



Shop Order-00-10-15: Unclassified

Little Harbour Fire Department
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Exp. Date: 07/13/2014
Quote No: JLINS-0018
Job/Order No: 17984
BODY: 00-10-15 Metalfab Pumper - ULC 05/13

02/14/2017

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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	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
00-20-1600			Waterous 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
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			BLC S515-04 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
20-11-1700	S		Chassis Motor Vehicle Inspection required - NS	1	MTL
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
20-21-1550			Tire Pressure Indicators not requested	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

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
20-21-3500			Rear step warning label	1	MTL
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
20-31-0600	S		Alum tread fuel tank covers, diamond grip steps, Conv - 2 dr	1	MTL
20-31-1900			Chassis cab not painted E	1	MTL
20-31-4500			Extend front bumper, gravel shield	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 programming - Allison WT	1	MTL
20-41-1500			Extend exhaust pipe - RS front of rear wheels	1	MTL
			E		
20-41-16AA	U		Heat shield under RS compartment	1	
20-41-1900			Battery boost terminals with chassis E	1	MTL
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
20-41-5100	S		Rear Tow Hook - chrome hook	1	MTL
20-51-0710			Master Battery Disconnect included with Freightliner 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
20-51-3500			Air outlet	1	MTL
20-51-4000			Auto eject for air inlet - LS	1	MTL
20-51-6200	S	>	120 volt 20 A shore line connection in chassis cab	2	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	S		Engine compartment lights (pair) ***LED***	1	MTL
20-51-9001	S		Air horns with chassis - foot switch controled	1	MTL
20-52-3500		>	Chassis steering wheel lined up by Metalfab	1	MTL
			E		
20-52-4000			Rear View Camera system	1	MTL
20-60-0400			Chassis wheelbase does not change	1	MTL
20-99-0500	U		Front bumper guides without lights	1	
			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
30-15-0203			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 3.23 x 5 NSZ1	1	MTL
30-20-2000			Piping hydrostatic test	1	MTL
30-20-2500			Anodes in suction and discharge piping	1	MTL
30-21-8500			Tank to Pump 4" butterfly valve, handwheel control, check valve manifold pump	1	MTL
30-22-0500			Tank Fill valve 2"	1	MTL
30-31-4010	S		Suction - 6" each side manifold pump - STORZ	1	MTL
30-31-7210		>	Waterous master intake suction valve - electric control	2	MTL
30-32-7505			Suction - 2-1/2" left side, bleeder, Waterous manifold pump	1	MTL
30-32-8005			Suction - 2-1/2" right side, bleeder, Waterous manifold pump	1	MTL
30-40-3005			4" right discharge, plumbed 4", handwheel, Waterous manifold pump	1	MTL
30-41-2005			2-1/2" RS discharge, bleeder, Waterous manifold pump	2	MTL
30-41-2505			2-1/2" LS discharge, bleeder, Waterous manifold pump	2	MTL
30-43-1500			2-1/2" rear discharge, plumbed 2-1/2", bleeder	2	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
30-44-1000	S	>	1-1/2" front trash line, plumbed 2", hosewell	2	MTL
30-44-6500	S		Piping for monitor, plumbed 3", bleeder	1	MTL
30-44-8500	S	>	Hose reel, 1" X 200', nozzle, electric - mounted over pump house	1	MTL
30-51-0500			Pump shift-Midship air	1	MTL
30-51-0700			Pump Gearbox mounted manual over ride for pump shift 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
30-51-8100			Heat exchanger included with chassis	1	MTL
30-52-1000			Master drain V/V, 12 port	1	MTL
30-52-3001	S		Waterous CAFS 150-D with Aquis 2.5 foam proportioner	1	MTL
30-52-8100			Electric foam fill pump with panel pickup	1	MTL
30-52-9100			Foam concentrate label at foam tank fill	1	MTL
30-60-1000			2" CAFS discharge kit for Akron valve	3	MTL
30-60-1500			2-1/2" CAFS discharge kit for Akron valve	1	MTL
30-99-05AA	U		Trident Air automatic primer	1	
30-99-10AA	U		Trident Pre-Primer	2	
30-99-2000	U		18" manual telescoping extension for customer deck gun	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			Tank capacity 1000 Imperial Gallons	1	MTL
40-12-4500			Foam cell - 20 Imperial gallon	1	MTL
40-13-0100		>	Through the tank tunnel - up to 1200 gallon tank	1	MTL
40-21-1000			4" tank to pump connection	1	MTL
40-22-0500			2" 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
40-23-1000	S		1" foam level gauge connection	1	MTL
40-23-1050			4" Fireman's Friend connection	1	MTL
40-30-0500			Sump drain valve (3" gate valve) with linkage E	1	MTL
40-30-1000			Water Fill Box front left corner	1	MTL
40-31-0400			Rear dump valve not requested	1	MTL
40-31-9000			4" Storz rear fill, Fireman's Friend	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			Rocker switch panel with master warning switch	1	MTL
50-11-1625			Siren speaker, 100 watt, behind chassis grille	1	MTL
50-11-2600			Siren to be accessible to driver and officer	1	MTL
50-11-6100			Whelan FN60QLED LED light bar NFPA	1	MTL
50-11-6501			Rear Directional Light not required	1	MTL
50-12-8000			Additional body side intersection light not required	1	MTL
50-12-8500	S		Front LED flashers (pr)-Whelan red LED 400 - with integral flasher	1	MTL
50-12-8700	S		Front side inter lts (pr) - Whelan red LED 400 - with integral flasher	1	MTL
50-12-8800	S		Body side inter lts (pr)-Whelan red LED 400 - with integral flasher	1	MTL
50-12-8820	S		Body upper warning lights (pr) Whelan red LED 900 with integral flasher	2	MTL
50-21-1600			Parking (ditch) lights in rear fenders	1	MTL
50-21-5100		>	Compartment lighting - LED tube lights in each compartment (rollup doors)	1	MTL
50-21-5500			Door Ajar warning light	1	MTL
50-21-8001			Step lights for body steps - 4" LED	1	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
50-21-8201			Step lights for chassis steps - LED marker type	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
50-31-6006		>	Scene lights (pr) - Federal QL97 LED	3	MTL
50-31-6550			Ground lighting (LED Lumabar) - 2 door chassis	1	MTL
50-31-6570	S		Ground lighting (LED Lumabar) - side mount body	1	MTL
50-35-0500			Installation of customer supplied mobile radio	1	MTL
50-35-0559			Mobile radio antenna provided by customer	1	MTL
			E		
50-99-05AA	U		Whelan Alpha Siren - 100 Watt	1	
50-99-15AA	U		Driver and Officer foot switch siren control	1	
50-99-4500	U		Whelan PFBP12C LED rear floods (pr)	1	
51-31-3000	S	>	120 volt wiring for Inverter	1	MTL
51-31-3100	S	>	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
51-99-10AA	U		FRC Extendable light - Spectra LED 12 Volt	2	
51-99-15AA	U		3Kw Inverter	1	
51-99-20AA	U		Hose bed lights	1	
			BODY	1	MTL
60-10-1400	S		Single axle extruded aluminum body - special sides	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
60-10-5440		>	Diamondback 14" rear step	1	MTL
60-10-6500			Bolt on extruded aluminum rub rail	1	MTL
60-11-0300	S	>	Front left side compartments full height	1	MTL
			E		
60-11-0700	S	>	Front right side compartments full height	1	MTL
			E		
60-11-1000		>	Rear left side compartments full height	1	MTL
			E		
60-11-1400		>	Rear right side compartments full height	1	MTL
			E		
60-11-2000		>	High side compartment (over 18") each	2	MTL
60-11-3100			No rear compartment	1	MTL
			E		
60-11-5500			Rollup door - standard height	2	MTL
60-11-5520			Rollup door - full height	4	MTL
60-31-4100			Extruded aluminum handrails	1	MTL
60-31-5000			Zico access Ladder at rear of unit	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
60-31-8700	S	>	Sliding tray (ea) - 400 pound capacity with gas strut	3	MTL
60-31-9600	S	>	Adjustable shelf (ea)	8	MTL
60-32-3550			Two adjustable hose divider (each)	1	MTL
60-32-7500	S		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
60-33-3300	S		Reflective stripe - special graphics	1	MTL
60-33-3310			Reflective stripe - red and yellow chevron at rear	1	MTL
60-33-3500	S		Tarp over hose bed - black	1	MTL
60-33-4600			Aluminum cover over crosslays - with end tarps (black)	1	MTL
60-40-9000		>	Tube mount for ladders, with rear door	1	MTL
60-40-9001	S	>	Tube mount for suction hoses (3) through tank	1	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
60-40-9500		>	Tube for portable tank storage, with rear door	1	MTL
60-41-1000			Pike Pole tube with door	2	MTL
60-41-1500			Attic ladder tube with rear door	1	MTL
60-99-0010	U		Swing out tool board	1	
60-99-0020	U		PAC tool board over rear wheels	2	
60-99-05AA	U		Fender well wheel chock compartment	2	
60-99-10AA	U		Rear Body step - diamond back grip	1	
60-99-20AA	U		Reflective stripe inside chassis doors	1	
60-99-25AA	U		Battenburg side reflective striping	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
70-11-3200	S		Colour coded tags	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
70-11-5100	S		Open storage at over 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
70-20-1500			2-1/2" pressure gauge - dual face 0-600	11	MTL
70-20-3300			FRC InControl Governor Control	1	MTL
70-20-3510			Electric water level gauge on pump panel and at rear, Class One	1	MTL
70-20-6500			Test gauge panel	1	MTL
70-20-7500			Heat exchanger control valve	1	MTL
70-21-1500			Electric Foam Level gauge	1	MTL
70-21-1500	S		Electric Foam Level gauge	1	MTL
70-21-5500			Panel readout for Battery Conditioner	1	MTL
70-99-05AA	U		Water level gauge in cab (mini display)	1	
70-99-10AA	U		Firecom UHW-51 head set and radio interface	1	
70-99-15AA	U		LED pump panel lights	1	
70-99-20AA	U		Foam level gauge in chassis cab (mini display)	1	
71-21-3500			Headset compartment	1	MTL
			ACCESSORIES	1	MTL
80-12-4500	S	>	6" low level strainer with 1-1/2" venturi connection	1	MTL
80-13-1000	S		Hose wrenches (double) with holder	3	MTL
80-13-2500			Pike pole, fiberglass handle - 10' long	2	MTL
80-13-4000	S		Axe, pick head, fiberglass handle and bracket	1	MTL
80-13-4500	S		Axe, flat head, fiberglass handle and bracket	1	MTL
80-14-0500	S		24' 2 section extension ladder	1	MTL
80-14-5500	S		14' aluminum roof ladder	1	MTL
80-14-8500	S		10' aluminum folding attic ladder	1	MTL
80-15-1000	S		2000 l gallon portable tank - Husky	1	MTL
80-17-0500			20# dry chemical fire extinguisher and mount	1	MTL
80-17-1500			2 gallon water extinguisher with mount	1	MTL
80-19-0500			Large folding wheel chock - aluminum (ea) not mounted	2	MTL
80-99-0020	U		6" Storz wrenches (pr) and bracket	3	
80-99-05AA	U		6" x 10' Northline STORZ Suction hose	3	
80-99-10AA	U		Pistol grip nozzle holder	1	
80-99-20AA	U		Storz Universal Spanner Wrench - qty. 2 with holder	3	
80-99-25AA	U		8lb Sledgehammer and mounting bracket	1	
80-99-30AA	U		Blitzfire oscillating portable monitor	1	
80-99-3500	U		Ground cover for portable tank - 22 oz vinyl	1	
80-99-4000	U		6" barrel strainer - STORZ coupling	1	