



Township of Blandford-Blenheim
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Exp. Date: 08/05/2014
Quote No: EBLON-0010 **Job/Order No:** 17971
BODY: 00-10-15 Metalfab Pumper - ULC 05/13

02/16/2017

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
			== Metalfab Pumper - ULC 05/13 - 0.000 ==	1	MTL
			CHANGE ORDER D	1	MTL
00-10-1500	S		Metalfab Pumper E	1	MTL
00-20-0500	S		List of References	1	MTL
00-20-1000			Company Profile E	1	MTL
00-20-1500			Standard Body Warranty	1	MTL
00-20-1550			Metalfab Limited Ten (10) Year Paint and Corrosion Warranty	1	MTL
00-20-1700			Hale Pump Warranty - 5 years	1	MTL
00-20-1800			Ultra Tank Lifetime Warranty	1	MTL
00-20-2100	S		Plant Inspection Visits	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 E	1	MTL
10-11-0110			Vehicle data recorder included with chassis	1	MTL
10-11-1100			ULC S515-04 Compliance	1	MTL
10-11-1500	>		ULC Testing - Pumper	1	MTL
10-11-2100			Maximum length not specified E	1	MTL
10-11-2200			Maximum height not specified E	1	MTL
10-11-2400			Overall length is 30' or more	1	MTL
10-11-2500			General Construction	1	MTL
10-11-2599	U		Calculate weight distribution and center of gravity	1	
10-11-3000			Manuals - two copies	1	MTL
10-11-3600	S	>	Delivery - FOB Fire Department	1	MTL
10-11-4000	S		Payment Terms - Chassis Net 10 days, Balance 85% COD, 15% 60 days	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 106MD	1	MTL
20-11-1500			2013 Emission chassis modifications	1	MTL
20-11-1700	S		Chassis Motor Vehicle Inspection required - ON	1	MTL
20-21-0500			Fluid capacity plate	1	MTL
20-21-0600			Pumping test plate	1	MTL
20-21-1030			Maximum riders sign - 5 persons	1	MTL
20-21-1510			Seat belt warning labels - 4 door chassis	1	MTL
20-21-1530	S		Tire Pressure Indicators - Single Axle	1	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
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
20-31-0200			Fuel fill label -Ultra Low Sulfur Diesel only	1	MTL
20-31-1100	S		Alum tread fuel tank covers, diamond grip steps, Conv - 4 dr	1	MTL
20-31-1900			Chassis cab not painted	1	MTL
20-31-4700		>	Extend front bumper, gravshld with preconnected hosewell	1	MTL
			E		
20-31-7500	S		Console in cab	1	MTL
20-41-0600			Intake air shutoff for engine not required	1	MTL
20-41-0900			Auxiliary braking system disabled when pumping	1	MTL
20-41-1100			Transmission programming - Allison WT	1	MTL
20-41-1500	S		Extend exhaust pipe - LS front of rear wheels	1	MTL
20-41-1900	S		Battery boost terminals with chassis	1	MTL
			E		
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
20-41-5000	S		Rear Tow Hooks - under body	1	MTL
20-51-0710	S		Master Battery Disconnect included with Freightliner chassis	1	MTL
20-51-2500			Back up alarm included with chassis	1	MTL
20-51-3400			Protection valve installed for air operated accessories	1	MTL
20-51-6200	S	>	120 volt 20 A shore line connection in chassis cab	2	MTL
20-51-6200	S	>	120 volt 20 A shore line connection in front LS compartment	2	MTL
20-51-6600			Kussmaul Pump Plus conditioner/compressor	1	MTL
20-51-71AA	U		Kussmaul Load Manager 2	1	
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
20-51-9100	S		Air horns on hood, lanyard controlled - with chassis	1	MTL
20-52-3500		>	Chassis steering wheel lined up by Metalfab	1	MTL
			E		
20-52-40AA	U		Zone Defense Video System, Rear Camera	1	
20-60-0400			Chassis wheelbase does not change	1	MTL
20-99-05AA	U		Map light, Southern Vehicle Products ML-5	1	
20-99-30AA	U		Accessory power block - direct to battery	1	
			PUMP AND PLUMBING	1	MTL
30-11-5600			Hale QFLO Single stage 1050 IGPM	1	MTL
30-12-3300			Mechanical seal for Hale QFLO/QPAK pumps	1	MTL
30-15-0102			Plumbing - Hale manifold pump TM SS	1	MTL
30-20-1000			Valves and controls - top mount panel	1	MTL
30-20-1002			Akron valves specified	1	MTL
30-20-1600			Piping stainless steel - general	1	MTL
30-20-1700	S		1-1/2" thread specifications - NPSH	1	MTL
30-20-1800	S		2-1/2" thread specifications - CSA	1	MTL
30-20-2000			Piping hydrostatic test	1	MTL
30-20-2500			Anodes in suction and discharge piping	1	MTL
30-21-5590			Tank to Pump TM SS 3" w/ check valve manifold pump	1	MTL
30-22-0530			Tank Fill valve 2" TM SS	1	MTL
30-31-4010			Suction - 6" not gated each side manifold pump	1	MTL
30-31-5000	S		Suction - 6" front, 4" black piping - electric control - 6" connection	1	MTL
30-31-5099	U		6" Chrome 90 degree swivel elbow for front suction	1	
30-31-7200		>	Hale master intake suction valve - electric control	1	MTL
30-31-7200	S	>	Hale master intake suction valve - electric control	2	MTL
30-32-7530	S		Suction - 2-1/2" left side SS, bleeder, Hale manifold pump	2	MTL
30-32-8030	S		Suction - 2-1/2" right side SS, side control, bleeder, Hale pump	2	MTL
30-41-2030			2-1/2" RS discharge TM SS, bleeder, Hale manifold pump	2	MTL

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30-41-2530			2-1/2" LS discharge TM SS, bleeder, Hale manifold pump	2	MTL
30-43-1520	S		2-1/2" rear discharge SS, plumbed 2-1/2", bleeder	2	MTL
30-44-0610	S		1-1/2" speedlays (each) under walkway SS, plumbed 2"	2	MTL
30-44-1000		>	1-1/2" front trash line, plumbed 2", hosewell	1	MTL
30-44-6530			Piping for monitor TM 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 E	1	MTL
30-51-1500			Power shift PTO - Automatic transmission	1	MTL
30-51-1501			PTO driveshaft E	1	MTL
30-51-6640			Class One "TPG Plus" Governor/Throttle	1	MTL
30-51-7000			Suction side relief V/V, manifold pump	2	MTL
30-51-7700			Primer Hale oil less ESP with oil tank Hale	1	MTL
30-51-8100			Heat exchanger included with chassis	1	MTL
30-52-1000			Master drain V/V, 12 port	1	MTL
30-52-2000			Drain valve for foam system header	1	MTL
30-52-5510	S		Foam system-Hypro FoamPro 2001 Single Tank	1	MTL
30-52-9100			Foam concentrate label at foam tank fill	1	MTL
30-52-9200			Foam System Instruction Plates	1	MTL
30-52-9400			NFPA Foam System certification test	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
40-11-5000			Tank capacity 1000 Imperial Gallons	1	MTL
40-12-6500	S		Foam cell - 25 l gallon	1	MTL
40-21-0500			3" tank to pump connection	1	MTL
40-22-0500			2" tank fill connection	1	MTL
40-23-0500			1" water level gauge connection	1	MTL
40-23-1000			1" foam level gauge connection	1	MTL
40-23-1040			4" direct fill connection	1	MTL
40-23-1050	S		4" Fireman's Friend connection	1	MTL
40-30-0400			3" plug in sump box	1	MTL
40-30-1000			Water Fill Box front left corner	1	MTL
40-31-0400			Rear dump valve not requested E	1	MTL
40-31-9000	S		4" Storz rear fill, Fireman's Friend	1	MTL
			ELECTRICAL	1	MTL
50-11-0500			Base electrical system	1	MTL
50-11-0600			Warning Light Certification	1	MTL
50-11-0700			Low Voltage Electrical system test	1	MTL
50-11-0800			Low Voltage Electrical System Documents	1	MTL
50-11-0900			Rocker switch panel with master warning switch	1	MTL
50-11-1500			Code 3 V con Siren	1	MTL
50-11-16AA	U		Code-3 PB100C Speaker with Chrome finish	1	
50-11-2600			Siren to be accessible to driver and officer	1	MTL
50-11-6100	S		Whelan FN72QLED LED light bar NFPA	1	MTL
50-11-6600			Rear LED Traffic Advisor warning lights - surface mount	1	MTL
50-11-86AA	U		Rear Beacons - Whelen B6TM Super LED (pr)	1	
50-12-8520	S		Front LED flashers (pr)-Whelen red LED LIN3 with integral flasher	1	MTL
50-12-8610			Rear LED flashers (pr)-Whelen red LED 600 with integral flasher	1	MTL
50-12-8710	S		Front side inter lts (pr) - Whelen red LED LIN3 with integral flasher	1	MTL
50-12-8810	S		Body side inter lts (pr)-Whelen red LED LIN3 with integral flasher	1	MTL
50-12-8905	S	>	Add'l body side inter lts (pr)-Whelen red LED LIN3 with integral flasher	1	MTL
50-21-1500	S		Rear floods (pr)-Unity	1	MTL
50-21-30AA	U		Remote control GOLIGHT on cab roof	2	
50-21-5100		>	Compartment lighting - LED tube lights in each compartment (rollup doors)	1	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
50-21-5500			Door Ajar warning light	1	MTL
50-21-8001			Step lights for body steps - 4" LED	1	MTL
50-21-8110			Step lights for walkway - 4" LED	1	MTL
50-21-82AA	U		Step lights for chassis - LED LumaBar	1	
50-21-8600	S		LED clearance lts and reflectors	1	MTL
50-22-0700			Whelan 64 LED tail/brake-turn-backup module (pr)	1	MTL
50-31-4000	S		6000 watt hydraulic generator -Harrison	1	MTL
50-35-99AA	U		Antenna base w/ rain cap	2	
50-99-05AA	U		LED Intermediate turn signal/marker lights in rear fenders	2	
50-99-1000	U		Supply and install CB radio and antenna, mount on back of console	1	
50-99-10AA	U		20" LED H20 LumaBar Ground Lights - 4 door chassis	1	
50-99-15AA	U		20" LED H20 LumaBar Ground Lights - top mount body	1	
50-99-20AA	U		12-Volt FRC, Model FCA570-V15 LED Flood - Pedestal Mounted	2	
50-99-30AA	U		Will-Burt Night Scan Chief NS 2.3 - 3600M	1	
51-31-3020	S	>	120 volt wiring for hydraulic generator	1	MTL
51-31-3100	S	>	Automatic 110 volt transfer switch	1	MTL
51-31-3500			Line Voltage System certification	1	MTL
			BODY	1	MTL
60-10-1400			Single axle extruded aluminum body	1	MTL
60-10-4000			Tapered "beavertail" rear step supports	1	MTL
60-10-4600			Painted fender surround	1	MTL
60-10-4770			Removable stainless steel fender trim - single axle	1	MTL
			E		
60-10-5400		>	Diamondback pumphouse steps	1	MTL
60-10-5430		>	Diamondback 19" rear step	1	MTL
60-10-6500			Bolt on extruded aluminum rub rail	1	MTL
60-11-0300		>	Eront left side compartments full height	1	MTL
			E		
60-11-0700		>	Front right side compartments full height	1	MTL
			E		
60-11-1000		>	Rear left side compartments full height	1	MTL
			E		
60-11-1400		>	Rear right side compartments full height	1	MTL
			E		
60-11-2000		>	High side compartment (over 18") each	2	MTL
60-11-2500	S	>	Rear compartment at step level	1	MTL
60-11-5600	S		Rollup door - natural finish aluminum - standard height	3	MTL
60-11-5620	S		Rollup door - natural finish aluminum - full height	4	MTL
60-31-4100	S		Extruded aluminum handrails	1	MTL
60-31-6500			Compartment matting-Turtle tile	1	MTL
60-31-8000			BA bottle compt (ea)-fender well	4	MTL
60-31-8700	S	>	Sliding tray (ea) - 400 pound capacity with gas strut	2	MTL
60-31-8800		>	Sliding tray (ea) - 600 pound capacity	5	MTL
60-31-9600	S	>	Adjustable shelf (ea)	10	MTL
60-31-9600	S	>	Adjustable shelf (ea) - Zolatone finish	3	MTL
60-32-3560	S		Three adjustable hose divider (each)	1	MTL
60-32-7500			Hose bed - aluminum	1	MTL
60-33-0100			Paint exterior - Imron Elite and clearcoat	1	MTL
			E		
60-33-0200			Undercoat vehicle with KROWN rust protection	1	MTL
60-33-0600			Chassis wheels not painted	1	MTL
60-33-1000			Paint pump and plumbing job colour	1	MTL
60-33-1600	S		Special paint compartment interior - gray zolatone	1	MTL
			E		
60-33-2000			Lettering - no lettering provided	1	MTL
60-33-3300	S		Reflective stripe - 10"	1	MTL
60-33-3310	S		Reflective stripe - red and yellow chevron at rear	1	MTL
60-33-3600	S		Reflective stripe - inside entry doors	1	MTL
60-33-4700			No crosslay preconnects on vehicle	1	MTL
			E		

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
60-40-1000	S		2-1/2" Hose tray - top mount (ea)	4	MTL
60-40-5500			Suction hose tube (each) with door	2	MTL
60-40-9000		>	Tube mount for ladders, with rear door	1	MTL
60-41-1000			Pike Pole tube with door	2	MTL
60-41-1500			Attic ladder tube with rear door	1	MTL
60-91-0500	S	>	Compartment SCBA Storage rack	1	MTL
			E		
60-99-05AA	U		Price Adjustment	1	
60-99-10AA	U		Hose bed cover lights, 40" LED H20 LumaBar (4)	1	
60-99-15AA	U		Power assisted hose bed covers with end tarps (red)	1	
60-99-20AA	U		Rear access ladder to hose bed	1	
			INSTRUMENTATION	1	MTL
70-11-0000			Warning Label on Pump Operator's Panel	1	MTL
70-11-1000			Black zolatone instrument panels	1	MTL
70-11-2000	S		Top mount instrument panel	1	MTL
70-11-2500			Transverse walkway	1	MTL
70-11-2600			Tread plate overlay on back of chassis cab	1	MTL
70-11-3000			Mansaver bars - 22"	1	MTL
70-11-3200			Colour coded tags	1	MTL
70-11-3501			Compartments in ends of walkway not required	1	MTL
70-11-4500	S		Stainless steel panel hood step right side	1	MTL
70-11-4600	S		Stainless steel panel hood step left side	1	MTL
70-11-5500			Right side tread plate pump access door	1	MTL
70-11-5600			Left side tread plate pump access door	1	MTL
70-11-5700			Transverse tread plate pump access door	1	MTL
70-11-7500	S		Heat pan-aluminum	1	MTL
70-11-8000			Heater in pump compartment	1	MTL
70-20-0500	S		4-1/2" compound gauge - dual face 0-600	2	MTL
70-20-1500	S		2-1/2" pressure gauge - dual face 0-600	7	MTL
70-20-2500			Primer control	1	MTL
70-20-3100			Class One Governor Control	1	MTL
70-20-3500	S		Electric water level gauge on pump panel, Class One	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	1	MTL
70-21-2100		>	PTO Hourmeter	1	MTL
70-21-5500	S		Readout for Battery Conditioner	1	MTL
70-99-05AA	U		Additional LED lighting for steps, auxiliary steps, etc.	1	
70-99-10AA	U		Class 1 chrome tag bezels	1	
71-21-3101		>	Transmission warning light not required	1	MTL
			E		
71-21-4000			Microphone compartment	1	MTL
71-21-4500			Speaker on pump panel	1	MTL
			ACCESSORIES	1	MTL
80-11-1000	S		2-1/2" x 10' lightweight suction hose (ea)	4	MTL
80-11-5000			6" x 10' lightweight suction hose (ea)	2	MTL
80-12-4500	S	>	6" Kochek low level strainer with 1-1/2" venturi connection	1	MTL
80-13-1100	S		Hose wrenches (triple) with holder	2	MTL
80-13-2500			Pike pole, fibreglass handle - 10' long	2	MTL
80-13-4000	S		Axe, pick head, fibreglass handle and bracket	2	MTL
80-14-0500	S		24' 2 section extension ladder Duo Safety	1	MTL
80-14-5500	S		14' aluminum roof ladder Duo Safety	1	MTL
80-14-8500	S		10' aluminum folding attic ladder Duo Safety	1	MTL
80-19-0500	S		Large folding wheel chock - aluminum (ea)	2	MTL
80-19-0600	S	>	Horizontal bracket for folding wheel chock (ea)	2	MTL
80-20-4000			Double female adapter 2-1/2" PYROLITE	1	MTL
80-20-4500			Double male adapter 2-1/2" PYROLITE	1	MTL
80-99-05AA	U		SHO-ME Halogen rechargeable hand lights	6	
80-99-10AA	U		Under Helmet Headset - Sigtronics Model SE-2	1	
80-99-15AA	U		Weldon, Model 0J10-0393-00 License plate brackeet	1	

