



Shop Order-00-10-15: Unclassified

Plaster Rock and District Fire Department
 Chief Tim Corbin
 159 Main Street
 Plaster Rock, NB E7G 2H2



Exp. Date: 09/10/2016
Quote No: JPLNB-0004 **Job/Order No:** 19359
BODY: 00-10-15 Metalfab Pumper - ULC 05/13

06/05/2017

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PART NO	S	STN CODE	DESCRIPTION	QTY	ID
			== Metalfab Pumper - ULC 05/13 - 0.000 ==	1	MTL
	S		CHANGE ORDER 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	S		PolyproyleneTank Lifetime Warranty	1	MTL
00-20-2100	S		Plant Inspection Visits	3	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			Maximum height not specified E	1	MTL
10-11-2300			Overall length is less than 30'	1	MTL
10-11-2500			General Construction	1	MTL
10-11-2600	S	<	Preconstruction Meeting at Plaster Rock Fire Hall To be held at the Plaster Rock Fire Hall	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 106	1	MTL
20-11-1500			2013 Emission chassis modifications	1	MTL
20-11-1700			Chassis Motor Vehicle Inspection required - NB E	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
20-21-1520			Helmet warning label - do not wear helmet	1	MTL
20-21-1530			Tire Pressure Indicators - Single Axle	1	MTL
20-21-1600			Apparatus Information Label	1	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
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	S		Chassis cab painted red by chassis OEM	1	MTL
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			Extend exhaust pipe - RS front of rear wheels	1	MTL
			E		
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
20-41-5000			Rear Tow Hooks - under body	1	MTL
20-41-5500			ON SPOT Automatic traction chains	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
20-51-3100			Air inlet not required	1	MTL
20-51-3400			Protection valve installed for air operated accessories	1	MTL
20-51-6200		>	120 volt 20 A shore line connection in chassis cab	1	MTL
20-51-6600			Kussmaul Pump Plus conditioner/compressor	1	MTL
20-51-7100			Electric System Manager	1	MTL
20-51-7500	S		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		
20-60-0400			Chassis wheelbase does not change	1	MTL
20-90-1500	S	>	12 volt power point	1	MTL
20-90-1600	U		Dual USB outlet	1	MTL
			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
30-15-0101			Plumbing - Hale manifold pump TM	1	MTL
			E		
30-20-1000			Valves and controls - top mount panel	1	MTL
30-20-1001			Valve brand not specified	1	MTL
			E		
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 3.031 x 7	1	MTL
30-20-2000			Piping hydrostatic test	1	MTL
30-20-2505			Anodes in suction and discharge piping not requested	1	MTL
30-21-5530			Tank to Pump TM 3" w/ check valve manifold pump	1	MTL
30-22-0510			Tank Fill valve 2" TM	1	MTL
30-31-4010	S		Suction - 6" each side manifold pump	1	MTL
30-31-7200		>	Hale master intake suction valve - electric control	1	MTL
30-32-7500			Suction - 2-1/2" left side, bleeder, Hale manifold pump	1	MTL
30-32-8000			Suction - 2-1/2" right side, bleeder, Hale manifold pump	1	MTL
30-40-2010			4" right discharge TM, plumbed 3", Hale manifold pump	1	MTL
30-41-2010			2-1/2" RS discharge TM, bleeder, Hale manifold pump	1	MTL
30-41-2510			2-1/2" LS discharge TM, bleeder, Hale manifold pump	2	MTL
30-43-1510			2-1/2" rear discharge TM, plumbed 2-1/2", bleeder	1	MTL
30-44-0600			1-1/2" speedlays (each) under walkway, plumbed 2"	2	MTL
30-44-6510			Piping for monitor TM, plumbed 3", bleeder	1	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	1	MTL
			E		
30-51-6640			Class One "TPG Plus" Governor/Throttle	1	MTL
30-51-7000			Suction side relief V/V, manifold pump	1	MTL
30-51-7001	U		Suction side relief V/V, with Hale MIV	1	
30-51-7700			Primer Hale oil less ESP with oil tank Hale	1	MTL
30-51-7788	U		Pre-primer not requested	1	
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
30-52-4010			Foam System - Hypro FoamPro 1600	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	S		Polypropylene water tank (Imperial gallons)	1	MTL
40-11-2200			Water tank capacity certification (tank manufacturer)	1	MTL
40-11-5500	S		Tank capacity 1200 Imperial Gallons	1	MTL
40-12-4500	S		Foam cell - 20 Imperial 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
40-30-0400			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	1	MTL
40-31-6050			Rear fill not requested	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	S		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
50-11-5810	S	>	Federal light package	1	MTL
50-11-5812	U		Federal LPX53-DS NFPA led lightbar	1	
50-11-6501			Rear Directional Light not required	1	MTL
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
50-21-1505	U		Unity LED rear floods (pr)	1	
50-21-2525	U		FRC telescoping SPECTRA LED 12V flood (ea)	2	
50-21-3010	S	< >	Remote control electric spot (ea) Visibeam	1	MTL
			Install on the chassis cab roof right side as shown on the proposal drawing - install on a custom bracket so it is raised to clear light bar.		
50-21-5100		>	Compartment lighting - LED tube lights in each compartment (rollup doors)	1	MTL
50-21-5500			Door Ajar warning light	1	MTL
50-21-8001			Step lights for body steps - 4" LED	1	MTL
50-21-8110			Step lights for walkway - 4" LED	1	MTL
50-21-8200	U		Step lights for chassis steps - 12" Lumabar (4)	1	
50-21-8600			LED clearance lts and reflectors	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	2	MTL
			Mount on each upper side corner of the body		

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
50-31-6010			Scene light boxes (pr) - tread plate	2	MTL
50-31-6550			Ground lighting (LED Lumabar) - 2 door chassis	1	MTL
50-31-6580			Ground lighting (LED Lumabar) - top mount body	1	MTL
50-31-65AA	U	<	Hose bed cover lighting - 40" LED Lumabar x 4 3 x 20" Lumabars SOPT 958	1	
50-35-0560	S		VHF antenna with base - commercial chassis	1	MTL
50-35-10AA	U	<	Supply and Install a Kenwood TK-7180H radio Install in console 20-31-7500. To be programmed to Customer's requirements. SOPT in truck file	1	
			The Fire Department will supply a list of frequencies.		
			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	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
60-11-0100		>	Front left side compartment to top of wheel well	1	MTL
60-11-0500		>	Front right side compartment to top of wheel well	1	MTL
60-11-0800		>	Rear left side compartment to top of wheel well	1	MTL
60-11-1100		>	Rear right side compartment to top of wheel well	1	MTL
60-11-2000		>	High side compartment (over 18") each	4	MTL
60-11-3200		>	Full Height Rear compartment	1	MTL
60-11-5500			Rollup door - standard height	8	MTL
60-11-5520			Rollup door - full height	1	MTL
60-31-4100			Extruded aluminum handrails	1	MTL
60-31-5500			Steps at rear of body (folding)	1	MTL
60-31-5600	S		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	4	MTL
60-31-9600	S	>	Adjustable shelf (ea)	2	MTL
60-32-3560			Three 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	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
60-33-4600	S		Aluminum cover over speedlays - with end tarps (black)	1	MTL
60-33-5000			Aluminum cover over hose bed with end tarps - black E	1	MTL
60-40-5500			Suction hose tube (each) with door	2	MTL
60-40-60AA	U		Tarp over pump panel - black	1	
60-40-8500		>	Tail light box Fire Extinguisher tubes (pr)	1	MTL
60-41-1000			Pike Pole tube with door	2	MTL
60-41-1500			Attic ladder tube with rear door	1	MTL
60-41-8500	S		Ladder rack side - 2 sect and roof	1	MTL
			INSTRUMENTATION	1	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
70-11-0000			Warning Label on Pump Operator's Panel	1	MTL
70-11-1500			<i>Stainless steel instrument panels</i>	1	MTL
70-11-2000			<i>Top mount instrument panel</i>	1	MTL
70-11-2500			<i>Transverse walkway</i>	1	MTL
70-11-2600			<i>Tread plate overlay on back of chassis cab</i>	1	MTL
70-11-3000			<i>Mansaver bars - 22"</i>	1	MTL
70-11-3200			<i>Colour coded tags</i>	1	MTL
70-11-3501			<i>Compartments in ends of walkway not required</i>	1	MTL
70-11-4500			<i>Diamondback grip type panel hood step right side</i>	1	MTL
70-11-4600			<i>Diamondback grip type panel hood step left side</i>	1	MTL
70-11-52AA	U	<	<i>End doors and hinged cover for dunnage over pump house</i> SOPT 146 Doors to have switch wired to door ajar light in cab Compartment to be lit to meet ULC Two hinged covers over compartment one on either side of monitor/piping Top cover will be hinged at front.	1	
70-11-5500			<i>Right side tread plate pump access door</i>	1	MTL
70-11-5600			<i>Left side tread plate pump access door</i>	1	MTL
70-11-5700			<i>Transverse 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
70-20-1500			<i>2-1/2" pressure gauge - dual face 0-600</i>	8	MTL
70-20-2500			Primer control	1	MTL
70-20-3100			<i>Class One Governor Control</i>	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			<i>Heat exchanger control valve</i>	1	MTL
70-21-1600	S		<i>Electric Foam Level gauge not requested</i>	1	MTL
70-21-5500	S		<i>Panel readout for Battery Conditioner</i>	1	MTL
71-21-3500		<	<i>Headset compartment</i> Will house the David Clark Headset and connection (ref 50-35-99AA) ****Locate on transverse pump operators panel****	1	MTL
71-21-3520	U	<	<i>Supply and install a David Clark Headset, style H3340 on pump panel</i> SOPT 894 Wired to headset compartment 71-21-3500	1	
			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
80-12-4500		>	<i>6" low level strainer with 1-1/2" venturi connection</i>	2	MTL
80-13-0500			<i>Rubber mallet</i>	1	MTL
80-13-1000		<	<i>Hose wrenches (double) with holder</i> Mount on each side pump panel where space permits	2	MTL
80-13-1100		<	<i>Hose wrenches (triple) with holder</i> Mount on rear of unit where space permits	1	MTL
80-13-1500		<	<i>Bar with bracket</i> Mount on rear bumper	1	MTL
80-13-4000		<	<i>Axe, pick head, fibreglass handle and bracket</i> Mount on side walls in rear compartment	1	MTL
80-13-4500		<	<i>Axe, flat head, fibreglass handle and bracket</i> Mount on side walls in rear compartment	1	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
80-14-0500			24' 2 section extension ladder PEL 24	1	MTL
80-14-5500			14' aluminum roof ladder PRL-14	1	MTL
80-14-7500			Padded ladder boot - 2 section and roof ladder	1	MTL
80-14-8500			10' aluminum folding attic ladder FL-10	1	MTL
80-16-0500			Akron 3423 Portable/deck monitor with stacked tips	1	MTL
80-16-1500			Akron 2581 gated wye	1	MTL
80-17-0500	S	<	20# dry chemical fire extinguisher Mount in extinguisher box on rear bumper	1	MTL
80-17-1000	S	<	15# CO2 fire extinguisher Mount in extinguisher box on rear bumper	1	MTL
80-18-0500	S	<	SCBA bracket with strap - compt mount Mount three (3) per high side compartment for one (1) SCBA Quick Swing Down brackets (80-199-05AA) and two (2) spare bottles on back wall as shown on the proposal drawing. Customer SCBA dimensions are 12" wide x 22-1/2" high x 10" deep	12	MTL
80-19-0500	S		Large folding wheel chock - aluminum (ea)	2	MTL
80-19-0600		>	Horizontal bracket for folding wheel chock (ea)	2	MTL
80-99-05AA	U		Zico QSD SCBA Bracket (ea)	4	
80-99-10AA	U	<	Pull down straps for Amdor rollup doors For the four roll up doors on left side - mount so as to not interfere with the SCBA Quick Swing Down brackets Amdor Flex HD Pull straps - AY-9355-18	4	