



Shop Order-00-10-15: Unclassified

Village of Chipman
 10 Civic Court, Unit 1
 Chipman, NB E4A 2H9

Exp. Date: 11/21/2016
Quote No: ECHNB-0009 **Job/Order No:** 19572
BODY: 00-10-15 Metalfab Pumper - ULC 05/13

11/08/2017

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PART NO	S	STN CODE	DESCRIPTION	QTY	ID
			== Metalfab Pumper - ULC 05/13 - 0.000 ==	1	MTL
	S		CHANGE ORDER C	1	MTL
00-00-0200	U		Exceptions to Tender	1	
00-10-1500			Metalfab Pumper E	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			Polypropylene 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
10-11-0105			Vehicle Data Recorder not requested	1	MTL
			E		
10-11-1100	S		ULC S515-13 Compliance	1	MTL
10-11-1500		>	ULC Testing - Pumper	1	MTL
10-11-2100			Maximum length not specified	1	MTL
10-11-2200	S	<	Maximum height 121"	1	MTL
			Customer has an overpass with 123" maximum height		
10-11-2400			Overall length is 30' or more	1	MTL
10-11-2500			General Construction	1	MTL
10-11-2600	S		Preconstruction Meeting	1	MTL
10-11-3000			Manuals - two copies	1	MTL
10-11-3600	S	>	Delivery - FOB Fire Department	1	MTL
10-11-4000			Payment Terms - Chassis Net 10 days, Balance COD	1	MTL
10-20-1000			Hose bed capacity - standard ULC Pumper	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 112	1	MTL
20-11-1500			2013 Emission chassis modifications	1	MTL
20-11-1700			Chassis Motor Vehicle Inspection required - NB	1	MTL
			E		
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

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
20-21-3810			Front mudflaps provided with chassis	1	MTL
			E		
20-21-4000			Rear mudflaps - Metalfab Logo	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
20-31-4700	S	>	Extend front bumper, gravshld with preconnected hosewell	1	MTL
			E		
20-31-7010			SS nut covers, hub caps and high hats - tandem axle	1	MTL
20-41-0500	S		Intake air shutoff for engine	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			Extend exhaust pipe - RS front of rear wheels	1	MTL
			E		
20-41-1900			Battery boost terminals with chassis	1	MTL
			E		
20-41-2200			Chassis batteries relocated to body compartment	1	MTL
			E		
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			Rear Tow Hooks - under body	1	MTL
20-51-0710			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
20-51-4000			Auto eject for air inlet - LS	1	MTL
20-51-6200	S	>	120 volt 20 A shore line connection in chassis cab	2	MTL
20-51-6500			Kussmaul Autocharge 1000 battery conditioner w/battery saver	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
20-51-8510	U		4" grommet mounted LED Engine compartment lights (pair)	1	
20-51-9001	S		Air horns on cab hood with dual lanyards included with chassis	1	MTL
20-51-9300	U		Code 3 Utility LED light bar in front bumper (UTLY14-DC)	1	
20-52-3500		>	Chassis steering wheel lined up by Metalfab	1	MTL
			E		
20-52-4000			Rear View Camera system	1	MTL
20-60-0400			Chassis wheelbase does not change	1	MTL
			PUMP AND PLUMBING	1	MTL
30-11-8100			Hale QMAX 1250 IGPM single stage pump	1	MTL
30-12-3500			Mechanical seal for Hale QMAX/QTWO pumps	1	MTL
30-15-0104			Plumbing - Hale manifold pump SM SS	1	MTL
			E		
30-20-0500			Valves and controls - side 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 - Storz	1	MTL
30-20-1800	S		2-1/2" thread specifications - 3.062 x 7	1	MTL
30-20-2000			Piping hydrostatic test	1	MTL
30-20-2500			Anodes in suction and discharge piping	1	MTL
30-21-5560			Tank to Pump SS 3" w/ check valve manifold pump	1	MTL
30-22-2020			Tank Fill valve 3" SS	1	MTL
30-31-4010	S		Suction - 6" each side manifold pump	1	MTL
30-31-7100		>	Hale master intake suction valve - handwheel control	1	MTL
30-32-7530			Suction - 2-1/2" left side SS, bleeder, Hale manifold pump	1	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
30-32-8030			<i>Suction - 2-1/2" right side SS, bleeder, Hale manifold pump</i>	1	MTL
30-41-2020			<i>2-1/2" RS discharge SS, bleeder, Hale manifold pump</i>	2	MTL
30-41-2520			<i>2-1/2" LS discharge SS, bleeder, Hale manifold pump</i>	2	MTL
30-43-1520			<i>2-1/2" rear discharge SS, plumbed 2-1/2", bleeder</i>	2	MTL
30-44-0520			<i>1-1/2" crosslay (each) SS, 2" valve, bleeder</i>	2	MTL
30-44-1020		>	<i>1-1/2" front trash line SS, plumbed 2", hosewell</i>	1	MTL
30-44-6520	S		<i>Piping for monitor SS, plumbed 3", bleeder</i>	1	MTL
30-51-0500			<i>Pump shift-Midship air</i>	1	MTL
30-51-0700			<i>Pump Gearbox mounted manual over ride for pump shift</i>	1	MTL
			E		
30-51-1500			<i>Power shift PTO - Automatic transmission</i>	1	MTL
30-51-1501		>	<i>PTO driveshaft</i>	1	MTL
			E		
30-51-6800			<i>FRC InControl Governor/Throttle engine display with throttle knob</i>	1	MTL
30-51-7000			<i>Suction side relief V/V, manifold pump</i>	2	MTL
30-51-7700			<i>Primer Hale oil less ESP with oil tank Hale</i>	1	MTL
30-51-7800			<i>Pre Primer for gated suction Hale primer</i>	1	MTL
30-51-8100			<i>Heat exchanger included with chassis</i>	1	MTL
30-52-1000			<i>Master drain V/V, 12 port</i>	1	MTL
30-52-2000			<i>Drain valve for foam system header</i>	1	MTL
30-52-4210	S		<i>Foam System - Hypro FoamPro 2002 Single Tank</i>	1	MTL
30-52-8100			<i>Electric foam fill pump with panel pickup</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
30-60-0510			<i>Pneumax Silver 200-SP Compressed Air Foam System</i>	1	MTL
30-60-1000			<i>2" CAFS discharge kit for Akron valve</i>	3	MTL
30-60-1500			<i>2-1/2" CAFS discharge kit for Akron valve</i>	1	MTL
30-60-2000			<i>3" CAFS discharge kit for Akron valve</i>	1	MTL
			WATER AND FOAM TANKS	1	MTL
40-11-2100			<i>Polypropylene water tank (Imperial gallons)</i>	1	MTL
40-11-2200			<i>Water tank capacity certification (tank manufacturer)</i>	1	MTL
40-11-7000			<i>Tank capacity 2000 Imperial Gallons</i>	1	MTL
40-12-5000			<i>Foam cell - 30 Imperial gallon</i>	1	MTL
40-21-0500			<i>3" tank to pump connection</i>	1	MTL
40-22-1500			<i>3" tank fill connection</i>	1	MTL
40-23-0500			<i>1" water level gauge connection</i>	1	MTL
40-23-1000			<i>1" foam level gauge connection</i>	1	MTL
40-23-1060			<i>10" Newton dump connection</i>	1	MTL
40-23-1070			<i>3" direct fill connection</i>	1	MTL
40-30-0500			<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
40-31-0400			<i>Rear dump valve not requested</i>	1	MTL
40-31-6000			<i>2-1/2" rear gtd tank fill</i>	1	MTL
40-99-05AA	U		<i>Cover over dump valve provision 40-23-1060</i>	1	MTL
			ELECTRICAL	1	MTL
50-11-0500			<i>Base electrical system</i>	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	S		<i>Rocker switch panel with master warning switch</i>	1	MTL
50-11-1400			<i>Federal PA300 100 watt siren</i>	1	MTL
50-11-1620		>	<i>Siren speaker, 100 watt, in front bumper</i>	1	MTL
50-11-2600			<i>Siren to be accessible to driver and officer</i>	1	MTL
50-11-6100	S		<i>Whelen F4N0QLED LED light bar NFPA</i>	1	MTL
50-11-7600			<i>Rear LED Signal Master warning lights</i>	1	MTL
50-11-8600	S		<i>Rear LED beacons-Whelen MCFLED2R (pr) both red</i>	1	MTL
50-12-8520	S		<i>Front LED flashers (pr)-Whelen red LED 600 with integral flasher</i>	1	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
50-12-8710	S		Front side inter lts (pr) - Whelen red LED 600 with integral flasher	1	MTL
50-12-8810	S		Body side inter lts (pr)-Whelen red LED 600 with integral flasher	1	MTL
50-12-8905	S	>	Add'l body side inter lts (pr)-Whelen red LED 600 with integral flasher	1	MTL
50-21-1520	U		Whelen PFBP12C2 LED rear flood lights (pr)	1	
50-21-1610	U		Parking (ditch) lights in rear fenders - LED with Stainless housings (pr)	1	
50-21-2525	U		FRC telescoping SPECTRA LED 12V flood (ea)	2	
50-21-29AA	U		Additional lighting in cab to illuminate floor area (ULC requirement) - 2 dr	1	
50-21-3000	S	>	Remote control electric spot/flood (ea) Spartan	1	MTL
50-21-5100	S	>	Compartment lighting - LED tube lights in each compartment	1	MTL
50-21-5500			Door Ajar warning light	1	MTL
50-21-5550			Equipment rack not stowed warning light	1	MTL
50-21-8001			Step lights for body steps - 4" LED	1	MTL
50-21-8200	S		Step lights for chassis steps - LED	1	MTL
50-21-83AA	U		LED Lighting for rear step/platform lighting	1	
50-21-8600			LED clearance lts and reflectors	1	MTL
50-21-8800			LED intermediate turn signal/clearance/reflector length >30'	1	MTL
50-22-0750	S		Whelen 64 LED CAST 4V tail/brake-turn-backup-warning module (pr)	1	MTL
50-31-6006		>	Scene lights (pr) - Federal QL97 LED	3	MTL
50-31-6010	S		Scene light boxes (pr) - painted	2	MTL
50-31-6550			Ground lighting (LED Lumabar) - 2 door chassis	1	MTL
50-31-6570			Ground lighting (LED Lumabar) - side mount body	1	MTL
50-31-6595	U		Ground lights (LED Lumabar) under each body lower side compartment	4	
50-31-65AA	U		Hose bed lighting - LED on front partition (ULC requirement)	1	
50-35-0500	S		Installation of customer supplied mobile radio	1	MTL
50-35-0559			Mobile radio antenna provided by customer	1	MTL
50-99-10AA	U		Supply and install CB radio - Uniden PRO510XL	1	
			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
60-10-6500			Bolt on extruded aluminum rub rail	1	MTL
			E		
60-11-0100		>	Front left side compartment to top of wheel well	1	MTL
60-11-0600		>	Front right side compartments intermediate height	1	MTL
60-11-0800		>	Rear left side compartment to top of wheel well	1	MTL
60-11-1300		>	Rear right side compartments intermediate height	1	MTL
60-11-1900		>	Low side compartment (up to 18") each	2	MTL
60-11-2000		>	High side compartment (over 18") each	4	MTL
60-11-3200		>	Full Height Rear compartment	1	MTL
60-11-4500			Flush mount aluminum door - single with "D" handle	6	MTL
60-11-4510			Flush mount aluminum door - double with "D" handle	5	MTL
60-31-4100			Extruded aluminum handrails	1	MTL
60-31-5000			Zico access Ladder at rear of unit	1	MTL
60-31-5500	S		Steps at rear of body (folding) - right side only	1	MTL
60-31-5600			Steps and grab handles at front of body next to pump panel	1	MTL
60-31-6500			Compartment matting-Turtle tile	1	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
60-31-8700	S	>	Sliding tray (ea) - 400 pound capacity with gas strut	1	MTL
60-31-9600	S	>	Adjustable shelf (ea)	6	MTL
60-32-3550			Two adjustable hose divider (each)	1	MTL
60-32-7500			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
60-33-0600			Chassis wheels not painted	1	MTL
60-33-1000			Paint pump and plumbing job colour	1	MTL
60-33-1500			Buffed finish compartment interior	1	MTL
60-33-2200			Lettering - 80 letters up to 3" tall - 3 colour	1	MTL
60-33-3000			Reflective stripe - 4" white	1	MTL
60-33-3310			Reflective stripe - red and yellow chevron at rear	1	MTL
60-33-3500			Tarp over hose bed - black	1	MTL
60-33-4600			Aluminum cover over crosslays - with end tarps (black)	1	MTL
60-40-5500			Suction hose tube (each) with door	3	MTL
60-41-1015			Pike Pole tube in suction hose tube	2	MTL
60-41-9000		>	Zico electric Ladder Access system	1	MTL
60-41-9010			ZICO LAS switched at rear above tail light	1	MTL
			E		
60-41-9100			Manual locking system for LAS	1	MTL
60-91-0700	U		Wheel chock compartment in left side fender well	1	
60-99-0010	U		Install customer SCBA brackets as directed	1	
60-99-15AA	U		Sliding tray w/gas strut - 400 lb cap with adjustable partitions to store hose	3	
60-99-20AA	U		Standard pull out tray w/gas strut - adjustable in height	1	
			INSTRUMENTATION	1	MTL
70-11-0000			Warning Label on Pump Operator's Panel	1	MTL
70-11-0500			Side mount instrument panel	1	MTL
70-11-1500			Stainless steel instrument panels	1	MTL
70-11-3200			Colour coded tags	1	MTL
70-11-4100			Stainless steel side panel hood left side	1	MTL
70-11-4500			Diamondback grip type panel hood step right side	1	MTL
70-11-5110	U		Open storage at rear top of pump house	1	
70-11-5300	S		Right side painted pump access door	1	MTL
70-11-7500			Heat pan-aluminum	1	MTL
70-11-8000			Heater in pump compartment	1	MTL
70-20-1500			2-1/2" pressure gauge - dual face 0-600	10	MTL
70-20-2500			Primer control	2	MTL
70-20-3300			FRC InControl Governor Control	1	MTL
70-20-3500			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 on pump panel, Class One	1	MTL
70-21-16AA	U		Additional foam level gauge on RS pump panel	1	
70-21-2100		>	PTO Hourmeter	1	MTL
70-21-5500			Panel readout for Battery Conditioner	1	MTL
70-99-0010	U		Microphone on pump panel	1	
71-21-4000			Microphone compartment	1	MTL
71-21-4500			Speaker on pump panel	1	MTL
71-21-60AA	U		Microphone connection on pump panel	1	
			ACCESSORIES	1	MTL
80-11-5000			6" x 10' lightweight suction hose (ea)	3	MTL
80-12-2500			6" barrel strainer	1	MTL
80-12-4500		>	6" low level strainer with 1-1/2" venturi connection	1	MTL
80-13-0500			Rubber mallet	1	MTL
80-13-2500			Pike pole, fibreglass handle - 10' long	2	MTL
80-14-0500	S		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			Attic ladder bracket (Zico)	1	MTL

