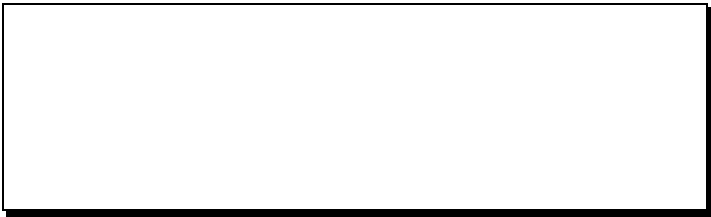




Shop Order-00-10-15: Unclassified

Louisdale Fire Department
 Jerry F. Marchand
 230 Main Road
 Louisdale, NS B0E 1V0
 902.345.2767 Home
 902.227.7911 Work



Exp. Date: 03/26/2015
Quote No: JLONS-0012 **Job/Order No:** 18585
BODY: 00-10-15 Metalfab Pumper - ULC 05/13

02/09/2017

Page 1

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
			== Metalfab Pumper - ULC 05/13 - 0.000 ==	1	MTL
			Louisdale, NS - Change Order A	1	MTL
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			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 E	1	MTL
10-11-0105			Vehicle Data Recorder not requested	1	MTL
10-11-1100	S		ELC S515-13 Compliance	1	MTL
10-11-1500		>	ULC Testing - Pumper	1	MTL
10-11-2100			Maximum length not specified E	1	MTL
10-11-2200	S		Maximum height - 115"	1	MTL
10-11-2400			Overall length is 30' or more	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	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, 2 door tandem	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
20-21-1000			Maximum riders sign - 2 persons	1	MTL
20-21-1500			Seat belt warning labels - 2 door chassis	1	MTL
20-21-1550			Tire Pressure Indicators not requested	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 E	1	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
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
20-31-7500	S	<	Console in cab	1	MTL
			Change Order A - Make room in console for TMR and VHF radios - Ref 50-35-0500		
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			Extend exhaust pipe - RS front of rear wheels	1	MTL
			E		
20-41-1900			Battery boost terminals with chassis	1	MTL
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
20-51-6600			Kussmaul Pump Plus conditioner/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 horn - ordered with chassis	1	MTL
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
30-11-8600			Hale QMAX 1500 IGPM single stage pump	1	MTL
30-12-3500			Mechanical seal for Hale QMID/QMAX/QTWO pumps	1	MTL
30-15-0103			Plumbing - Hale manifold pump SM	1	MTL
30-20-0500			Valves and controls - side mount panel	1	MTL
30-20-1001			Valve brand not specified	1	MTL
30-20-1500			Piping galvanized 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 - NSZ1	1	MTL
30-20-2000			Piping hydrostatic test	1	MTL
30-20-2505			Anodes in suction and discharge piping not requested	1	MTL
30-21-5500			Tank to Pump 3" w/ check valve manifold pump	1	MTL
30-22-0500			Tank Fill valve 2"	1	MTL
30-31-4010	S		Suction - 6" each side manifold pump	1	MTL
30-31-6025	S	>	Suction - 6" black piping to rear - handwheel control - 6" connection	1	MTL
			E		
30-31-7100		>	Hale master intake suction valve - handwheel control	3	MTL
30-32-7500			Suction - 2-1/2" left side, bleeder, Hale manifold pump	1	MTL
30-40-2599	U	<	4" rear discharge, 3" valve	1	
			SOPT 305		
30-41-2000			2-1/2" RS discharge, bleeder, Hale manifold pump	2	MTL
30-41-2500			2-1/2" LS discharge, bleeder, Hale manifold pump	2	MTL
30-43-1500			2-1/2" rear discharge, plumbed 2-1/2", bleeder	1	MTL
30-44-0500			1-1/2" crosslay (each), 2" valve, bleeder	2	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
30-51-0500			Pump shift-Midship air	1	MTL
30-51-0700			Pump Gearbox mounted manual over ride for pump shift E	1	MTL
30-51-6630			Class One "TPG" Governor/Throttle	1	MTL
30-51-7000	S		Suction side relief V/V, manifold pump	3	MTL
30-51-7700			Primer Hale oil less ESP with oil tank Hale	1	MTL
30-51-7800			Pre Primer for gated suction Hale primer	3	MTL
30-51-8100			Heat exchanger included with chassis	1	MTL
30-52-1000			Master drain V/V, 12 port	1	MTL
30-52-3001			Foam system not requested E	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
40-11-7500			Tank capacity 2500 Imperial Gallons	1	MTL
40-21-0500	S		4" 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
40-23-1040			4" direct fill connection	1	MTL
40-23-1060			10" Newton dump connection	1	MTL
40-30-0500			Sump drain valve (3" gate valve) with linkage E	1	MTL
40-30-1100			Water Fill Box middle left side	1	MTL
40-31-3500			10" rear Newton dump, stainless steel	1	MTL
40-31-3600			Newton dump - stainless steel 36" telechute	1	MTL
40-31-4700			Newton dump, top mount manual operation	1	MTL
40-31-56AA	U		Rotating dump chute for Newton dump - stainless steel	1	
40-31-8000			4" Storz rear gtd fill	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
50-11-1400			Federal PA300 100 watt siren	1	MTL
50-11-1620			Siren speaker, 100 watt, in front bumper	1	MTL
50-11-2600			Siren to be accessible to driver and officer	1	MTL
50-11-6100	S		Whelen Legacy Solo GS2RRR	1	MTL
50-11-6600			Rear LED Traffic Advisor warning lights - surface mount	1	MTL
50-11-8600	S		Rear LED beacons-Whelen MCFLED2R (pr) both red	1	MTL
50-12-8500	S		Front LED flashers (pr)-Whelen red LED 400 with integral flasher	1	MTL
50-12-8600	S		Rear LED flashers (pr)-Whelen red LED 400 with integral flasher	1	MTL
50-12-8700	S		Front side inter lts (pr) - Whelen red LED 400 with integral flasher	1	MTL
50-12-8800	S		Body side inter lts (pr)-Whelen red LED 400 with integral flasher	1	MTL
50-12-8900	S	>	Add'l body side inter lts (pr)-Whelen red LED 400 with integral flasher	1	MTL
50-21-15AA	U	<	Unity rear LED flood lights (pr) These lights are also used for rear step lighting and hose bed lighting and cannot be shed through the ESM.	1	
50-21-2540			FRC telescoping SPECTRA LED 12V flood (ea)	2	MTL
50-21-5100		>	Compartment lighting - LED tube lights in each compartment (rollup doors)	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
50-21-8201	S		Step lights for chassis steps - LED	1	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
50-21-8600			LED clearance lts and reflectors	1	MTL
50-21-8800			LED intermediate turn signal/clearance/reflector length >30'	1	MTL
50-22-0700	S		Whelen 64 LED tail/brake-turn-backup module (pr)	1	MTL
50-31-6006		< >	Scene lights (pr) - Federal QL97 LED	3	MTL
			Each upper side corner and rear facing as shown on drawing		
50-31-6011			Scene light boxes not required	3	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
50-35-0500	S		Provisions for installation of customer supplied mobile radios	1	MTL
50-35-0559	S	<	Supply and install Mobile radio antenna base only	2	MTL
			Supply and install two (2) antenna bases only on cab roof. Wire harness from each antenna base will be routed to radio cutout location in console and clearly labeled for Customer hook up. Customer will supply and install antennas. Customer to specify any special requirements (i.e. location on roof and any special distance between the antenna bases).		
50-99-01AA	U	<	Honda EU3000iKC Inverter Generator	1	
			Shipped loose		
50-99-20AA	U	<	Parking ditch lights in rear fenders - LED w/ stainless steel housing (pr)	1	
			Switched in cab and interlocked to activate when transmission is shifted to reverse gear.		
			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
60-11-0200		>	Front left side compartments intermediate height	1	MTL
60-11-0700		>	Front right side compartments full height	1	MTL
			E		
60-11-0900		>	Rear left side compartments intermediate height	1	MTL
60-11-1100		>	Rear right side compartment to top of wheel well	1	MTL
60-11-1900		< >	Low side compartment (up to 18") each	2	MTL
			Install over rear left side wheel well with flip down doors		
60-11-3100			No rear compartment	1	MTL
60-11-4500			Flush mount aluminum door - single with "D" handle	2	MTL
60-11-5500			Rollup door - standard height	1	MTL
60-11-5510			Rollup door - intermediate height	2	MTL
60-11-5520			Rollup door - full height	1	MTL
60-11-5530			Rollup door - to enclose pump panel	1	MTL
60-31-4100			Extruded aluminum handrails	1	MTL
60-31-5000			Zico access Ladder at rear of unit	1	MTL
60-31-5500			Steps at rear of body (folding)	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
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

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
60-33-2200			<i>Lettering - 80 letters up to 3" tall - 3 colour</i>	1	MTL
60-33-3000			<i>Reflective stripe - 4" white</i>	1	MTL
60-33-3310			<i>Reflective stripe - red and yellow chevron at rear</i>	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			<i>Suction hose tube (each) with door</i>	2	MTL
60-40-9500	S	>	<i>Tube for portable tank storage, with smooth plate rear door (painted)</i>	1	MTL
60-41-1015	S		<i>Pike Pole tube in suction hose tube</i>	2	MTL
60-41-9000		>	<i>Zico electric Ladder Access system</i>	1	MTL
60-41-9010			<i>ZICO LAS switched at rear above tail light</i>	1	MTL
			E		
60-41-9100			<i>Manual locking system for LAS</i>	1	MTL
			INSTRUMENTATION	1	MTL
70-11-0000			Warning Label on Pump Operator's Panel	1	MTL
70-11-0501			<i>Side mount instrument panel with rollup door LS only</i>	1	MTL
70-11-1500			<i>Stainless steel instrument panels</i>	1	MTL
70-11-3200			<i>Colour coded tags</i>	1	MTL
70-11-4500	U		<i>Diamond grip pump panel step - right side</i>	1	
70-11-5000			<i>Standard cover over rear top of pump house - no storage</i>	1	MTL
70-11-5500			<i>Right side tread plate pump access door</i>	1	MTL
70-11-7500			<i>Heat pan-aluminum</i>	1	MTL
70-11-8000			<i>Heater in pump compartment</i>	1	MTL
70-20-0500			4-1/2" compound gauge - dual face 0-600	2	MTL
70-20-1500			<i>2-1/2" pressure gauge - dual face 0-600</i>	8	MTL
70-20-2500			<i>Primer control</i>	4	MTL
70-20-3100			<i>Class One Governor Control</i>	1	MTL
70-20-3510			<i>Electric water level gauge on pump panel and at rear, Class One</i>	1	MTL
70-20-6500			Test gauge panel	1	MTL
70-20-7500			<i>Heat exchanger control valve</i>	1	MTL
70-21-0100			<i>Class One ENFO III engine monitor</i>	1	MTL
70-21-5500			<i>Panel readout for Battery Conditioner</i>	1	MTL
			ACCESSORIES	1	MTL
80-11-5000			<i>6" x 10' lightweight suction hose (ea)</i>	2	MTL
80-12-2500			<i>6" barrel strainer</i>	1	MTL
80-13-0500			<i>Rubber mallet</i>	1	MTL
80-13-2500	S		<i>Pike pole, fibreglass handle - 10' long</i>	2	MTL
80-14-0500			<i>24' 2 section extension ladder PEL 24</i>	1	MTL
80-14-5500			<i>14' aluminum roof ladder PRL-14</i>	1	MTL
80-14-8500			<i>10' aluminum folding attic ladder FL-10</i>	1	MTL
80-14-9000			<i>Attic ladder bracket (Zico)</i>	1	MTL
80-15-1005			<i>2500 l gallon portable tank - Husky</i>	1	MTL
80-19-0500			<i>Large folding wheel chock - aluminum (ea) not mounted</i>	2	MTL
80-19-0600		< >	<i>Horizontal bracket for folding wheel chock (ea)</i>	2	MTL
			To be installed inside a compartment of the Departments choosing		