-11-6100	S		<i>Whelan FN60QLED LED light bar NFPA</i>	1	MTL
50-11-7600	S		<i>Rear LED Signal Master warning lights - FLUSH MOUNT</i>	1	MTL
50-11-8600	S		<i>Rear LED beacons-Whelan MCFLED2R (pr) both red</i>	1	MTL
50-12-8520	S		<i>Front LED flashers (pr)-Whelan red LED 600 with integral flasher</i>	1	MTL
50-12-8610	S		<i>Rear LED flashers (pr)-Whelan red LED 600 with integral flasher</i>	1	MTL
50-12-8710	S		<i>Front side inter lts (pr) - Whelan red LED 600 with integral flasher</i>	1	MTL
50-12-8810	S		<i>Body side inter lts (pr)-Whelan red LED 600 with integral flasher</i>	1	MTL
50-21-15AA	U		<i>LED rear floods (pr) - WhelenPFBP12C</i>	1	
50-21-5100	>		Compartment lighting - LED tube lights in each compartment (rollup doors)	1	MTL
50-21-5500	S		<i>Door Ajar warning light</i>	1	MTL
50-21-5550	S		<i>Equipment rack not stowed warning light</i>	1	MTL
50-21-5550	S		<i>Equipment rack not stowed warning light</i>	1	MTL
50-21-8001	S		<i>Step lights for body steps - 4" LED</i>	1	MTL
50-21-8201	S		<i>Step lights for chassis steps - LED marker type</i>	1	MTL
50-21-8600			LED clearance lts and reflectors	1	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
50-22-0700			Whelan 64 LED tail/brake-turn-backup module (pr)	1	MTL
50-31-4000	S		8000 watt hydraulic generator - brand not specified	1	MTL
			E		
50-31-6006		>	Scene lights (pr) - Federal QL97 LED	3	MTL
50-31-6010			Scene light boxes (pr) - tread plate	2	MTL
50-31-60AA	U		Interlock rear scene lights with transmission reverse	1	
50-31-6550	S		Ground lighting (LED Lumabar) - 2 door chassis	1	MTL
50-31-6570	S		Ground lighting (LED Lumabar) - side mount body	1	MTL
50-99-0500	U		FRC Focus 750 watt 120 volt telescoping flood push up	2	
51-31-3020	S	>	120 volt wiring for hydraulic generator	1	MTL
51-31-4000	S	>	Electric cord reel with 200' x 12/3 cable, lighted box	1	MTL
51-31-4500			Dielectric strength test for line voltage system	1	MTL
			BODY	1	MTL
60-10-1600			Tandem axle extruded aluminum body	1	MTL
60-10-4100			No "beavertail" rear step supports	1	MTL
60-10-4600			Painted fender surround	1	MTL
60-10-4700			Integral aluminum fender trim	1	MTL
60-10-5400		>	Diamondback pumphouse steps	1	MTL
60-10-5430		>	Diamondback 19" rear step	1	MTL
60-10-6000			Extruded rub rail	1	MTL
60-11-0300		>	Front left side compartments full height	1	MTL
60-11-0700		>	Front right side compartments full height	1	MTL
60-11-1700			No rear left side compartments	1	MTL
60-11-1800			No rear right side compartments	1	MTL
60-11-2000		>	High side compartment (over 18") each	4	MTL
60-11-3100			No rear compartment	1	MTL
60-11-5500	S		Rollup door - standard height - ROM brand	4	MTL
60-11-5520	S		Rollup door - full height - ROM brand	2	MTL
60-31-4100			Extruded aluminum handrails	1	MTL
60-31-5510	S	>	Steps at rear of body (fixed diamond grip)	1	MTL
60-31-5800	S		Special full width step over rear dump	1	MTL
60-31-6500			Compartment matting-Turtle tile	1	MTL
60-31-8000			BA bottle compt (ea)-fender well	4	MTL
60-32-3550			Two adjustable hose divider (each)	1	MTL
60-32-7500	S		Hose bed - aluminum	1	MTL
60-33-0000			Paint exterior - Imron Elite	1	MTL
60-33-0200			Undercoat vehicle with KROWN rust protection	1	MTL
60-33-0500			Paint chassis wheels job colour with silver trim	1	MTL
60-33-1000			Paint pump and plumbing job colour	1	MTL
60-33-1500			Buffed finish compartment interior	1	MTL
60-33-2000			Lettering - no lettering provided	1	MTL
60-33-3000			Reflective stripe - 4" white	1	MTL
60-33-3310	S		Reflective stripe - red and yellow chevron at rear - SPECIAL COLOUR	1	MTL
60-33-3600	S		Reflective stripe - inside entry doors - SPECIAL	1	MTL
60-33-4700			No crosslay preconnects on vehicle	1	MTL
60-33-5000	S		Aluminum cover over hose bed with end tarps - ELECTRIC	1	MTL
60-40-5000	S		6" Hose tray - top mount (ea)	2	MTL
60-41-6005		>	Zico horizontal electric portable tank rack	1	MTL
60-41-6010			ZICO PTS switched at rear above tail light	1	MTL
60-41-9500	S	>	Zico Horizontal Ladder Access system	1	MTL
60-41-9510			ZICO HLAS switched at rear above tail light	1	MTL
60-99-0500	U	<	PAC TRAC back wall LS high side compartments	1	
			To be installed in both LS compartments over rear wheels		
			Requires 4 x PAC 7000-50, 4 x PAC 7000-70		
			INSTRUMENTATION	1	MTL
70-11-0000			Warning Label on Pump Operator's Panel	1	MTL
70-11-1500			Stainless steel instrument panels	1	MTL
70-11-3200			Colour coded tags	1	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
70-11-7500			Heat pan-aluminum	1	MTL
70-20-0500			4-1/2" compound gauge - dual face 0-600	2	MTL
70-20-1500			2-1/2" pressure gauge - dual face 0-600	9	MTL
70-20-2500			Primer control	1	MTL
70-20-3100	S		Class One Governor Control	1	MTL
70-20-3500			Electric water level gauge on pump panel, Class One	1	MTL
70-20-3610	S		Remote PSTANK water level indicators each side, rear with driver	1	MTL
70-20-6500			Test gauge panel	1	MTL
70-20-7500			Heat exchanger control valve	1	MTL
70-21-1500	S		Electric Foam Level gauge	2	MTL
70-21-1600			Electric Foam Level gauge not required	1	MTL
70-21-2100		>	PTO Hourmeter	1	MTL
70-21-5500			Panel readout for Battery Conditioner	1	MTL
70-99-8000	U		Heater in pump compartment - 40,000 BTU	1	
70-99-80AA	U		Thermostat control for pump house heater	1	
71-21-3101		>	Transmission warning light not required	1	MTL
			ACCESSORIES	1	MTL
80-11-5000	S		6" x 10' lightweight suction hose (ea) - STORZ	2	MTL
80-12-4500	S	>	6" low level strainer with 1-1/2" venturi connection - STORZ	1	MTL
80-13-0500			Rubber mallet	1	MTL
80-13-1100			Hose wrenches (triple) with holder	2	MTL
80-13-2500	S		Pike pole, fibreglass handle - 10' long	1	MTL
80-13-2510	S		Pike pole, fibreglass handle - 6' long	1	MTL
80-13-4000	S		Axe, pick head, fibreglass handle and bracket	1	MTL
80-13-4500	S		Axe, flat head, fibreglass handle and bracket	1	MTL
80-14-0500			24' 2 section extension ladder PEL 24	1	MTL
80-14-5500			14' aluminum roof ladder PRL-14	1	MTL
80-14-8500			10' aluminum folding attic ladder FL-10	1	MTL
80-14-9000	S		Attic ladder bracket (Zico)	1	MTL
80-15-1005	S		2250 l gallon portable tank - Husky	1	MTL
80-15-10AA	U		Patch kit for portable tank	1	
80-18-0500	S		SCBA bracket with strap - compt mount	3	MTL
80-19-0600	S	>	Horizontal bracket for folding wheel chock (ea)	2	MTL
80-99-0500	U		Elkhart Vulcan manual monitor with SM1250 nozzle	1	
80-99-1000	U		Pike pole, fibreglass handle - 8' long	1	
80-99-1500	U		4" Storz to 3" male Camlock fill adapter	1	
80-99-2000	U		6" to 4" Storz to Storz Adapter - Kocheck S60S64	1	