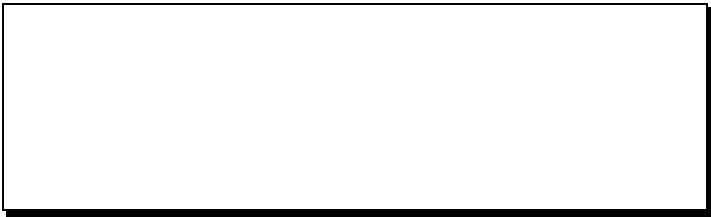




St. Peter's Volunteer Fire Department
 Chief Raymond Ferguson
 9373 Pepperell Street
 St. Peter's, NS B0E 3B0
 902-535-3263 (Home)
 902-227-7750 (Cell)



Exp. Date: 10/03/2015
Quote No: JSANS-0010 **Job/Order No:** 18862
BODY: 00-10-15 Metalfab Pumper - ULC 05/13

02/08/2017

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
			== Metalfab Pumper - ULC 05/13 - 0.000 ==	1	MTL
			CHANGE ORDER D	1	MTL
00-10-1500			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
00-20-1600			Waterous Pump Warranty - 5 years	1	MTL
00-20-1800	S		Brayneck Canaplast Tank Lifetime Warranty	1	MTL
00-20-2000			Plant Visits - unlimited at customer expense	1	MTL
00-20-3000	S		No Bonding Requested	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	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	1	MTL
10-11-2200			Maximum height not specified	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	1	MTL
20-11-1500			2013 Emission chassis modifications	1	MTL
20-11-1600	S		Chassis Motor Vehicle Inspection not requested	1	MTL
20-21-0500			Fluid capacity plate	1	MTL
20-21-0600			Pumping test plate	1	MTL
20-21-1040			Maximum riders sign - 6 persons	1	MTL
20-21-1510	S		Seat belt warning labels	1	MTL
20-21-1530			Tire Pressure Indicators - Single Axle	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	1	MTL
20-21-3500			Rear step warning label	1	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
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 2-tone from Western Star	1	MTL
			White over red		
20-31-4700		< >	Extend front bumper, gravshld with preconnected hosewell	1	MTL
			E		
			Capacity to be 150' of 1-3/4" hose and nozzle.		
			Front bumper extension to be the shortest possible		
			Swivel fitting will be at the bottom of compartment		
			Hose well compartment will have hose rollers around the top perimeter, and will have an aluminum tread plate cover with single "D" handle		
			Install rollers (booster reel type) on the bumper to protect the chassis fenders.		
20-31-7000	S		SS nut covers, hub caps and high hats - single axle	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
				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
20-41-5000			Rear Tow Hooks - under body	1	MTL
20-41-5500			ON SPOT Automatic traction chains	1	MTL
20-51-0700			Master Battery Disconnect included with chassis	1	MTL
20-51-2500			Back up alarm included with chassis	1	MTL
20-51-3100			Air inlet not required	1	MTL
20-51-3400			Protection valve installed for air operated accessories	1	MTL
20-51-6200	S	>	120 volt 20 A shore line connection	3	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
20-51-9100			Air horns on hood, lanyard controlled	1	MTL
20-52-3000		>	Chassis steering wheel lined up by others	1	MTL
20-52-4000			Rear View Camera system	1	MTL
20-60-0400			Chassis wheelbase does not change	1	MTL
20-61-3000	S	< >	Enclosed crew cab - aluminum - 3 SCBA seats - 78" int ht	1	MTL
			Interior height of 78" requested		
			Standard Halogen red/white dome lights (switched on lights).		
			Fans (Chrome base and motor with wire guard) will be installed at each end of transverse panel to keep windows clear (p/n 1130779). Switched on the fan body.		
			Heaters will be installed in the step area - switched at seat each side.		
			All interior finish materials to comply with CMVSS 302		
20-61-4500			Interior finish - gray quilted vinyl	1	MTL
20-61-5000	S	<	Crew cab windows - fixed (8 total)	1	MTL
			One each side of crew cab by Transverse panel		
			One each side of crew cab rear facing long and narrow windows to view side panels (as high as possible for visibility).		

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
			One in lower section of entry doors		
			One in front and rear of crew cab as large as possible		
20-61-5500	S	<	Crew cab windows - sliding (4 total) Upper section of entry doors and one each side of crew cab by seating position. Window will slide up and down and have a lock to hold in the up position	1	MTL
20-90-1000			Sealed pass through cab to body PUMP AND PLUMBING	1	MTL
30-12-4000			Mechanical seals for Waterous pumps	1	MTL
30-12-6000			Waterous CSU single stage 1250 IGPM	1	MTL
30-15-0201			Plumbing - Waterous manifold pump TM E	1	MTL
30-20-1000			Valves and controls - top mount panel	1	MTL
30-20-1001			Valve brand not specified E	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
30-21-5530			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
30-31-7210		>	Waterous master intake suction valve - electric control	2	MTL
30-32-8505			Suction - 2-1/2" left side, TM control, Waterous manifold pump	1	MTL
30-32-9005			Suction - 2-1/2" right side, TM control, Waterous manifold pump	1	MTL
30-41-2015			2-1/2" RS discharge TM, bleeder, Waterous manifold pump	1	MTL
30-41-2515			2-1/2" LS discharge TM, bleeder, Waterous manifold pump	2	MTL
30-43-1510			2-1/2" rear discharge TM, plumbed 2-1/2", bleeder	2	MTL
30-44-0510	S		1-1/2" crosslay TM, 2" valve, bleeder	1	MTL
30-44-0710	S	<	1-1/2" speedlay front of pumphouse TM, plumbed 2" There shall be a drop down door at each end of the speedlay. Doors will be smooth painted plate with single D-handle unless otherwise specified Speedlay tray will slide out each side on UHMW for ease of loading hose. Department request to carry 250' minimum of hose, 300' if possible Include an engraved tag showing the capacity of the hose bed	1	MTL
30-44-1000	S	< >	1-1/2" front trash line, plumbed 2", hosewell Capacity for 150' x 1-3/4" hose and nozzle in the hose well Include an engraved tag showing the capacity of the hose bed	1	MTL
30-44-6510			Piping for monitor TM, plumbed 3", bleeder	1	MTL
30-45-05AA	U	<	4" Rear discharge, 4" valve, TM handwheel control, 30-deg droop, drain Piping is through the tank (4" piping).	1	MTL
30-51-0500			Pump shift-Midship air	1	MTL
30-51-0600			Manual over ride for pump shift on pump panel by Metalfab	1	MTL
30-51-1500			Power shift PTO - Automatic transmission	1	MTL
30-51-1501			PTO driveshaft E	1	MTL
30-51-6810			FRC InControl Governor/Throttle engine display with buttons	1	MTL
30-51-7000			Suction side relief V/V, manifold pump	2	MTL
30-51-8000			Heat exchanger E	1	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
30-52-1000			Master drain V/V, 12 port	1	MTL
30-52-2000			<i>Drain valve for foam system header</i>	1	MTL
30-52-4210	S		<i>Foam System - Hypro FoamPro 2002 Single Tank</i>	1	MTL
30-52-8100			<i>Electric foam fill pump with panel pickup</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</i> SOPT 710 Primer - Trident 31.001.22 Air pressure valve - Trident 30.053.0	1	
			WATER AND FOAM TANKS	1	MTL
40-11-2100	S		<i>Brayneck Canoplast water tank (Imperial gallons)</i>	1	MTL
40-11-2200			Water tank capacity certification (tank manufacturer)	1	MTL
40-11-5000			Tank capacity 1000 Imperial Gallons	1	MTL
40-12-4500			<i>Foam cell - 20 Imperial gallon</i>	1	MTL
40-21-0500			<i>3" 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
40-23-1000			<i>1" foam level gauge connection</i>	1	MTL
40-23-1040			<i>4" direct fill connection</i>	1	MTL
40-30-0500			<i>Sump drain valve (3" gate valve) with linkage</i> E	1	MTL
40-30-1000			Water Fill Box front left corner	1	MTL
40-31-0400			Rear dump valve not requested	E	1
40-31-8000			<i>4" Storz rear gtd fill</i>	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			<i>Rocker switch panel with master warning switch</i>	1	MTL
50-11-1450			<i>Federal PA300 200 watt siren</i>	1	MTL
50-11-1630			<i>Siren speaker,200 watt, in front bumper</i>	1	MTL
50-11-2010			<i>Federal Q2B mechanical siren - through front bumper</i>	1	MTL
50-11-2600			<i>Siren to be accessible to driver and officer</i>	1	MTL
50-11-5810	S	>	<i>Federal LPX53DS-NFPA light bar</i>	1	MTL
50-11-7600	S		<i>Rear LED Signal Master warning lights</i>	1	MTL
50-11-9010			<i>Rear beacons-Federal Micro Escape LED (pr) - both red</i>	1	MTL
50-12-5020			Front LED flashers (pr)-red Federal QL64XF-R	1	MTL
50-12-5110	S		<i>Rear LED flashers (pr)-red Federal QL64XF-R</i>	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		< >	<i>Additional body side inter lts (pr)-red LED Federal QL64XF-R</i> Install in the fender well	1	MTL
50-21-15AA	U	<	<i>Unity LED rear floods (pr)</i> SOPT 255a	1	
50-21-5100		>	<i>Compartment lighting - LED tube lights in each compartment (rollup doors)</i>	1	MTL
50-21-5500	S		<i>Door Ajar warning light</i>	1	MTL
50-21-5550	S		<i>Equipment rack not stowed warning light</i>	2	MTL
50-21-8001			<i>Step lights for body steps - 4" LED</i>	1	MTL
50-21-8110			<i>Step lights for walkway - 4" LED</i>	1	MTL
50-21-8201	S		<i>Step lights for chassis steps - LED Lumabar</i>	1	MTL
50-21-8600			LED clearance lts and reflectors	1	MTL
50-21-8800			<i>LED intermediate turn signal/clearance/reflector length >30'</i>	1	MTL
50-22-0800			<i>Federal 4 QuadraFlare LED tail/brake-turn-backup-warning module (pr)</i>	1	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
50-31-4000	S	<	6000 watt hydraulic generator - Harrison SOPT 825 Generator to be mounted in front dunnage part of hose bed between the water and foam fill towers. The control for the generator will be located on the the operator transverse panel.	1	MTL
50-31-6006		>	Scene lights (pr) - Federal QL97 LED	3	MTL
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 lighting - LED on front partition (ULC requirement)	1	
50-35-0500	S		Installation of customer supplied mobile radio	1	MTL
50-35-0559			Mobile radio antenna provided by customer E	2	MTL
50-99-20AA	U	<	Parking Ditch lights in rear fenders (LED) w/ stainless housing (pr) SOPT 160a Switch in cab and interlocked to activate when transmission is placed in reverse gear.	1	
50-99-25AA	U		FRC FCA530-S75-SW-ON-SR Telescoping light	2	
51-31-3020	S	>	120 volt wiring for hydraulic generator	1	MTL
51-31-4000	S	>	Electric cord reel with 200' x 12/3 cable, lighted box	1	MTL
51-31-4500			Dielectric strength test for line voltage system 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	2	MTL
60-11-2500		>	Rear compartment at step level	1	MTL
60-11-4410	S		Flush mount aluminum door - Crew cab side (single)	2	MTL
60-11-4500			Flush mount aluminum door - single with "D" handle	2	MTL
60-11-4500			Flush mount aluminum door - single with "D" handle	1	MTL
60-11-5610			Rollup door - painted job colour - intermediate height	4	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
60-31-8000			BA bottle compt (ea)-fender well	4	MTL
60-31-8700	S	>	Sliding tray (ea) - 400 pound capacity with gas strut	1	MTL
60-31-9600		>	Adjustable shelf (ea)	5	MTL
60-32-3550			Two adjustable hose divider (each)	1	MTL
60-32-7500			Hose bed - aluminum	1	MTL
60-33-0100	S		Paint exterior - Imron Elite and Clearcoat	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
60-33-3000			Reflective stripe - 4" white	1	MTL
60-33-3310			Reflective stripe - red and yellow chevron at rear	1	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
60-33-3500			Tarp over hose bed - black	1	MTL
60-33-3600			Reflective stripe - inside entry doors	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
60-41-1000	S		Pike Pole tube	2	MTL
60-41-1500	S		Attic ladder tube with rear door	1	MTL
60-41-6001		>	Zico hydraulic portable tank rack	1	MTL
60-41-6010			ZICO PTS switched at rear above tail light	1	MTL
60-41-6100			Tread plate on exterior of Zico PTS	1	MTL
60-41-7100			Tread plate on body behind porta tank rack	1	MTL
60-41-7500		>	Drop down ladder rack - 2 section, roof - manual operation	1	MTL
60-41-7520			Assist handles for manual drop down ladder rack	1	MTL
			INSTRUMENTATION	1	MTL
70-11-0000			Warning Label on Pump Operator's Panel	1	MTL
70-11-1500			Stainless steel instrument panels	1	MTL
70-11-2000			Top mount instrument panel	1	MTL
70-11-2500			Transverse walkway	1	MTL
70-11-2700			No tread plate overlay on back of chassis cab	1	MTL
			E		
70-11-3100	S		Mansaver bars not requested	1	MTL
70-11-3200			Colour coded tags	1	MTL
70-11-3501	S		Compartments in ends of walkway not requested	1	MTL
70-11-4500			Diamondback grip type panel hood step right side	1	MTL
70-11-4600			Diamondback grip type panel hood step left side	1	MTL
70-11-5500			Right side tread plate pump access door	1	MTL
70-11-5600			Left side tread plate pump access door	1	MTL
70-11-5700			Transverse tread plate pump access door	1	MTL
70-11-7500			Heat pan-aluminum	1	MTL
70-11-8000			Heater in pump compartment	1	MTL
70-20-1500			2-1/2" pressure gauge - dual face 0-600	10	MTL
70-20-3300			FRC InControl Governor Control	1	MTL
70-20-3500			Electric water level gauge on pump panel, Class One	1	MTL
70-20-3610			Remote PSTANK water level indicators each side, rear with driver	1	MTL
			E		
70-20-6500			Test gauge panel	1	MTL
70-20-7500			Heat exchanger control valve	1	MTL
70-21-1500	S		Electric Foam Level gauge on pump panel, Class One	1	MTL
70-21-2100	S	>	PTO Hourmeter	1	MTL
70-21-5500			Panel readout for Battery Conditioner	1	MTL
			ACCESSORIES	1	MTL
80-11-5000			6" x 10' lightweight suction hose (ea)	2	MTL
80-12-2500			6" barrel strainer	1	MTL
80-13-0500			Rubber mallet	1	MTL
80-13-1000	S		Hose wrenches (double) with holder	2	MTL
80-13-1200	S		Clare hose wrenches (double) with holder	2	MTL
80-13-1500	S		Bar with bracket	1	MTL
80-13-2500	S		Pike pole, fibreglass handle - 6' and 10' long	2	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
80-15-0500			1500 l gallon portable tank - Husky	1	MTL
80-17-0500	S	<	20# dry chemical fire extinguisher	1	MTL
			Store in tube in compartment above rear step		
80-17-1000	S	<	15# CO2 fire extinguisher	1	MTL
			Store in tube in compartment above rear step		
80-18-0600	S		SCBA brkt w/strap - ZICO ULLH - crew cab mount	3	MTL
80-99-0010	U		Axe brackets only, at rear of vehicle	2	
80-99-0020	U		Plaque to honour Tony Stone	1	