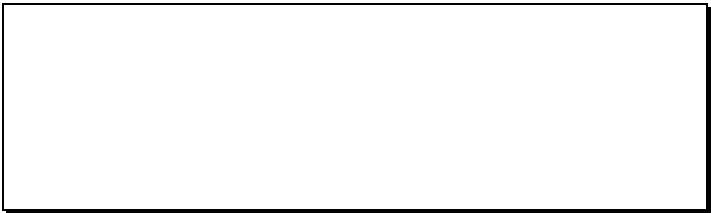




Town of Riverview  
 Chief Denis Pleau  
 Department of Finance  
 30 Honour House Court  
 Riverview, NB E1B 3Y9  
 506 387 2201



**Exp. Date:** 05/20/2014  
**Quote No:** ERINB-0008      **Job/Order No:** 18038  
**BODY:** 00-10-15      Metalfab Pumper - ULC 05/13

02/13/2017

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			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
<b>00-20-1600</b>			<b>Waterous Pump Warranty - 5 years</b>	<b>1</b>	<b>MTL</b>
00-20-1800			Ultra Tank Lifetime Warranty	1	MTL
<b>00-20-2100</b>	<b>S</b>		<b>Plant Inspection Visits</b>	<b>2</b>	<b>MTL</b>
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	1	MTL
<b>10-11-0110</b>			<b>Vehicle data recorder included with chassis</b>	<b>1</b>	<b>MTL</b>
<b>10-11-1101</b>			<b>ULC S515-04 and NFPA 1901-2009 Compliance</b>	<b>1</b>	<b>MTL</b>
			<b>E</b>		
<b>10-11-1500</b>		<b>&gt;</b>	<b>ULC Testing - Pumper</b>	<b>1</b>	<b>MTL</b>
<b>10-11-2100</b>	<b>S</b>		<b>Maximum length - 444"</b>	<b>1</b>	<b>MTL</b>
<b>10-11-2200</b>	<b>S</b>		<b>Maximum height - 136"</b>	<b>1</b>	<b>MTL</b>
<b>10-11-23AA</b>	<b>U</b>		<b>Maximum Body Width 102"</b>	<b>1</b>	<b>MTL</b>
<b>10-11-2400</b>			<b>Overall length is 30' or more</b>	<b>1</b>	<b>MTL</b>
10-11-2500			General Construction	1	MTL
<b>10-11-2600</b>	<b>S</b>		<b>Preconstruction Meeting</b>	<b>1</b>	<b>MTL</b>
10-11-3000			Manuals - two copies	1	MTL
<b>10-11-3600</b>	<b>S</b>	<b>&gt;</b>	<b>Delivery - FOB Fire Department - 4 days training</b>	<b>1</b>	<b>MTL</b>
<b>10-11-4300</b>	<b>S</b>		<b>Payment Terms - Chassis and Body NET 5 Days, 10% Holdback 30 Days</b>	<b>1</b>	<b>MTL</b>
<b>10-20-1400</b>	<b>S</b>	<b>&gt;</b>	<b>Hose capacity exceeding ULC/NFPA requirements - 1020# additional</b>	<b>1</b>	<b>MTL</b>
<b>10-20-2400</b>	<b>S</b>	<b>&gt;</b>	<b>Equipment carrying capacity exceeding ULC/NFPA requirements - 500# additional</b>	<b>1</b>	<b>MTL</b>
			CHASSIS INFORMATION	1	MTL
<b>20-11-1000</b>	<b>S</b>		<b>Chassis supplied by Metalfab - Spartan Gladiator</b>	<b>1</b>	<b>MTL</b>
20-11-1500			2013 Emission chassis modifications	1	MTL
<b>20-11-1700</b>	<b>S</b>		<b>Chassis Motor Vehicle Inspection required - NB</b>	<b>1</b>	<b>MTL</b>
<b>20-21-0500</b>			<b>Fluid capacity plate</b>	<b>1</b>	<b>MTL</b>
<b>20-21-0600</b>			<b>Pumping test plate</b>	<b>1</b>	<b>MTL</b>
<b>20-21-1040</b>	<b>S</b>		<b>Maximum riders sign - 5 persons - with Spartan chassis</b>	<b>1</b>	<b>MTL</b>

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
20-21-1500	S		Seat belt warning labels - with Spartan chassis	1	MTL
20-21-1520	S		Helmet warning label - do not wear helmet - with Spartan chassis	1	MTL
20-21-1550	S		Tire Pressure Indicators - with Spartan chassis	1	MTL
20-21-1600			Apparatus Information Label	1	MTL
20-21-2000	S		Non removable key - keyless ignition with Spartan chassis	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
20-31-0100			Fuel tank or step covers not required	1	MTL
20-31-0200			Fuel fill label -Ultra Low Sulfur Diesel only	1	MTL
20-31-1900	S		Chassis cab not painted - Two tone by Spartan	1	MTL
			E		
20-31-4700	S	>	Extend front bumper, gravshld with preconnected hosewell	1	MTL
			E		
20-41-0600			Intake air shutoff for engine not required	1	MTL
20-41-0900			Auxiliary braking system disabled when pumping	1	MTL
20-41-1200	S		Transmission programming - with Spartan chassis	1	MTL
20-41-1500	S		Extend exhaust pipe - RS front of rear wheels - for Nederman	1	MTL
20-41-1800			Battery boost terminals required	1	MTL
20-41-2000			Chassis batteries remain in OEM location	1	MTL
20-41-2560	S		Fuel fill at LS rear fender well with door	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
20-51-6510			Kussmaul Autocharge 35/10 battery conditioner w/battery save	1	MTL
20-51-7102	S		Electric System Management through VMUX - included with chassis	1	MTL
20-51-7500	S		Super Auto eject for 120 v - 30 A with sealed enclosure	1	MTL
20-51-8500	S		Engine compartment lights (pair) with Spartan chassis	1	MTL
20-51-9001	S		Air horns with foot switches - with Spartan 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
20-99-0010	U		Map box per Tender	1	
20-99-0020	U		Backboard mount per tender	1	
20-99-0030	U		Medical compartments per tender	2	
20-99-0040	U		12v and 120v power distribution in cab, medical compartments	1	
20-99-0045	U		Officer side roof mounted convex mirror	1	
20-99-0050	U		Rear corner guards for cab	1	
			PUMP AND PLUMBING	1	MTL
30-12-3900			Packing for Waterous pumps	1	MTL
30-12-5500			Waterous CS single stage 1050 IGPM	1	MTL
30-15-0203	S		Plumbing - Waterous manifold pump SM	1	MTL
			E		
30-20-0500			Valves and controls - side mount panel	1	MTL
30-20-1002			Akron valves specified	1	MTL
30-20-1600			Piping stainless 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 2-1/2" Storz LOCKING	1	MTL
30-20-2000			Piping hydrostatic test	1	MTL
30-20-2500			Anodes in suction and discharge piping	1	MTL
30-21-9515	S		Tank to Pump 4" Ball valve SS, electric control with check valve manifold pump	2	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
30-22-0500	S		Tank Fill valve 4" Ball valve SS, electric control	1	MTL
30-31-4010	S		Suction - 6" each side manifold pump	1	MTL
30-31-6020	S		Suction - 5" Stainless piping to rear - Electric control - 5" Storz conn	1	MTL
30-31-7210		>	Waterous master intake suction valve - electric control	3	MTL
30-32-7535			Suction - 2-1/2" left side SS, bleeder, Waterous manifold pump	1	MTL
30-32-8035			Suction - 2-1/2" right side SS, bleeder, Waterous manifold pump	1	MTL
30-40-31AA	U		5" right discharge - Storz	1	
30-41-2025			2-1/2" RS discharge SS, bleeder, Waterous manifold pump	1	MTL
30-41-2525			2-1/2" LS discharge SS, bleeder, Waterous manifold pump	2	MTL
30-43-1520	S		2-1/2" rear discharge SS, plumbed 3", bleeder	2	MTL
30-44-0720	S		1-1/2" speedlay (each) front of pumphouse SS, plumbed 2"	2	MTL
30-44-1020		>	1-1/2" front trash line SS, plumbed 2", hosewell	1	MTL
30-44-3520	S		2-1/2" speedlay SS, plumbed 2-1/2", bleeder	1	MTL
30-44-6520	S		Piping for monitor SS, plumbed 3"	1	MTL
30-51-0500			Pump shift-Midship air	1	MTL
30-51-0700			Pump Gearbox mounted manual over ride for pump shift	1	MTL
			E		
30-51-6700			FRC Pump Boss Governor/Throttle engine display	1	MTL
30-51-7000			Suction side relief V/V, manifold pump	3	MTL
30-51-8100			Heat exchanger included with chassis	1	MTL
30-51-8500			Pump cooler with control valve, check valve	1	MTL
30-51-9100			Thermal Relief Valve with warning light	1	MTL
30-52-1000			Master drain V/V, 12 port	1	MTL
30-52-2000			Drain valve for foam system header	1	MTL
30-52-3500			Panel mount foam Pickup tube and valve Akron	1	MTL
30-52-3510	U		Manual flush control on pump panel	1	
30-52-4310	S		Foam System - Hypro FoamPro 2002 Dual Tank	1	MTL
30-52-6500			FoamPro dual tank selector valve (manual)	1	MTL
30-52-8100	S		Electric foam fill pump with panel pickup - Class A foam	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
30-99-05AA	U		Trident air primer - Four location	1	
			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	S		Tank capacity 1050 Imperial Gallons	1	MTL
40-12-4500			Foam cell - 20 Imperial gallon	1	MTL
40-21-1000	S		4" tank to pump connection	1	MTL
40-22-0500	S		4" tank fill connection	1	MTL
40-23-0500			1" water level gauge connection	1	MTL
40-23-1000			1" foam level gauge connection	1	MTL
40-23-1040			4" direct fill connection	1	MTL
40-23-1060			10" Newton dump connection	1	MTL
40-30-0500			Sump drain valve (3" gate valve) with linkage	1	MTL
			E		
40-30-1000	S		Water, Foam Fill Boxes mid left side	1	MTL
40-31-4500			10" rear Newton dump, painted steel	1	MTL
40-31-5000			Newton dump - 36" telechute painted steel	1	MTL
40-31-5500	S		Electric operator for Newton dump	1	MTL
40-31-8000	S		4" rear gtd fill with 5" Storz adapter	1	MTL
			ELECTRICAL	1	MTL
50-11-0400			Base electrical system - Spartan 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
50-11-2000	S		Federal Q2B mechanical siren - pedastel mount on bumper extension	1	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
50-11-2600			Siren to be accessible to driver and officer	1	MTL
50-11-6110			Whelen light bar included with chassis	1	MTL
50-11-6600			Rear LED Traffic Advisor warning lights - surface mount	1	MTL
50-11-90AA	U		Mini Justice JY Series light bars (pr)	1	
50-12-8000	S		Additional body side intersection light with chassis	1	MTL
50-12-8521			Front flashers, intersection lights included with chassis, Whelen 600	1	MTL
50-12-8610			Rear LED flashers (pr)-Whelan red LED 600 with integral flasher	1	MTL
50-12-8810			Body side inter lts (pr)-Whelan red LED 600 with integral flasher	1	MTL
50-13-0500			Opticom emitter - roof mounted with switch in cab	1	MTL
50-21-1500			Rear floods (pr)-Unity	1	MTL
50-21-2540			FRC telescoping SPECTRA LED 12V flood (ea)	2	MTL
50-21-28AA	U		Willburt Nightscan Chief 2.3 w/ 4 FRC Spectra LED lampheads	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			Equipment rack not stowed 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 - by Spartan	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
50-22-0750			Whelan 64 LED CAST 4V tail/brake-turn-backup-warning module (pr)	1	MTL
50-31-5000	S	>	6.0 kw ONAN diesel permanent mount generator	1	MTL
50-31-6505			Ground lighting included with chassis	1	MTL
50-31-6620			Ground lighting (4" LED) - side mount body	1	MTL
51-31-3010		>	120 volt wiring for mounted generator	1	MTL
51-31-3100		>	Automatic 110 volt transfer switch	1	MTL
51-31-4000		>	Electric cord reel with 200' x 12/3 cable, lighted box	1	MTL
51-31-4500			Dielectric strength test for line voltage system	1	MTL
			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
60-10-6500	S		Bolt on extruded aluminum rub rail	1	MTL
60-11-0300		>	Eront left side compartments full height E	1	MTL
60-11-0700		>	Front right side compartments full height E	1	MTL
60-11-1000		>	Rear left side compartments full height E	1	MTL
60-11-1400		>	Rear right side compartments full height	1	MTL
60-11-2000		>	High side compartment (over 18") each	3	MTL
60-11-2500		>	Rear compartment at step level	1	MTL
60-11-5600			Rollup door - painted job colour - standard height	4	MTL
60-11-5620			Rollup door - painted job colour - full height	4	MTL
60-11-5640			Drip pan under rollup door roll (each)	4	MTL
60-11-5640			Brip pan under rollup door roll (each)	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
60-31-8800		>	Sliding tray (ea) - 600 pound capacity	4	MTL
60-31-9600		>	Adjustable shelf (ea)	11	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
60-32-3570	S		Five 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
60-33-3300	S		Reflective stripe - 2" - 2" - 2" Yellow/White/Yellow with 1" gap	1	MTL
60-33-3310	S		Reflective stripe - red and yellow chevron at front and rear	1	MTL
60-33-3500			Tarp over hose bed - black	1	MTL
60-33-4600	S		Speedlay end tarps (black)	1	MTL
60-40-4000			5" Hose tray - top mount (ea)	2	MTL
60-41-1000			Pike Pole tube with door	1	MTL
60-41-9500	S	>	Zico Horizontal Ladder Access system	1	MTL
60-41-9510			ZICO HLAS switched at rear above tail light	1	MTL
60-91-0500		>	Compartment SCBA Storage rack	1	MTL
			E		
			INSTRUMENTATION		
70-11-0000			Warning Label on Pump Operator's Panel	1	MTL
70-11-0500			Side mount instrument panel	1	MTL
70-11-1000			Black zolatone instrument panels	1	MTL
70-11-3200			Colour coded tags	1	MTL
70-11-4500	S		Diamondback grip type panel hood step right side LED lighting	1	MTL
70-11-4600	S		Diamondback grip type panel hood step left side LED lighting	1	MTL
70-11-5100	S		Open storage at top of pump house	1	MTL
70-11-5300	S		Right side pump access Panel	1	MTL
70-11-7500			Heat pan-aluminum	1	MTL
70-11-8000	S		Heater in pump compartment with thermostat	2	MTL
70-20-0500	S		4-1/2" compound gauge - dual face 0-300/2100 Kpa	2	MTL
70-20-1500	S		2-1/2" pressure gauge - dual face 0-300/2100 Kpa	11	MTL
70-20-3200			FRC Pump Boss Governor Control	1	MTL
70-20-3510	S		Electric water level gauge on pump panel and at rear, FRC TankVision	1	MTL
70-20-6500			Test gauge panel	1	MTL
70-20-7500			Heat exchanger control valve	1	MTL
70-20-7600	S		Pump cooler control valve	1	MTL
70-21-1500	S		Electric Foam Level gauge - FRC TankVision	1	MTL
70-21-5500			Panel readout for Battery Conditioner	1	MTL
			ACCESSORIES		
80-11-4000	S		5" x 10' lightweight suction hose (ea) Storz with folding handles	2	MTL
80-14-0500	S		24' 2 section extension ladder Duo Safety	1	MTL
80-14-5500	S		14' aluminum roof ladder Duo Safety	1	MTL
80-14-8500	S		10' aluminum folding attic ladder Duo Safety	1	MTL
80-99-05AA	U		TFT XG18VL-XL Telescoping water way - Supply and installation	1	
80-99-1000	U		Power bar for transformer type adapters	1	