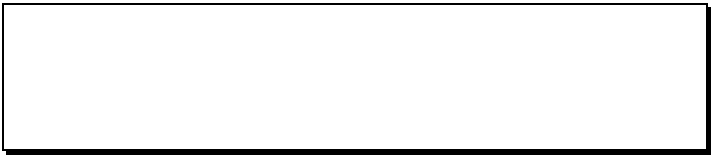




Shop Order-00-10-15: Unclassified

North Shore Fire Department
 Walter Thompson Deputy Fire Chief
 1-902-940-5874
 noschoallgo@hotmail.com



Exp. Date: 03/13/2014
Quote No: RNOPE-0010 **Job/Order No:** 17903
BODY: 00-10-15 Metalfab Pumper - ULC 05/13

02/14/2017

Page 1

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
			== Metalfab Pumper - ULC 05/13 - 0.000 ==	1	MTL
			CHANGE ORDER B	1	MTL
00-10-1500	S		Metalfab Pumper E	1	MTL
00-20-1000			Company Profile E	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
00-20-4500			Fire Apparatus Manufacturers' Association Membership	1	MTL
			GENERAL INFORMATION	1	MTL
10-11-0000			Intent E	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 E	1	MTL
10-11-2200	S		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 E	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 - Western Star 4700 SB	1	MTL
20-11-1500			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
20-21-1010			Maximum riders sign - 3 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 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

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
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 E	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 E	1	MTL
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
20-41-5000			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
20-51-3100			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 in chassis cab	1	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
20-51-9001			Air horns not requested E	1	MTL
20-52-3000		>	Chassis steering wheel lined up by others	1	MTL
20-60-0400			Chassis wheelbase does not change	1	MTL
20-99-0500	U		Install customer exterior stainless sun visor	1	
			PUMP AND PLUMBING	1	MTL
30-11-8100			Hale QMAX 1250 IGPM single stage pump	1	MTL
30-12-3400			Packing for Hale QMID/QMAX/QTWO pumps	1	MTL
30-15-0101			Plumbing - Hale manifold pump TM	1	MTL
			E		
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 3.25 x 5NF	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
30-22-1510			Tank Fill valve 2-1/2" TM	1	MTL
30-31-4010	S		Suction - 6" not gated each side manifold pump, Storz	1	MTL
30-31-7200		>	Hale master intake suction valve - electric control	2	MTL
30-32-7500			Suction - 2-1/2" left side, bleeder, Hale manifold pump	1	MTL
30-32-8000			Suction - 2-1/2" right side, bleeder, Hale manifold pump	1	MTL
30-40-2010			4" right discharge TM, plumbed 3", Hale manifold pump	1	MTL
30-40-2510			4" left discharge TM, plumbed 3", Hale manifold pump	1	MTL
30-41-2010			2-1/2" RS discharge TM, bleeder, Hale manifold pump	1	MTL
30-41-2510			2-1/2" LS discharge TM, bleeder, Hale manifold pump	1	MTL
30-43-1510	S	<	2-1/2" rear discharge TM, plumbed 2-1/2", bleeder	2	MTL
			In hose bed - one each side as close as possible to side of truck and still be able to use a hose wrench.		
			Pipe terminates at front partition		
30-44-0600	S		1-1/2" speedlays (each) under walkway, plumbed 2"	2	MTL
30-44-6510			Piping for monitor TM, plumbed 3", bleeder	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
30-51-6640			Class One "TPG Plus" Governor/Throttle	1	MTL
30-51-7000			Suction side relief V/V, manifold pump	2	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
30-51-7700			<i>Primer Hale oil less ESP with oil tank Hale</i>	1	MTL
30-51-7800			<i>Pre Primer for gated suction Hale primer</i>	1	MTL
30-51-8000			Heat exchanger E	1	MTL
30-52-1000			Master drain V/V, 12 port	1	MTL
30-52-2000			<i>Drain valve for foam system header</i>	1	MTL
30-52-5510	S		<i>Foam system-Hypro FoamPro 2001 Single Tank</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
30-99-05AA	U		<i>1-1/2"x 150' Hose reel, nozzle, electric, rear compartment mounted</i>	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
40-11-4500			<i>Tank capacity 800 Imperial Gallons</i>	1	MTL
40-12-4500			<i>Foam cell - 20 Imperial gallon</i>	1	MTL
40-13-0100	S	>	<i>Through the tank tunnel - up to 1200 gallon tank</i>	1	MTL
40-21-0500			<i>3" tank to pump connection</i>	1	MTL
40-22-1000			<i>3" tank fill connection</i>	1	MTL
40-23-0500			1" water level gauge connection	1	MTL
40-30-0400			3" plug in sump box	1	MTL
40-30-1000			Water Fill Box front left corner	1	MTL
40-31-0400			Rear dump valve not requested E	1	MTL
40-31-6050			Rear fill not requested E	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
50-11-1400			Federal PA300 100 watt siren	1	MTL
50-11-1620			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			<i>Whelan FN60QLED LED light bar NFPA</i>	1	MTL
50-11-6501			Rear Directional Light not required E	1	MTL
50-11-8600			<i>Rear LED beacons-Whelan MCFLED2R (pr) both red</i>	1	MTL
50-12-8520			<i>Front LED flashers (pr)-Whelan red LED 600 with integral flasher</i>	1	MTL
50-12-8610			<i>Rear LED flashers (pr)-Whelan red LED 600 with integral flasher</i>	1	MTL
50-12-8710			<i>Front side inter lts (pr) - Whelan red LED 600 with integral flasher</i>	1	MTL
50-12-8810			<i>Body side inter lts (pr)-Whelan red LED 600 with integral flasher</i>	1	MTL
50-21-1500			Rear floods (pr)-Unity	1	MTL
50-21-1600			<i>Parking (ditch) lights in rear fenders</i>	1	MTL
50-21-5100		>	<i>Compartment lighting - LED tube lights in each compartment (rollup doors)</i>	1	MTL
50-21-5500			Door Ajar warning light	1	MTL
50-21-5550			<i>Equipment rack not stowed warning light</i>	1	MTL
50-21-8000			<i>Step lights for body steps</i>	1	MTL
50-21-8100			<i>Step lights for walkway</i>	1	MTL
50-21-8200			Step lights for chassis steps - halogen marker type	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
50-22-0700			Whelan 64 LED tail/brake-turn-backup module (pr)	1	MTL
50-31-6006		>	<i>Scene lights (pr) - Federal QL97 LED</i>	3	MTL
50-31-6010	S		<i>Scene light boxes (pr) - painted</i>	1	MTL
50-31-6500			Ground lighting (halogen) - 2 door chassis	1	MTL
50-31-6530			<i>Ground lighting (halogen) - top mount body</i>	1	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
50-99-0010	U		Dual USB chargers in cab	1	
50-99-0015	U		IPAD mounting bracket	1	
50-99-05AA	U		Akron LED Telescoping Flood Lights	2	
			BODY	1	MTL
60-10-1400	S	<	Single axle extruded aluminum body	1	MTL
			Inset rear step		
			Rear step to extend past rear 6"		
			Add 2" to the body height shown on FT-10591 R1 to increase hose bed depth by 2" for a minimum hose bed depth of 15"		
			Note that hose bed over the ladder tube only extends beyond the inset rear step - this area is not be covered by the hose bed cover and is to have a non slip surface to allow use as a step		
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
60-11-0300		>	Front left side compartments full height	1	MTL
			E		
60-11-0600		>	Front right side compartments intermediate height	1	MTL
60-11-1000	S	>	Rear left side compartments full height	1	MTL
			E		
60-11-1300		>	Rear right side compartments intermediate height	1	MTL
60-11-1900		>	Low side compartment (up to 18") each	1	MTL
60-11-2000		>	High side compartment (over 18") each	1	MTL
60-11-3200	S	>	Full Height Rear compartment	1	MTL
60-11-4500	S		Flush mount aluminum door - single with "D" handle	1	MTL
60-11-5500			Rollup door - standard height	1	MTL
60-11-5510			Rollup door - intermediate height	2	MTL
60-11-5520			Rollup door - full height	3	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
60-31-8200	S	>	Sliding vertical tool board	2	MTL
60-31-8400	S		Fixed vertical partition	3	MTL
60-31-8700	S	>	Sliding tray (ea) - 400 pound capacity with gas strut	3	MTL
60-31-9600	S	>	Adjustable shelf (ea)	6	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
60-33-0500			Paint chassis wheels job colour with silver trim	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
60-33-3200			Reflective stripe - 1" - 4" -1" white	1	MTL
60-33-4600			Aluminum cover over crosslays - with end tarps (black)	1	MTL
60-33-5000			Aluminum cover over hose bed with end tarps - black	1	MTL
			E		
60-40-9000		>	Tube mount for ladders, with rear door	1	MTL
60-40-9001	S	>	Tube mount for suction hoses, through tank	1	MTL
60-41-1000	S	<	Pike Pole tube	2	MTL
			To be above ladders for a 8' and 12' pike pole		
60-41-1500	S	<	Attic ladder tube	1	MTL
			To be above ladders for a 10' attic ladder		

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
60-41-6000	S	>	Zico electric 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
60-41-7090			No tread plate on body behind porta tank rack	1	MTL
60-99-05AA	U		Hinged Wall Toolboard	1	
60-99-10AA	U		Price Adjustment	7	
60-99-15AA	U		Coffin Compartment - Left Side	1	
60-99-2000	U		Adjustable vertical dividers in sliding tray	1	
			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	S		Transverse walkway	1	MTL
70-11-2600			Tread plate overlay on back of chassis cab	1	MTL
70-11-3100			Mansaver bars not required	1	MTL
70-11-3200			Colour coded tags	1	MTL
70-11-3500		>	Compartments in ends of walkway	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
70-11-5100	S		Open storage above pump house	1	MTL
70-11-5300			Right side painted pump access door	1	MTL
70-11-5400			Left side painted 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
70-20-2500			Primer control	2	MTL
70-20-3100			Class One Governor Control	1	MTL
70-20-3500			Electric water level gauge on pump panel, Class One	1	MTL
70-20-6500			Test gauge panel	1	MTL
70-20-7500			Heat exchanger control valve	1	MTL
70-21-1600			Electric Foam Level gauge not required	1	MTL
70-21-5500			Panel readout for Battery Conditioner	1	MTL
71-21-4000	S		Microphone compartment	1	MTL
71-21-4500	S		Speaker on pump panel	1	MTL
			ACCESSORIES	1	MTL
80-11-5000	S		6" x 12' lightweight suction hose (ea) Storz	3	MTL
80-13-0500			Rubber mallet	1	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
80-15-1000			2000 l gallon portable tank - Husky	1	MTL
80-99-05AA	U	<	TFT 6" Storz Barrel Strainer	1	
			A02HNX-Y - Barrel strainer		
			AA2SX-NX - 6" Male adapter to 6" Storz		
80-99-10AA	U	<	TFT 6" Storz Low Level Strainer w/jet Siphon	1	
			TFT A03SX-IF		
80-99-15AA	U		8'-00" Fiberglass Pike Pole	1	
80-99-20AA	U		12'-00" Fiberglass Pike Pole	1	
80-99-25AA	U	<	Elkhart Monitor - Stinger 2.0 Portable/Deck Monitor	1	
			Model 8297-98P - Elkhart p/n 08297971 - upper part of		
			monitor w/Stream straightener and stacked tips		
			Portable base dual inlet - Elkhart p/n 80791101 - order with		
			Customer thread 3.25 x 5		
80-99-30AA	U		4" Storz to 2-1/2" Male Reducer with 2-1/2" Cap	2	
80-99-35AA	U		2-1/2" female to 1-1/2" male Reducer with Cap	2	