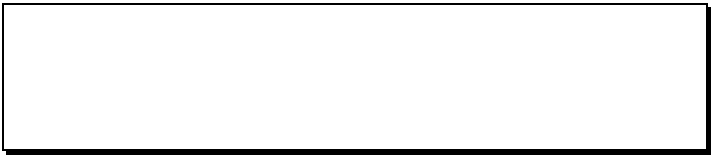




Shop Order-00-10-15: Unclassified

Village of Centreville  
 Andrea Callahan  
 836 Central St  
 Centreville, NB E7K 2E7



**Exp. Date:** 07/01/2016  
**Quote No:** JCENB-0012      **Job/Order No:** 19195  
**BODY:** 00-10-15      Metalfab Pumper - ULC 05/13

03/17/2017

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PART NO	S	STN CODE	DESCRIPTION	QTY	ID
			<b>== Metalfab Pumper - ULC 05/13 - 0.000 ==</b>	<b>1</b>	<b>MTL</b>
			<b>CHANGE ORDER B</b>	<b>1</b>	<b>MTL</b>
00-10-1500	S		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
<b>00-20-1700</b>			<b>Hale Pump Warranty - 5 years</b>	<b>1</b>	<b>MTL</b>
<b>00-20-1800</b>	S		<b>Polypropylene Tank Lifetime Warranty</b>	<b>1</b>	<b>MTL</b>
<b>00-20-2100</b>	S		<b>Plant Inspection Visits</b>	<b>1</b>	<b>MTL</b>
<b>00-20-3000</b>	S		<b>No Bonding Requested</b>	<b>1</b>	<b>MTL</b>
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
<b>10-11-1100</b>	S		<b>ELC S515-13 Compliance</b>	<b>1</b>	<b>MTL</b>
10-11-1500		>	ULC Testing - Pumper	1	MTL
<b>10-11-2100</b>	S		<b>Maximum length - 28' or 336"</b>	<b>1</b>	<b>MTL</b>
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
<b>10-11-2600</b>	S		<b>Preconstruction Meeting</b>	<b>1</b>	<b>MTL</b>
<b>10-11-3000</b>			<b>Manuals - two copies</b>	<b>1</b>	<b>MTL</b>
<b>10-11-3600</b>	S	>	<b>Delivery - FOB Fire Department</b>	<b>1</b>	<b>MTL</b>
<b>10-11-4200</b>	S		<b>Payment Terms - Chassis and Body COD</b>	<b>1</b>	<b>MTL</b>
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
<b>20-11-1000</b>	S		<b>Chassis supplied by Metalfab - Freightliner M2 106</b>	<b>1</b>	<b>MTL</b>
20-11-1500			2013 Emission chassis modifications	1	MTL
<b>20-11-1700</b>	S		<b>Chassis Motor Vehicle Inspection required - dated month of delivery</b>	<b>1</b>	<b>MTL</b>
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
<b>20-21-1530</b>			<b>Tire Pressure Indicators - Single Axle</b>	<b>1</b>	<b>MTL</b>
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
20-21-3500			Rear step warning label	1	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
20-21-3810			<b>Front mudflaps provided with chassis</b>	1	MTL
			<b>E</b>		
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			<b>Alum tread fuel tank trim, Conv - 2 door</b>	1	MTL
20-31-1900	S		<b>Chassis cab painted by chassis OEM</b>	1	MTL
20-31-7500	S		<b>Console in cab</b>	1	MTL
20-41-0600			Intake air shutoff for engine not required	1	MTL
20-41-0900			<b>Auxiliary braking system disabled when pumping</b>	1	MTL
20-41-1100			Transmission programming - Allison WT	1	MTL
20-41-1500			Extend exhaust pipe - RS front of rear wheels	1	MTL
			<b>E</b>		
20-41-1900			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
20-41-5010			<b>Rear Tow Hooks - through rear of body</b>	1	MTL
20-51-0710			<b>Master Battery Disconnect included with Freightliner chassis</b>	1	MTL
20-51-2500			<b>Back up alarm included with chassis</b>	1	MTL
20-51-3400			Protection valve installed for air operated accessories	1	MTL
20-51-4000			<b>Auto eject for air inlet - LS</b>	1	MTL
20-51-5600			<b>Flashing headlights w/ daytime running lights</b>	1	MTL
20-51-6200	S	>	<b>120 volt 20 A shore line receptacle</b>	2	MTL
20-51-6500			<b>Kussmaul Autocharge 1000 battery conditioner w/battery saver</b>	1	MTL
20-51-7100			Electric System Manager	1	MTL
20-51-7500			<b>Super Auto eject for 120 v - 20 A with sealed enclosure</b>	1	MTL
20-51-8510	U		<b>Engine compartment lights - LED (pr)</b>	1	
20-51-9001	S		<b>Air horns with chassis - hood mounted with dual lanyard controls</b>	1	MTL
20-52-3500		>	<b>Chassis steering wheel lined up by Metalfab</b>	1	MTL
			<b>E</b>		
20-52-4000	S		<b>Rear View Camera system</b>	1	MTL
20-60-0400			Chassis wheelbase does not change	1	MTL
20-99-05AA	U	<	<b>Air horn control on pump panel</b>	1	
			<b>SOPT 475</b>		
			<b>PUMP AND PLUMBING</b>	1	MTL
30-11-3010	S		<b>Hale RSD pump/plumbing package</b>	1	MTL
30-11-30AA	U		<b>Hale RSD PTO pump - 1050 IGPM</b>	1	
30-15-0303			<b>Plumbing - non manifold pump SM</b>	1	MTL
			<b>E</b>		
30-20-0500			Valves and controls - side mount panel	1	MTL
30-20-1001			Valve brand not specified	1	MTL
					E
30-20-1640			<b>Piping galvanized steel - MG/DSD pump</b>	1	MTL
30-20-1700	S		<b>1-1/2" thread specifications - NPSH</b>	1	MTL
30-20-1800	S		<b>2-1/2" thread specifications - BCT</b>	1	MTL
30-20-2000			Piping hydrostatic test	1	MTL
30-20-2505			<b>Anodes in suction and discharge piping not requested</b>	1	MTL
30-21-9500			<b>Tank to Pump 4" Ball valve, handwheel control with check valve manifold pump</b>	1	MTL
30-22-0500			<b>Tank Fill valve 2"</b>	1	MTL
30-31-4000	S		<b>Suction - 6" each side non manifold pump 6" header</b>	1	MTL
30-31-7100		>	<b>Hale master intake suction valve - handwheel control</b>	2	MTL
30-32-7520			<b>Suction - 2-1/2" left side, bleeder, non manifold pump</b>	1	MTL
30-40-2006			<b>4" right discharge, plumbed 3", non manifold pump</b>	1	MTL
30-41-2006			<b>2-1/2" RS discharge, bleeder, non manifold pump</b>	1	MTL
30-41-2506			<b>2-1/2" LS discharge, bleeder, non manifold pump</b>	2	MTL
30-42-8500	S		<b>1-1/2" rear discharge, plumbed 2"</b>	2	MTL
30-43-1500			<b>2-1/2" rear discharge, plumbed 2-1/2", bleeder</b>	2	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
30-51-0400			<i>Pump shift - PTO Pump and Roll</i>	1	MTL
30-51-1500			<i>Power shift PTO - Automatic transmission</i>	1	MTL
30-51-1501			<i>PTO driveshaft</i> E	1	MTL
30-51-6800			<i>FRC InControl Governor/Throttle engine display with throttle knob</i>	1	MTL
30-51-701A	U		<i>Suction side relief valve for MIV</i>	2	
30-51-8100			<i>Heat exchanger included with chassis</i>	1	MTL
30-52-1000			Master drain V/V, 12 port	1	MTL
30-52-2000			<i>Drain valve for foam system header</i>	1	MTL
30-52-5510			<i>Foam system-Hypro FoamPro 2001 Single Tank</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
30-99-06AA	U <		<i>Trident automatic air primer - 3 location, 3 barrel</i> SOPT 586 Additional air tank provided with the chassis	1	
			WATER AND FOAM TANKS		
40-11-2100	S		<i>Ultra-Tank water tank (Imperial gallons)</i>	1	MTL
40-11-2200			Water tank capacity certification (tank manufacturer)	1	MTL
40-11-5500	S		<i>Tank capacity 1200 Imperial Gallons</i>	1	MTL
40-12-4500	S		<i>Foam cell - 20 Imperial gallon</i>	1	MTL
40-21-1000			<i>4" tank to pump connection</i>	1	MTL
40-22-0500			<i>2" tank fill connection</i>	1	MTL
40-23-0500			1" water level gauge connection	1	MTL
40-23-1040	S		<i>4" direct fill connection for 40-31-99AA</i>	1	MTL
40-23-1060	S		<i>10" Newton dump connection for 40-99-05AA</i>	1	MTL
40-30-0500	S		<i>Sump drain valve (3" quarter turn valve)</i>	1	MTL
40-30-1000			Water Fill Box front left corner	1	MTL
40-31-99AA	U <		<i>4" Storz Tank fill, right side panel, 3" valve with slow close</i> SOPT Pull/push control located adjacent to fill inlet Include bleeder valve near the fill connection	1	
40-99-05AA	U <		<i>Dump valve provision only - capped</i> SOPT 143 Cutout in back wall of back compartment complete with a bolt on cover plate.	1	
			ELECTRICAL		
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			<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			Siren speaker, 100 watt, in front bumper	1	MTL
50-11-2600			<i>Siren to be accessible to driver and officer</i>	1	MTL
50-11-5810	S >		<i>Federal lighting package</i>	1	MTL
50-11-58AA	U < >		<i>Federal LPX53-DS NFPA led lightbar</i> SOPT 798	1	
50-11-7600	S		<i>LED Traffic Advisor warning lights - TAM83 - surface mount</i>	1	MTL
50-11-9010	U		<i>Rear beacons, Federal NVG10 (pr), both red</i>	1	
50-12-5020			Front 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 <		<i>Unity LED Rear Flood lights (pr)</i> SOPT 255a	1	

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
50-21-1610	U	<	<b>Parking ditch lights in rear fenders - LED w/ SS housing (pr)</b> SOPT 160a Switched in cab and interlocked with reverse gear of transmission	1	
50-21-2540	U		<b>FRC Telescoping SPECTRA LED 12V flood (ea)</b>	2	
50-21-5100		>	Compartment lighting - LED tube lights in each compartment (rollup doors)	1	MTL
50-21-5500			<b>Door Ajar warning light</b>	1	MTL
50-21-5550			<b>Equipment rack not stowed warning light</b>	1	MTL
50-21-8001			<b>Step lights for body steps - 4" LED</b>	1	MTL
50-21-8200	U		<b>12" Lumabar LED step lights for two door chassis</b>	1	
50-21-8600			LED clearance lts and reflectors	1	MTL
50-22-0800			<b>Federal 4 QuadraFlare LED tail/brake-turn-backup-warning module (pr)</b>	1	MTL
50-31-6010	S		<b>Scene light boxes (pr) - painted plate</b>	2	MTL
50-31-6550			<b>Ground lighting (LED Lumabar) - 2 door chassis</b>	1	MTL
50-31-6570			<b>Ground lighting (LED Lumabar) - side mount body</b>	1	MTL
50-31-65AA	U		<b>Hose bed lighting - LED on front partition (ULC requirement)</b>	1	
50-35-0500			<b>Installation of customer supplied mobile radio</b>	1	MTL
50-35-0560			<b>VHF antenna with base - commercial chassis</b>	1	MTL
50-99-05AA	U	<	<b>Whelen M6 LED Scene lights - Model M6ZC (pr)</b> SOPT 1008	3	
			BODY	1	MTL
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
60-11-0300		>	<b>Front left side compartments full height</b> E	1	MTL
60-11-0600		>	<b>Front right side compartments intermediate height</b>	1	MTL
60-11-1000		>	<b>Rear left side compartments full height</b> E	1	MTL
60-11-1300		>	<b>Rear right side compartments intermediate height</b>	1	MTL
60-11-1900		< >	<b>Low side compartment (up to 18") each</b> Right side with a roll up door Minimum interior height 12"	1	MTL
60-11-2000		< >	<b>High side compartment (over 18") each</b> Left side	1	MTL
60-11-3200		>	Full Height Rear compartment	1	MTL
60-11-5500			<b>Rollup door - standard height</b>	2	MTL
60-11-5510			<b>Rollup door - intermediate height</b>	2	MTL
60-11-5520			<b>Rollup door - full height</b>	3	MTL
60-11-5530			<b>Rollup door - to enclose pump panel</b>	1	MTL
60-31-4100			<b>Extruded aluminum handrails</b>	1	MTL
60-31-5500			<b>Steps at rear of body (folding)</b>	1	MTL
60-31-5600			<b>Steps and grab handles at front of body next to pump panel</b>	1	MTL
60-31-5800	S		<b>Special step over rear compartment</b>	1	MTL
60-31-6500			Compartment matting-Turtle tile	1	MTL
60-31-8800	S	>	<b>Sliding tray (ea) - 600 pound capacity</b>	4	MTL
60-31-9600	S	>	<b>Adjustable shelf (ea)</b>	8	MTL
60-32-3570	S		<b>Four hose dividers - 2 adjustable, 2 fixed</b>	1	MTL
60-32-7500	S		<b>Hose bed - aluminum</b>	1	MTL
60-33-0000			<b>Paint exterior - Imron Elite</b>	1	MTL
60-33-0200			Undercoat vehicle with KROWN rust protection	1	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
60-33-0600			<i>Chassis wheels not painted</i>	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			<i>Lettering - 80 letters up to 3" tall - 3 colour</i>	1	MTL
60-33-3100			<i>Reflective stripe - 6" white</i>	1	MTL
60-33-311A	U		<i>"S" ribbon and special graphics in striping</i>	1	
60-33-3310			<i>Reflective stripe - red and yellow chevron at rear</i>	1	MTL
60-33-3500	S		<i>Tarp over hose bed - black</i>	1	MTL
60-33-4700			<i>No crosslay preconnects on vehicle</i>	1	MTL
			<i>E</i>		
60-40-4500	<		<i>6" Hose tray - side mount (ea)</i> Install on Zico Ladder Rack - for 10' suction hose 80-11-5000.	1	MTL
60-40-5500	<		<i>Suction hose tube (each) with door</i> To be completely enclosed For 13' suction hoses 80-11-50AA Smooth painted doors with lift and turn latch, chevron applied to doors Door to be wired to door ajar warning light	2	MTL
60-40-8500	>		<i>Tail light box Fire Extinguisher tubes (pr)</i>	2	MTL
60-40-851A	U <		<i>Adjustment bracket 1006-Y to hold extinguisher in tube</i> 60-40-8500 SOPT 1007	2	
60-41-1015			<i>Pike Pole tube in suction hose tube</i>	2	MTL
60-41-1500			<i>Attic ladder tube with rear door</i>	1	MTL
60-41-9000	>		<i>Zico electric Ladder Access system</i>	1	MTL
60-41-9010	S		<i>ZICO LAS switched at right side pump panel</i>	1	MTL
60-41-9100			<i>Manual locking system for LAS</i>	1	MTL
60-99-05AA	U <		<i>Bar Storage Tube</i> There shall be a storage tube for the bar 80-13-1500 located under the right side fender top adjacent to the attic ladder.	1	
			INSTRUMENTATION	1	MTL
70-11-0000			Warning Label on Pump Operator's Panel	1	MTL
70-11-0501	S		<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			<i>Diamondback grip type panel hood step right side</i>	1	MTL
70-11-5100			<i>Open storage at rear top of pump house</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
70-20-1500	S <		<i>2-1/2" pressure gauge - dual face 0-300</i> Pressure to be 0-300 PSI Gauge to be no more than 6" from edge of the gauge to the center of the control.	8	MTL
70-20-3300			<i>FRC InControl Governor Control</i>	1	MTL
70-20-3500			Electric water level gauge on pump panel, Class One	1	MTL
70-20-3610			<i>Remote PSTANK water level indicators each side, rear with driver</i> <i>E</i>	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
70-21-2100	>		<i>PTO Hourmeter</i>	1	MTL
70-21-5500			<i>Panel readout for Battery Conditioner</i>	1	MTL
70-99-10AA	U <		<i>Firecom wireless headset - UHW-1</i> SOPT 342 - Custom Communications will wire in interface, etc.	1	

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
			Headset not mounted, shipped loose - to be mounted by Customer		
71-21-3100		>	Transmission warning light (automatic transmission)	1	MTL
			ACCESSORIES	1	MTL
80-11-5000			6" x 10' lightweight suction hose (ea)	1	MTL
80-11-50AA	U	<	13' long suction hose	2	
			SOPT 727		
			Tube mounted		
80-12-2500			6" barrel strainer	1	MTL
80-12-2700			6" floating strainer	1	MTL
80-12-4500	S	>	6" low level strainer with 1-1/2" venturi connection	1	MTL
80-13-0500			Rubber mallet	1	MTL
80-13-1000		<	Hose wrenches (double) with holder	3	MTL
			Mount on each side panel and on rear of truck where space permits		
80-13-1500	S		Bar 52" long	1	MTL
80-13-2500			Pike pole, fibreglass handle - 10' long	1	MTL
80-13-2510			Pike pole, fibreglass handle - 6' long	1	MTL
80-13-4000	S		Axe, pick head, fibreglass handle and bracket	1	MTL
80-13-4500	S		Axe, flat head, fibreglass handle and bracket	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
80-14-8500			10' aluminum folding attic ladder FL-10	1	MTL
80-17-0500			20# dry chemical fire extinguisher and mount	1	MTL
80-17-1000			15# CO2 fire extinguisher and mount	1	MTL
80-99-10AA	U	<	6" 45-degree suction elbow	1	
			SOPT 584		
			Not mounted, shipped loose - to be mounted by Customer		