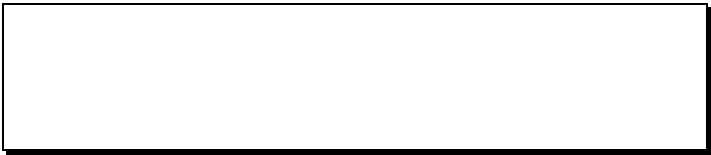




Shop Order-00-10-15: Unclassified

Pomquet Fire Department  
 360 Daggerwoods Road  
 Antigonish, NS B0H 1R0  
 pielizfire@eastlink.ca



**Exp. Date:** 12/25/2015  
**Quote No:** 10205-0015      **Job/Order No:** 19162  
**BODY:** 00-10-15      Metalfab Pumper - ULC 05/13

03/08/2017

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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 C</b>	<b>1</b>	<b>MTL</b>
00-10-1500	S		Metalfab Pumper	1	MTL
00-20-1000			Company Profile	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
<b>00-20-1800</b>	<b>S</b>		<b>Polypropylene Tank Lifetime Warranty</b>	<b>1</b>	<b>MTL</b>
00-20-2000			Plant Visits - unlimited at customer expense	1	MTL
<b>00-20-3000</b>	<b>S</b>		<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	1	MTL
10-11-0105			Vehicle Data Recorder not requested	1	MTL
<b>10-11-1100</b>	<b>S</b>		<b>ELC S515-13 Compliance</b>	<b>1</b>	<b>MTL</b>
10-11-1500		>	ULC Testing - Pumper	1	MTL
10-11-2100			Maximum length not specified	1	MTL
10-11-2200			Maximum height not specified	1	MTL
10-11-2300			Overall length is less than 30'	1	MTL
10-11-2500			General Construction	1	MTL
<b>10-11-3000</b>			<b>Manuals - two copies</b>	<b>1</b>	<b>MTL</b>
<b>10-11-3600</b>	<b>S</b>	>	<b>Delivery - FOB Fire Department</b>	<b>1</b>	<b>MTL</b>
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
<b>20-11-1000</b>	<b>S</b>		<b>Chassis supplied by Metalfab - Two door Freightliner M2 106</b>	<b>1</b>	<b>MTL</b>
20-11-1500			2013 Emission chassis modifications	1	MTL
<b>20-11-1600</b>	<b>S</b>		<b>Chassis Motor Vehicle Inspection as provided by dealership (Nova)</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	1	MTL
20-21-3500			Rear step warning label	1	MTL
<b>20-21-3810</b>			<b>Front mudflaps provided with chassis</b>	<b>1</b>	<b>MTL</b>
			E		

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
20-21-4000			Rear mudflaps - Metalfab Logo	1	MTL
20-31-0200			Fuel fill label -Ultra Low Sulfur Diesel only	1	MTL
<b>20-31-0500</b>			<b>Alum tread fuel tank trim, Conv - 2 door</b>	<b>1</b>	<b>MTL</b>
<b>20-31-1900</b>	<b>S</b>		<b>Chassis cab painted by Freightliner - single color - white</b>	<b>1</b>	<b>MTL</b>
<b>20-31-7500</b>			<b>Console in cab</b>	<b>1</b>	<b>MTL</b>
<b>20-41-0600</b>	<b>S</b>		<b>Intake air shutoff for engine not requested</b>	<b>1</b>	<b>MTL</b>
<b>20-41-0900</b>			<b>Auxiliary braking system disabled when pumping</b>	<b>1</b>	<b>MTL</b>
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		
20-41-2000			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
<b>20-41-5100</b>			<b>Rear Tow Hook - pintle hook</b>	<b>1</b>	<b>MTL</b>
			E		
<b>20-41-5500</b>	<b>S</b>		<b>ON SPOT Automatic traction chains</b>	<b>1</b>	<b>MTL</b>
<b>20-51-0710</b>			<b>Master Battery Disconnect included with Freightliner chassis</b>	<b>1</b>	<b>MTL</b>
<b>20-51-2500</b>			<b>Back up alarm included with chassis</b>	<b>1</b>	<b>MTL</b>
20-51-3400			Protection valve installed for air operated accessories	1	MTL
<b>20-51-4000</b>			<b>Auto eject for air inlet - LS</b>	<b>1</b>	<b>MTL</b>
<b>20-51-6200</b>	<b>S</b>	<b>&gt;</b>	<b>120 volt 20 A shore line connection</b>	<b>2</b>	<b>MTL</b>
<b>20-51-6500</b>			<b>Kussmaul Autocharge 1000 battery conditioner w/battery saver</b>	<b>1</b>	<b>MTL</b>
<b>20-51-7100</b>	<b>S</b>		<b>Electric System Manager</b>	<b>1</b>	<b>MTL</b>
<b>20-51-7500</b>			<b>Super Auto eject for 120 v - 20 A with sealed enclosure</b>	<b>1</b>	<b>MTL</b>
<b>20-51-8500</b>			<b>Engine compartment lights (pair)</b>	<b>1</b>	<b>MTL</b>
<b>20-51-9001</b>	<b>S</b>		<b>Air horns - as supplied with chassis (on hood, dual lanyards)</b>	<b>1</b>	<b>MTL</b>
<b>20-52-3500</b>		<b>&gt;</b>	<b>Chassis steering wheel lined up by Metalfab</b>	<b>1</b>	<b>MTL</b>
			E		
<b>20-52-4000</b>	<b>S</b>		<b>Rear View Camera system</b>	<b>1</b>	<b>MTL</b>
20-60-0400			Chassis wheelbase does not change	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
<b>30-15-0104</b>			<b>Plumbing - Hale manifold pump SM SS</b>	<b>1</b>	<b>MTL</b>
			E		
30-20-0500			Valves and controls - side mount panel	1	MTL
<b>30-20-1001</b>			<b>Valve brand not specified</b>	<b>1</b>	<b>MTL</b>
			E		
<b>30-20-1600</b>			<b>Piping stainless steel - general</b>	<b>1</b>	<b>MTL</b>
<b>30-20-1700</b>	<b>S</b>		<b>1-1/2" thread specifications - Storz</b>	<b>1</b>	<b>MTL</b>
<b>30-20-1800</b>	<b>S</b>	<b>&lt;</b>	<b>2-1/2" thread specifications - Storz</b>	<b>1</b>	<b>MTL</b>
			Threads to be NSST with Storz adapter to allow use of both		
			Thread confirmed at pre construction meeting		
30-20-2000			Piping hydrostatic test	1	MTL
<b>30-20-2500</b>			<b>Anodes in suction and discharge piping</b>	<b>1</b>	<b>MTL</b>
<b>30-21-5560</b>			<b>Tank to Pump SS 3" w/ check valve manifold pump</b>	<b>1</b>	<b>MTL</b>
<b>30-22-0520</b>			<b>Tank Fill valve 2" SS</b>	<b>1</b>	<b>MTL</b>
<b>30-31-4010</b>			<b>Suction - 6" not gated each side manifold pump</b>	<b>1</b>	<b>MTL</b>
<b>30-31-7100</b>		<b>&lt; &gt;</b>	<b>Hale master intake suction valve - handwheel control</b>	<b>2</b>	<b>MTL</b>
			Suction to be gated is right and left 6" intakes		
			Both controls to be on left pump panel		
<b>30-32-7530</b>			<b>Suction - 2-1/2" left side SS, bleeder, Hale manifold pump</b>	<b>1</b>	<b>MTL</b>
<b>30-40-2020</b>			<b>4" right discharge SS, plumbed 3", Hale manifold pump</b>	<b>1</b>	<b>MTL</b>
<b>30-41-2020</b>			<b>2-1/2" RS discharge SS, bleeder, Hale manifold pump</b>	<b>1</b>	<b>MTL</b>
<b>30-41-2520</b>			<b>2-1/2" LS discharge SS, bleeder, Hale manifold pump</b>	<b>2</b>	<b>MTL</b>
<b>30-43-1520</b>			<b>2-1/2" rear discharge SS, plumbed 2-1/2", bleeder</b>	<b>1</b>	<b>MTL</b>
30-51-0500			Pump shift-Midship air	1	MTL
30-51-0700			Pump Gearbox mounted manual over ride for pump shift	1	MTL
			E		

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
30-51-6640			<b>Class One "TPG Plus" Governor/Throttle</b>	1	MTL
30-51-7000			<b>Suction side relief V/V, manifold pump</b>	2	MTL
30-51-8100			<b>Heat exchanger included with chassis</b>	1	MTL
30-52-1000			Master drain V/V, 12 port	1	MTL
30-52-2000			<b>Drain valve for foam system header</b>	1	MTL
30-52-5510			<b>Foam system-Hypro FoamPro 2001 Single Tank</b>	1	MTL
30-52-8100			<b>Electric foam fill pump with panel pickup</b>	1	MTL
30-52-9100			<b>Foam concentrate label at foam tank fill</b>	1	MTL
30-52-9200			<b>Foam System Instruction Plates</b>	1	MTL
30-52-9400			<b>NFPA Foam System certification test</b>	1	MTL
30-99-05AA	U	<	<b>1.75" preconnects in fender hose well</b> ***No tray *** Short vertical hose rollers will be installed at each end of the door opening Capacity for 200 feet of 1-3/4" hose and nozzle is required	2	
30-99-06AA	U	<	<b>Trident Automatic air primer - 3 location</b> SOPT 710 An additional air tank (1580843) shall be installed, complete with DV2 type Auto drain (1580388)	1	
			WATER AND FOAM TANKS	1	MTL
40-11-2100	S		<b>Polypropylene water tank (Imperial gallons)</b>	1	MTL
40-11-2200			Water tank capacity certification (tank manufacturer)	1	MTL
40-11-5000	S		<b>Tank capacity 1000 Imperial Gallons</b>	1	MTL
40-12-4500	S		<b>Foam cell - 20 Imperial gallon</b>	1	MTL
40-13-0100	S	>	<b>Through the tank tunnel - up to 1200 gallon tank</b>	1	MTL
40-21-0500			<b>3" tank to pump connection</b>	1	MTL
40-22-0500			<b>2" tank fill connection</b>	1	MTL
40-23-0500			<b>1" water level gauge connection</b>	1	MTL
40-23-1000			<b>1" foam level gauge connection</b>	1	MTL
40-23-1040			<b>4" direct fill connection</b>	1	MTL
40-23-1060			<b>10" Newton dump connection</b>	1	MTL
40-30-0500			<b>Sump drain valve (3" gate valve) with linkage</b> E	1	MTL
40-30-1000			Water Fill Box front left corner	1	MTL
40-31-3500			<b>10" rear Newton dump, stainless steel</b>	1	MTL
40-31-3600			<b>Newton dump - stainless steel 36" telechute</b>	1	MTL
40-31-5500			<b>Electric operator for Newton dump</b>	1	MTL
40-31-55AA	U		<b>Additional switch for dump valve in cab console</b>	1	
40-31-5600	U	<	<b>SS Swivel Rotating dump chute with lock</b> SOPT 2	1	
40-31-8000			<b>4" Storz rear gtd fill</b>	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			<b>Rocker switch panel with master warning switch</b>	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			<b>Siren to be accessible to driver and officer</b>	1	MTL
50-11-5811		>	<b>Federal 46" Vision LED light bar RRWRWRR</b>	1	MTL
50-11-7600			<b>Rear LED Signal Master warning lights</b>	1	MTL
50-11-901A	U		<b>Rear Beacons, Federal NVG10 (pr), both red</b>	1	
50-12-502A	U		<b>Front LED flashers (pr) - Red Federal IMPAXX</b>	1	
50-12-511A	U		<b>Rear LED flashers (pr) - Red Federal IMPAXX</b>	1	
50-12-521A	U		<b>Front side inter lts LED (pr) - Red Federal IMPAXX</b>	1	
50-12-531A	U		<b>Body side inter lts LED (pr) - Red Federal IMPAXX</b>	1	

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
50-21-15AA	U	<	Unity LED rear floods (pr) SOPT 255a	1	
50-21-5100		>	Compartment lighting - LED tube lights in each compartment (rollup doors)	1	MTL
50-21-5500	S		Door Ajar warning light	1	MTL
50-21-5550	S		Equipment rack not stowed warning light	2	MTL
50-21-8001			Step lights for body steps - 4" LED	1	MTL
50-21-82AA	U	<	12" Lumabar LED step lights for two door chassis (4 total required) SOPT 194A	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
50-31-6010	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
50-35-0500	S		Installation of customer supplied mobile radio	2	MTL
50-35-0559	S		Mobile radio antenna provided by customer E	1	MTL
50-99-05AA	U	<	Command Light Knight series - 12V LED Special Option 325 Model KL514D-FS Mounted in open storage over pump house 70-11-5100 Control to be mounted on left side pump panel with in easy access to pump operator.	1	
50-99-16AA	U		Lighting for Zico access ladder at rear to meet ULC	1	
50-99-20AA	U	<	Parking Ditch lights in rear fenders (LED) w/ stainless housing (pr) Switched in cab and interlocked w/reverse gear of transmission. SOPT 160a	1	
50-99-45AA	U	<	Hose bed cover lights - 4 x 40" Lumabars Two on each cover, wired to come on when covers are raised and wired to the door ajar warning light in cab SOPT 209	1	
50-99-50AA	U	<	Whelen M6ZC LED Scene lights with M6FC chrome bezel (pr) Switched in cab (Left side, Right side and Rear) SOPT	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
60-11-0200		>	Front left side compartments intermediate height	1	MTL
60-11-0600		>	Front right side compartments intermediate height	1	MTL
60-11-0900		>	Rear left side compartments intermediate height	1	MTL
60-11-1300		>	Rear right side compartments intermediate height	1	MTL
60-11-1900		< >	Low side compartment (up to 18") each Used for pre-connected 1.75" discharges	2	MTL
60-11-3100			No rear compartment	1	MTL
60-11-4500	S		Flush mount aluminum door - single with "D" handle	2	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
60-11-5510			Rollup door - intermediate height	4	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
			Rear right side only - LS has Zico Access ladder		
			Maximum height between steps is 18"		
60-31-5600	<		Steps and grab handles at front of body next to pump panel	1	MTL
			RS only - LS has a roll up door		
			Maximum height between steps is 18"		
60-31-6500			Compartment matting-Turtle tile	1	MTL
60-31-8000			BA bottle compt (ea)-fender well	4	MTL
60-31-8800	S	>	Sliding tray (ea) - 600 pound capacity	2	MTL
60-31-9600	S	>	Adjustable shelf (ea)	4	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
60-33-2300	S		Reflective striping - special graphics	1	MTL
60-33-3310			Reflective stripe - red and yellow chevron at rear	1	MTL
60-33-4700			No crosslay preconnects on vehicle	1	MTL
			E		
60-33-50AA	U		Power assisted hose bed covers with end tarps	1	
60-40-5500			Suction hose tube (each) with door	2	MTL
60-41-1000	S		Pike Pole tube incorporated with 60-41-1500	2	MTL
60-41-1500			Attic ladder tube with rear door	1	MTL
60-41-6001	S	>	Zico hydraulic portable tank rack	1	MTL
60-41-6010			ZICO PTS switched at rear above tail light	1	MTL
60-41-6110			Painted plate on exterior of Zico PTS	1	MTL
60-41-7100			Tread plate on body behind porta tank rack	1	MTL
60-41-9000	S	>	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
60-99-05AA	U	<	Bunker storage in compartment	1	
			Six (6) equal sized compartments in right side front		
			compartment as shown on the proposal drawing		
			SOPT 320		
			Turtle tile to be provided in the floor of each bunker		
			compartment		
60-99-10AA	U	<	Filter over compartments vents	1	
			SOPT 481		
			INSTRUMENTATION	1	MTL
70-11-0000			Warning Label on Pump Operator's Panel	1	MTL
70-11-0501			Side mount instrument panel with rollup door LS only	1	MTL
70-11-1500			Stainless steel instrument panels	1	MTL
70-11-3200	S		Colour coded tags	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

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
70-20-1500			2-1/2" pressure gauge - dual face 0-600	7	MTL
70-20-3100			<b>Class One Governor Control</b>	1	MTL
70-20-3510			<b>Electric water level gauge on pump panel and at rear, Class One</b>	1	MTL
70-20-6500			Test gauge panel	1	MTL
70-20-7500			<b>Heat exchanger control valve</b>	1	MTL
70-21-1500	S		<b>Electric Foam Level gauge on pump panel, Class One</b>	1	MTL
70-21-5500			<b>Panel readout for Battery Conditioner</b>	1	MTL
			ACCESSORIES	1	MTL
80-11-5000			<b>6" x 10' lightweight suction hose (ea)</b>	2	MTL
80-12-2500			<b>6" barrel strainer</b>	1	MTL
80-12-4500	S	>	<b>6" low level strainer with 1-1/2" venturi connection</b>	1	MTL
80-13-0500			<b>Rubber mallet</b>	1	MTL
80-14-0500			<b>24' 2 section extension ladder PEL 24</b>	1	MTL
80-14-5500			<b>14' aluminum roof ladder PRL-14</b>	1	MTL
80-14-8500			<b>10' aluminum folding attic ladder FL-10</b>	1	MTL
80-15-0500		<	<b>1500 l gallon portable tank - Husky</b>	1	MTL
			Portatank to be red in color		
			Installed on PAS 60-41-6001		
80-18-0500			<b>SCBA bracket with strap - compt mount</b>	4	MTL
80-18-0700		< >	<b>ZICO Quic Index SCBA carousel</b>	1	MTL
			Install in rear RS compartment		