



Shop Order-00-10-15: Unclassified

Bateston Fire Department
Chief Kelly Bates
1155 Main-a-Dieu Rd
Bateston, NS B1C 1V7
902-371-5170
ks.bates@seaside.ns.ca

Exp. Date: 03/27/2015
Quote No: JBANS-0012
Job/Order No: 18573

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
			Change Order C	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	S		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
10-11-0110			Vehicle data recorder included with chassis	1	MTL
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 E	1	MTL
10-11-2200	S	<	Maximum height - 113"	1	MTL
			Door opening is 115"		
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 - International 4400 SBA 4x2 - four door	1	MTL
			2014 International 4400 - Stock Richwil International		
			254" Wheelbase, 40,000 lb GVW (14FA, 26RA)		
			MaxxForce 9 - 330 Hp at 2000 rpm, 950 torque at 1200 rpm		
			Allison 3000 EVS automatic transmission, 320 amp alternator		
			Polished aluminum wheels		
			VDR, Seat and seatbelt monitoring system		
			Diamond logic Multiplex wiring		
			2303 Red		

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
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
20-21-1030			Maximum riders sign - 5 persons	1	MTL
20-21-1510			Seat belt warning labels - 4 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	S		Non removable key - keyless ignition	1	MTL
20-21-2500			Shifter lock not required E	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
20-31-1000			Alum tread fuel tank trim, Conv - 4 door	1	MTL
20-31-3000	< >		Paint conventional cab two tone	1	MTL
			From the windshield up to be painted white. The hood and lower portion of the cab will remain 2303 red.		
20-31-7500			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			Extend exhaust pipe - RS front of rear wheels E	1	MTL
20-41-1801			Battery boost terminals not required - batteries accessible	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
20-41-5000			Rear Tow Hooks - under body	1	MTL
20-51-0700			Master Battery Disconnect included with 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
20-51-6500			Kussmaul Autocharge 1000 battery conditioner w/battery saver	1	MTL
20-51-7102	S		Electric System Management included with chassis - Diamond Logic	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
20-51-9000	S		Air horns on hood	1	MTL
20-52-3000		>	Chassis steering wheel lined up by others	1	MTL
20-60-0400			Chassis wheelbase does not change	1	MTL
20-99-05AA	U		Installation of Customer's Invertor	1	
			PUMP AND PLUMBING	1	MTL
30-11-3800	U		Price Adjustment	1	
30-11-5600	S		Hale QFLO Single stage 1050 IGPM	1	MTL
30-12-3300	S		Mechanical seal for Hale QFLO/QPAK pumps	1	MTL
30-15-0103	S		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 E	1	MTL
30-20-1500	S		Piping galvanized steel - general	1	MTL
30-20-1640	U		Price Adjustment	1	
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	S		Anodes in suction and discharge piping not requested	1	MTL
30-21-5500	S		Tank to Pump 3" w/ check valve manifold pump	1	MTL
30-21-5510	U		Price Adjustment	1	
30-22-0500	S		Tank Fill valve 2"	1	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
30-22-0500	U		Price Adjustment	1	
30-31-4000	U		Price Adjustment	1	
30-31-4010	S		Suction - 6" not gated each side manifold pump	1	MTL
30-32-7500	S		Suction - 2-1/2" left side, bleeder, Hale manifold pump	1	MTL
30-32-8000	S		Suction - 2-1/2" right side, bleeder, Hale manifold pump	1	MTL
30-41-2000	S		2-1/2" RS discharge, bleeder, Hale manifold pump	2	MTL
30-41-2006	U		Price Adjustment	2	
30-41-2500	S		2-1/2" LS discharge, bleeder, Hale manifold pump	2	MTL
30-41-2506	U		Price Adjustment	2	
30-43-1500	S		2-1/2" rear discharge, plumbed 2-1/2", bleeder	1	MTL
30-44-0500	S		1-1/2" crosslay (each), 2" valve, bleeder	2	MTL
30-51-0500	S		Pump shift-Midship air	1	MTL
30-51-0700			Pump Gearbox mounted manual over ride for pump shift	1	MTL
			E		
30-51-6630	S		Class One "TPG" Governor/Throttle	1	MTL
30-51-7000			Suction side relief V/V, manifold pump	1	MTL
30-51-7700	S		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
30-52-3001			Foam system not requested	1	MTL
			E		
			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
40-21-0500	S		3" tank to pump connection	1	MTL
40-22-0500	S		2" tank fill connection	1	MTL
40-23-0500			1" water level gauge connection	1	MTL
40-30-0500			Sump drain valve (3" gate valve) with linkage	1	MTL
			E		
40-30-1000			Water Fill Box front left corner	1	MTL
40-31-0400			Rear dump valve not requested	1	MTL
			E		
40-31-6050			Rear fill not requested	1	MTL
			E		
			ELECTRICAL	1	MTL
50-11-0450			Base electrical system - International Diamond Logic multiplex	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
50-11-1625			Siren speaker, 100 watt, behind chassis grille	1	MTL
50-11-2600			Siren to be accessible to driver and officer	1	MTL
50-11-6150	S	>	Federal LPX61DS-NFPA LED light bar all red	1	MTL
50-11-6501			Rear Directional Light not required	1	MTL
			E		
50-11-8900			Rear beacons-Federal Sentry (pr) 1 red, 1 amber	1	MTL
50-12-5020			Front LED flashers (pr)-red Federal QL64XF-R	1	MTL
50-12-5110			Rear LED flashers (pr)-red Federal QL64XF-R	1	MTL
50-12-5210			Front side inter lts (pr)-red LED Federal QL64XF-R	1	MTL
50-12-5310			Body side inter lts (pr)-red LED Federal QL64XF-R	1	MTL
50-12-5410		>	Additional body side inter lts (pr)-red LED Federal QL64XF-R	1	MTL
50-21-1500			Rear floods (pr)-Unity	1	MTL
50-21-2540	S		FRC telescoping SPECTRA LED 12V flood (ea)	2	MTL
50-21-5100		>	Compartment lighting - LED tube lights in each compartment	1	MTL
			(rollup doors)		
50-21-5500			Door Ajar 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
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			Whelan 64 LED tail/brake-turn-backup module (pr)	1	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
50-31-6560			Ground lighting (LED Lumabar) - 4 door chassis	1	MTL
50-31-6570			Ground lighting (LED Lumabar) - side mount body	1	MTL
50-35-0500	U		Price Adjustment	2	
50-35-051A	U		Provide power and ground for Customer installed radio's	2	
50-35-0559	S		Mobile radio antenna provided by customer	2	MTL
			E		
			BODY		
60-10-1400			Single axle extruded aluminum body	1	MTL
60-10-4100			No "beavertail" rear step supports	1	MTL
60-10-4600			Painted fender surround E	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
			E		
60-11-0500	>		Front right side compartment to top of wheel well	1	MTL
60-11-1000	>		Rear left side compartments full height	1	MTL
			E		
60-11-1100	>		Rear right side compartment to top of wheel well	1	MTL
60-11-2000	>		High side compartment (over 18") each	1	MTL
60-11-3200	>		Full Height Rear compartment	1	MTL
60-11-5500			Rollup door - standard height	3	MTL
60-11-5520			Rollup door - full height	3	MTL
60-31-4100			Extruded aluminum handrails	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
60-31-8700	S	>	Sliding tray (ea) - 400 pound capacity with gas strut	2	MTL
60-31-9600		>	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	S		Chassis wheels not painted - alulminum wheels	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	S		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	2	MTL
60-41-8500			Ladder rack side - 2 sect and roof	1	MTL
			INSTRUMENTATION		
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
70-11-5100			Open storage at rear top of pump house	1	MTL
70-11-5500			Right side tread plate pump access door	1	MTL
70-11-7500			Heat pan-aluminum	1	MTL
70-11-8100			Heater in pump compartment not requested	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	7	MTL
70-20-2500	S		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

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
70-20-6500			Test gauge panel	1	MTL
70-20-7500			Heat exchanger control valve	1	MTL
70-21-5500			Panel readout for Battery Conditioner	1	MTL
			ACCESSORIES	1	MTL
80-11-4000			5" x 10' lightweight suction hose (ea)	2	MTL
80-12-2000			5" barrel strainer	1	MTL
80-13-0500			Rubber mallet	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
80-14-9000	S		Attic ladder bracket (Zico)	1	MTL
80-18-0600			SCBA brkt w/strap - ZICO ULLH - crew cab mount	4	MTL
80-19-0500			Large folding wheel chock - aluminum (ea) not mounted	2	MTL
80-19-0600	S < >		Horizontal bracket for folding wheel chock (ea) Shipped loose with mounting fasteners and hardware.	2	MTL
80-99-15AA	U <		6" female NH to 5" male NH rigid adapter SOPT 334	2	