



Brookfield Fire & Emergency Services
 Chief Rod Nielsen
 PO Box 128
 Brookfield, NS B0N 1C0
 902-673-3710
 902-673-2881
 902-673-3471
 responder.rod@gmail.com



Exp. Date: 04/18/2013
Quote No: JBRNS-0015 **Job/Order No:** 17339
BODY: 00-10-15 Metalfab Pumper - ULC 11/09

02/17/2017

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
			== Metalfab Pumper - ULC 11/09 - 0.000 ==	1	MTL
	S		Change Order E	1	MTL
00-10-1500	S		Metalfab Tanker	1	MTL
00-20-0500			List of References	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
00-20-1800			Ultra Tank Lifetime Warranty	1	MTL
00-20-2000			Plant Visits - unlimited at customer expense	1	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
			GENERAL INFORMATION	1	MTL
10-11-0000			Intent	1	MTL
10-11-1100			ULC S515-04 Compliance	1	MTL
10-11-1500	S	>	ULC Testing - TANKER	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
10-11-2600	S		Preconstruction Meeting at customer location	1	MTL
10-11-3000	U		Manuals - two copies on CD	1	
10-11-3600	S	>	Delivery - FOB Fire Department	1	MTL
10-11-4000			Payment Terms - Chassis Net 10 days, Balance COD	1	MTL
			CHASSIS INFORMATION	1	MTL
20-11-1000	S		Chassis supplied by Metalfab	1	MTL
20-11-1500	S		2013 Emission chassis modifications	1	MTL
20-11-1600			Chassis Motor Vehicle Inspection not required	1	MTL
20-21-0500			Fluid capacity plate	1	MTL
20-21-0600			Pumping test plate	1	MTL
20-21-1000			Maximum riders sign	1	MTL
20-21-1500			Seat belt warning labels	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 (Automatic with push button shift)	1	MTL
20-21-3500			Rear step warning label	1	MTL
20-21-3800			Front mudflaps	1	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
20-21-4000			Rear mudflaps	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			Chassis cab not painted	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 lockup-WT	1	MTL
20-41-1500			Extend exhaust pipe - RS front of rear wheels	1	MTL
20-41-1900			Battery boost terminals	1	MTL
20-41-2200			Chassis batteries relocated to body compartment	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	S		Automatic traction chains	1	MTL
20-51-0500			Master disconnect switch - manual	1	MTL
20-51-2600			Back up alarm	1	MTL
20-51-3400			Protection valve installed for air operated accessories	1	MTL
20-51-4000	S		Auto eject for air inlet - LS panel, second connector included	1	MTL
20-51-6100	S	>	120 volt shore line connection in chassis cab	2	MTL
20-51-6500	S		Kussmaul Autocharge 2000 battery conditioner w/battery saver	1	MTL
20-51-7100			Electric System Manager	1	MTL
20-51-7500	S		Auto eject for 110 v - 20 A with enclosure, second connector included	1	MTL
20-51-8500	U		Engine compartment lights - LED	2	
20-52-0000			Horn button air horn acutation	1	MTL
20-52-1000	U	>	Gooseneck map light (ea)	1	
20-52-1400			Chassis alternator to remain	1	MTL
20-52-3500		>	Chassis steering wheel lined up by Metalfab	1	MTL
20-52-4000	S		Rear View Camera system	1	MTL
20-60-0400			Chassis wheelbase does not change	1	MTL
20-99-05AA	U		Exhaust guard	1	
20-99-1000	U		Full width rear mudflaps on rear of body	1	
20-99-1500	U	<	Plymovent mods to exhaust	1	
			Plymovent modifications - Detailed information to come		
			PUMP AND PLUMBING	1	MTL
30-11-3000	S		Hale DSD midship pump - 625 IGPM	1	MTL
30-20-0500			Valves and controls - side mount panel	1	MTL
30-20-1500	S		Piping galvanized steel - general	1	MTL
30-20-1700	S	<	1-1/2" thread specifications	1	MTL
			NPSH thread		
30-20-1800	S	<	2-1/2" thread specifications	1	MTL
			Nova Scotia Standard Thread		
30-20-2000			Piping hydrostatic test	1	MTL
30-21-85AA	U		Electric Tank to Pump 4" butterfly valve, check valve	1	
30-22-1500			Tank Fill valve 2-1/2" Akron	1	MTL
30-31-4000			Suction - 6" not gated each side	1	MTL
30-32-7500			Suction - 2-1/2" Akron left side, bleeder	1	MTL
30-40-2000	S		4" right discharge, Akron 8800 3", slo cloz, bleeder	1	MTL
30-41-2500	S		2-1/2" LS discharge, Akron 8825, droop, bleeder	1	MTL
30-43-1500	S		2-1/2" rear discharge, Akron 8800, droop, bleeder	1	MTL
30-44-0500	S		1-1/2" crosslay (each), 2" Akron 8800, bleeder	2	MTL
30-51-0500			Pump shift-Midship air	1	MTL
30-51-0700			Pump Gearbox mounted manual over ride for pump shift	1	MTL
30-51-6800		<	FRC InControl Governor/Throttle engine display	1	MTL
			InControl 300 Series. Display will be PSI		

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
30-51-7000			<i>Suction side relief V/V, Class One</i>	1	MTL
30-51-7700			<i>Primer Hale oil less ESP with oil tank</i>	1	MTL
30-51-8100			<i>Heat exchanger included with chassis</i>	1	MTL
30-52-1000			Master drain V/V, 12 port	1	MTL
			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
40-11-7000			<i>Tank capacity 2000 Imperial Gallons</i>	1	MTL
40-22-1000			<i>2-1/2" tank fill connection</i>	1	MTL
40-23-0500			<i>1" water level gauge connection</i>	1	MTL
40-30-0500			<i>Sump drain valve (3" gate valve) with linkage</i>	1	MTL
40-30-1200	<		<i>Water Fill Box special location</i>	1	MTL
			Fill box to be in the front LS of the body		
			***This will require a "L" shape fill box configuration		
40-31-3500	U		<i>10" Newton Dump valve - stainless steel</i>	1	
40-31-3600	U		<i>10" Newton dump valve - 36" telechute stainless steel</i>	1	
40-31-5500	U		<i>Electric operator for Newton Dump</i>	1	
40-31-5600	U		<i>Rotating Dump Chute for Newton Dump - stainless steel</i>	1	
40-31-9000	<		<i>4" Storz rear fill, Fireman's Friend</i>	1	MTL
			Right of Newton dump as low as possible so it is easily accessible from the ground.		
			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			<i>Low Voltage Electrical System Documents</i>	1	MTL
50-11-0900			<i>Rocker switch panel with master warning switch</i>	1	MTL
50-11-1400			Federal PA300 100 watt siren	1	MTL
50-11-1600			Siren speaker, 100 watt, in front bumper	1	MTL
50-11-2600			<i>Siren to be accessible to driver and officer</i>	1	MTL
50-11-6100	S		<i>Whelen FN60QLED LED light bar NFPA</i>	1	MTL
50-11-6600	S		<i>Rear LED Traffic Advisor warning lights</i>	1	MTL
50-11-8600	S		<i>Rear LED beacons-Whelen MCFLED2R (pr) both red</i>	1	MTL
50-12-8530	U		<i>Front LED flashers (pr)-Whelen red LED 40RR5ZRR</i>	1	
50-12-8630	U		<i>Rear LED flashers (pr)-Whelen red LED 40RR5ZRR</i>	1	
50-12-8730	U		<i>Front side inter lts (pr)-Whelen red LED 40RR5ZRR</i>	1	
50-12-8830	U		<i>Body side inter lts (pr)-Whelen red LED 40RR5ZRR</i>	2	
50-21-1600	<		<i>Parking (ditch) lights in rear fenders</i>	1	MTL
			Switched in cab and Interlocked with Reverse of transmission		
50-21-5100	< >		<i>Compartment lighting - LED tube lights in each compartment</i>	1	MTL
			Compartments over right side rear wheels to have 4" LED recessed lights at each end of the compartment.		
50-21-5500			<i>Door Ajar warning light</i>	1	MTL
50-21-5550			<i>Equipment rack not stowed warning light</i>	1	MTL
50-21-8000	U		<i>Step lights for body steps - LED</i>	1	
50-21-8200	U		<i>Step lights for chassis steps - LED</i>	1	
50-21-8510	U		<i>Rub rail mounted clearance light (pr)</i>	1	
50-21-8600			<i>LED clearance lts and reflectors</i>	1	MTL
50-21-8800			<i>LED intermediate turn signal/clearance/reflector length >30'</i>	1	MTL
50-22-0700			<i>Whelan 64 LED tail/brake-turn-backup module (pr)</i>	1	MTL
50-31-6006	U		<i>Scene Light (pr) Right Side</i>	1	
50-31-6007	U		<i>Scene Light (pr) Left Side</i>	1	
50-31-6008	U		<i>Scene Light (pr) Rear</i>	1	
50-31-6010	U		<i>Scene Light Boxes (ea)</i>	4	
50-31-6500	U		<i>LED Ground lighting - NFPA requirement</i>	1	

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
50-35-0500	U		Provisions for communication radio	2	
50-99-05AA	U		OPTICOM	1	
50-99-4500	U		Whelen PFBP12C LED rear floods (pr)	1	
50-99-46AA	U		LumaBar H20 in hose bed	1	
50-99-50AA	U		Door mounted flashers	1	
51-99-1000	U		12 volt connection for customer supplied portable pump	1	
			BODY	1	MTL
60-10-1600	S		Tandem 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 19" rear step/pumphouse steps	1	MTL
60-10-6000			Extruded rub rail	1	MTL
60-11-0140			No second front left side compartment	1	MTL
60-11-0300		>	Front left side compartments full height	1	MTL
60-11-0540			No second front right side compartment	1	MTL
60-11-0600		>	Front right side compartments intermediate height	1	MTL
60-11-1000		>	Rear left side compartments full height	1	MTL
60-11-1400	S	>	Rear right side compartments full height	1	MTL
60-11-1900		>	Low side compartment (up to 18") each	2	MTL
60-11-2000		>	High side compartment (over 18") each	2	MTL
60-11-3100			No rear compartment	1	MTL
60-11-4500			Flush mount aluminum door - aluminum body	2	MTL
60-11-5500	S		Rollup door	6	MTL
60-31-4100	S		Extruded aluminum handrails	1	MTL
60-31-5000	S		Zico access Ladder at rear of unit	1	MTL
60-31-5600	S		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	2	MTL
60-31-8400	S		Fixed vertical partition	1	MTL
60-31-8700	S		Sliding tray (ea) - 400 pound capacity with gas strut	4	MTL
60-31-9600	S		Adjustable shelf (ea)	6	MTL
60-31-9600	S	>	Adjustable shelf (ea)	2	MTL
60-31-9600	S	>	Adjustable shelf (ea)	2	MTL
60-32-3550	S		Adjustable hose divider (each)	2	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
60-33-3200	S		Reflective stripe - 1" - 4" -1"	1	MTL
60-33-3600			Reflective stripe - inside entry doors	1	MTL
60-33-4600		>	Aluminum cover over crosslays - with end tarps	1	MTL
60-33-5000	S		Aluminum cover over hose bed	1	MTL
60-40-1500	S		4" Hose tray - side mount (ea)	2	MTL
60-40-4500	S		6" Hose tray - side mount (ea) on Zico PTS	1	MTL
60-40-5500			Suction hose tube (each)	2	MTL
60-41-1000	S		Pike Pole tube	2	MTL
60-41-6000	S		Zico hydraulic portable tank rack	1	MTL
60-41-6010	S		ZICO PTS-HA 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
60-99-05AA	U		NFPA 1901 Rear Chevrons	1	
60-99-10AA	U		Rear body step - diamond grip	1	
			INSTRUMENTATION	1	MTL
70-11-0000			Warning Label on Pump Operator's Panel	1	MTL
70-11-0500			Side mount instrument panel	1	MTL
70-11-1500			Stainless steel instrument panels	1	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
70-11-3200	<		Colour coded tags ****Department to approve the color codes prior to the build****	1	MTL
70-11-4100			Stainless steel side panel hood left side	1	MTL
70-11-4500			Diamondback grip type panel hood step right side	1	MTL
70-11-5000			Standard cover over rear top of pump house - no storage	1	MTL
70-11-5500			Right side 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	5	MTL
70-20-2500			Primer control	1	MTL
70-20-3300			FRC InControl Governor Control	1	MTL
70-20-3510	S		Electric water level gauge on pump panel and at rear, FRC TankVision	1	MTL
70-20-3700	S		Additional remote water level gauge readout in cab, FRC	1	MTL
70-20-6500			Test gauge panel	1	MTL
70-20-7500			Heat exchanger control valve	1	MTL
70-21-2000			Hourmeter	1	MTL
70-21-5500			Panel readout for Battery Conditioner	1	MTL
70-99-15AA	U		Pump Panel LED clear lights	1	
			ACCESSORIES	1	MTL
80-11-5000			6" x 10' lightweight suction hose (ea)	3	MTL
80-12-2500			6" barrel strainer	1	MTL
80-13-0500			Rubber mallet	1	MTL
80-15-1000			2000 gallon portable tank	1	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
80-99-0500	U		4" Storz to 2-1/2" swivel female adapter only	1	
80-99-15AA	U		2.5" female to 1.5" male adaptor with caps	2	
80-99-20AA	U		4" Storz to 2-1/2" male adapter w/ end cap	1	
80-99-25AA	U		Talon Helmet Mount #92510	1	