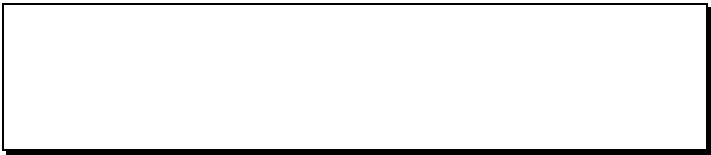




Welsford, NB Top Mount Pumper  
 Room 205, Marysville Place  
 20 McGloin Street  
 Fredericton, NB E3A 5T8



**Exp. Date:** 04/30/2014  
**Quote No:** 10018-0055      **Job/Order No:** 17881  
**BODY:** 00-10-15      Metalfab Pumper - ULC 05/13

02/16/2017

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 A</b>	<b>1</b>	<b>MTL</b>
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
<b>00-20-1700</b>			<b>Hale 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>	S		<b>Plant Inspection Visits</b>	<b>1</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 E	1	MTL
10-11-0105			Vehicle Data Recorder not requested	1	MTL
10-11-1100			BLC S515-04 Compliance	1	MTL
<b>10-11-1500</b>		>	<b>ULC Testing - Pumper</b>	<b>1</b>	<b>MTL</b>
<b>10-11-2100</b>	S		<b>Maximum length 444"</b>	<b>1</b>	<b>MTL</b>
<b>10-11-2200</b>	S		<b>Maximum height 136"</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>10-11-3000</b>	S		<b>Manuals - three copies</b>	<b>1</b>	<b>MTL</b>
<b>10-11-3600</b>	S	>	<b>Delivery - FOB Fire Department</b>	<b>1</b>	<b>MTL</b>
<b>10-11-4300</b>	S		<b>Payment Terms - Chassis and Body NET 30</b>	<b>1</b>	<b>MTL</b>
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
<b>20-11-1000</b>	S		<b>Chassis supplied by Metalfab - International 4400</b>	<b>1</b>	<b>MTL</b>
20-11-1500			2013 Emission chassis modifications	1	MTL
<b>20-11-1700</b>			<b>Chassis Motor Vehicle Inspection required - NB</b>	<b>1</b>	<b>MTL</b>
			E		
20-21-0500			Fluid capacity plate	1	MTL
20-21-0600			Pumping test plate	1	MTL
<b>20-21-1030</b>			<b>Maximum riders sign - 5 persons</b>	<b>1</b>	<b>MTL</b>
<b>20-21-1510</b>			<b>Seat belt warning labels - 4 door chassis</b>	<b>1</b>	<b>MTL</b>
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
<b>20-21-3810</b>			<b>Front mudflaps provided with chassis</b>	<b>1</b>	<b>MTL</b>
			E		

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
20-21-4000			Rear mudflaps - Metalfab Logo	1	MTL
20-31-0200			Fuel fill label -Ultra Low Sulfur Diesel only	1	MTL
<b>20-31-1000</b>			<b>Alum tread fuel tank trim, Conv - 4 door</b>	<b>1</b>	<b>MTL</b>
20-31-1900			Chassis cab not painted	1	MTL
<b>20-31-7500</b>			<b>Console in cab</b>	<b>1</b>	<b>MTL</b>
<b>20-41-0500</b>			<b>Intake air shutoff for engine</b>	<b>1</b>	<b>MTL</b>
<b>20-41-0900</b>			<b>Auxiliary braking system disabled when pumping</b>	<b>1</b>	<b>MTL</b>
20-41-1100			Transmission programming - Allison WT	1	MTL
20-41-1500			Extend exhaust pipe - RS front of rear wheels	1	MTL
			E		
<b>20-41-1900</b>			<b>Battery boost terminals with chassis</b>	<b>1</b>	<b>MTL</b>
			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
<b>20-41-5500</b>			<b>ON SPOT Automatic traction chains</b>	<b>1</b>	<b>MTL</b>
20-51-0500			Master disconnect switch - manual	1	MTL
<b>20-51-2500</b>			<b>Back up alarm included with chassis</b>	<b>1</b>	<b>MTL</b>
20-51-3400			Protection valve installed for air operated accessories	1	MTL
<b>20-51-3500</b>			<b>Air outlet</b>	<b>1</b>	<b>MTL</b>
<b>20-51-4000</b>			<b>Auto eject for air inlet - LS</b>	<b>1</b>	<b>MTL</b>
<b>20-51-5600</b>			<b>Flashing headlights w/ daytime running lights</b>	<b>1</b>	<b>MTL</b>
<b>20-51-6500</b>			<b>Kussmaul Autocharge 1000 battery conditioner w/battery saver</b>	<b>1</b>	<b>MTL</b>
<b>20-51-7101</b>			<b>Electric System Management not required</b>	<b>1</b>	<b>MTL</b>
			E		
<b>20-51-7500</b>			<b>Super Auto eject for 120 v - 20 A with sealed enclosure</b>	<b>1</b>	<b>MTL</b>
20-51-8500			Engine compartment lights (pair)	1	MTL
<b>20-51-9000</b>	<b>S</b>		<b>Air horns on hood, Chassis OEM switch controlled</b>	<b>1</b>	<b>MTL</b>
20-52-3000		>	Chassis steering wheel lined up by others	1	MTL
<b>20-52-4000</b>			<b>Rear View Camera system</b>	<b>1</b>	<b>MTL</b>
20-60-0400			Chassis wheelbase does not change	1	MTL
			PUMP AND PLUMBING	1	MTL
<b>30-11-8100</b>			<b>Hale QMAX 1250 IGPM single stage pump</b>	<b>1</b>	<b>MTL</b>
<b>30-12-3500</b>			<b>Mechanical seal for Hale QMID/QMAX/QTWO pumps</b>	<b>1</b>	<b>MTL</b>
<b>30-15-0102</b>			<b>Plumbing - Hale manifold pump TM SS</b>	<b>1</b>	<b>MTL</b>
<b>30-20-1000</b>			<b>Valves and controls - top mount panel</b>	<b>1</b>	<b>MTL</b>
<b>30-20-1001</b>			<b>Valve brand not specified</b>	<b>1</b>	<b>MTL</b>
			E		
<b>30-20-1600</b>			<b>Piping stainless steel - general</b>	<b>1</b>	<b>MTL</b>
<b>30-20-1700</b>	<b>S</b>		<b>1-1/2" thread specifications - Red Head Storz</b>	<b>1</b>	<b>MTL</b>
<b>30-20-1800</b>	<b>S</b>		<b>2-1/2" thread specifications - Red Head Storz</b>	<b>1</b>	<b>MTL</b>
30-20-2000			Piping hydrostatic test	1	MTL
<b>30-20-2500</b>			<b>Anodes in suction and discharge piping</b>	<b>1</b>	<b>MTL</b>
<b>30-21-8510</b>			<b>Tank to Pump 4" butterfly valve SS, handwheel control, check valve manifold pump</b>	<b>1</b>	<b>MTL</b>
<b>30-22-2030</b>			<b>Tank Fill valve 3" TM SS</b>	<b>1</b>	<b>MTL</b>
<b>30-31-4010</b>			<b>Suction - 6" not gated each side manifold pump</b>	<b>1</b>	<b>MTL</b>
<b>30-31-5100</b>	<b>S</b>		<b>Suction - 5" SS piping to rear - 6" connection</b>	<b>1</b>	<b>MTL</b>
<b>30-31-7200</b>		>	<b>Hale master intake suction valve - electric control</b>	<b>3</b>	<b>MTL</b>
<b>30-32-7530</b>			<b>Suction - 2-1/2" left side SS, bleeder, Hale manifold pump</b>	<b>1</b>	<b>MTL</b>
<b>30-32-8030</b>			<b>Suction - 2-1/2" right side SS, bleeder, Hale manifold pump</b>	<b>1</b>	<b>MTL</b>
<b>30-40-2030</b>			<b>4" right discharge TM SS, plumbed 3", Hale manifold pump</b>	<b>1</b>	<b>MTL</b>
<b>30-41-2030</b>			<b>2-1/2" RS discharge TM SS, bleeder, Hale manifold pump</b>	<b>1</b>	<b>MTL</b>
<b>30-41-2530</b>			<b>2-1/2" LS discharge TM SS, bleeder, Hale manifold pump</b>	<b>2</b>	<b>MTL</b>
<b>30-43-1530</b>			<b>2-1/2" rear discharge TM SS, plumbed 2-1/2", bleeder</b>	<b>2</b>	<b>MTL</b>
<b>30-44-0530</b>			<b>1-1/2" crosslay (each) TM SS, 2" valve, bleeder</b>	<b>2</b>	<b>MTL</b>
<b>30-44-6530</b>			<b>Piping for monitor TM SS, plumbed 3", bleeder</b>	<b>1</b>	<b>MTL</b>
<b>30-51-0500</b>			<b>Pump shift-Midship air</b>	<b>1</b>	<b>MTL</b>
30-51-0700			Pump Gearbox mounted manual over ride for pump shift	1	MTL
			E		

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
30-51-6640			<b>Class One "TPG Plus" Governor/Throttle</b>	1	MTL
30-51-7000	S		<b>Suction side relief V/V, manifold pump</b>	3	MTL
30-51-7700			<b>Primer Hale oil less ESP with oil tank Hale</b>	1	MTL
30-51-7800			<b>Pre Primer for gated suction Hale primer</b>	1	MTL
30-51-8100			<b>Heat exchanger included with chassis</b>	1	MTL
30-52-1000			Master drain V/V, 12 port	1	MTL
30-52-2000			<b>Drain valve for foam system header</b>	1	MTL
30-52-5610			<b>Foam system-Hypro FoamPro 2001 Dual Tank</b>	1	MTL
30-52-6500			<b>FoamPro dual tank selector valve (manual)</b>	1	MTL
30-52-8100			<b>Electric foam fill pump with panel pickup</b>	2	MTL
30-52-9200			<b>Foam System Instruction Plates</b>	1	MTL
30-52-9400			<b>NFPA Foam System certification test</b>	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
40-11-5000			Tank capacity 1000 Imperial Gallons	1	MTL
40-12-4500			<b>Foam cell - 20 Imperial gallon</b>	2	MTL
40-21-1000			<b>4" tank to pump connection</b>	1	MTL
40-22-1500			<b>3" tank fill connection</b>	1	MTL
40-23-0500			1" water level gauge connection	1	MTL
40-23-1000			<b>1" foam level gauge connection</b>	2	MTL
40-23-1050			<b>4" Fireman's Friend connection</b>	1	MTL
40-23-1060			<b>10" Newton dump connection</b>	1	MTL
40-30-0500			<b>Sump drain valve (3" gate valve) with linkage</b>	1	MTL
			E		
40-30-1000			Water Fill Box front left corner	1	MTL
40-31-3500			<b>10" rear Newton dump, stainless steel</b>	1	MTL
40-31-3600			<b>Newton dump - stainless steel 36" telechute</b>	1	MTL
40-31-5500			<b>Electric operator for Newton dump</b>	1	MTL
40-31-9000			<b>4" Storz rear fill, Fireman's Friend</b>	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			<b>Rocker switch panel with master warning switch</b>	1	MTL
50-11-1400			Federal PA300 100 watt siren	1	MTL
50-11-1625	S		<b>Siren speaker, 100 watt, behind chassis grille</b>	1	MTL
50-11-2600			<b>Siren to be accessible to driver and officer</b>	1	MTL
50-11-5809		>	<b>Federal JetSOLARIS 5450 LED light bar red/white</b>	1	MTL
50-11-6501			Rear Directional Light not required	1	MTL
50-11-9010			<b>Rear beacons-Federal Micro Escape LED (pr) - both red</b>	1	MTL
50-12-5020			<b>Front LED flashers (pr)-red Federal QL64XF-R</b>	1	MTL
50-12-5110			<b>Rear LED flashers (pr)-red Federal QL64XF-R</b>	1	MTL
50-12-5210			<b>Front side inter lts (pr)-red LED Federal QL64XF-R</b>	1	MTL
50-12-5310			<b>Body side inter lts (pr)-red LED Federal QL64XF-R</b>	1	MTL
50-12-5410		>	<b>Additional body side inter lts (pr)-red LED Federal QL64XF-R</b>	1	MTL
50-21-1520	U		<b>Rear floods (pr) - Unity LED or equivalent</b>	1	
50-21-2540			<b>FRC telescoping SPECTRA LED 12V flood (ea)</b>	2	MTL
50-21-3010		>	<b>Remote control electric spot (ea) Visibeam</b>	1	MTL
50-21-5100		>	<b>Compartment lighting - LED tube lights in each compartment (rollup doors)</b>	1	MTL
50-21-5500			<b>Door Ajar warning light</b>	1	MTL
50-21-5550			<b>Equipment rack not stowed warning light</b>	2	MTL
50-21-8000			Step lights for body steps	1	MTL
50-21-8100			<b>Step lights for walkway</b>	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			<b>LED intermediate turn signal/clearance/reflector length &gt;30'</b>	1	MTL
50-22-0700			Whelan 64 LED tail/brake-turn-backup module (pr)	1	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
50-31-6560			Ground lighting (LED Lumabar) - 4 door chassis	1	MTL
50-31-6580			Ground lighting (LED Lumabar) - top mount body	1	MTL
50-35-0500			Installation of customer supplied mobile radio	2	MTL
50-35-0560			VHF antenna with base - commercial chassis	1	MTL
50-35-0570			UHF antenna with base - commercial chassis	1	MTL
			BODY	1	MTL
60-10-1400			Single axle extruded aluminum body	1	MTL
60-10-4000			Tapered "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		
60-11-0700	>		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	4	MTL
60-11-3200	>		Full Height Rear compartment	1	MTL
60-11-4000	>		Surface mount aluminum door	2	MTL
60-11-5500			Rollup door - standard height	4	MTL
60-11-5520			Rollup door - full 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
60-31-5800			Special step over rear dump	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	>		Sliding tray (ea) - 400 pound capacity with gas strut	4	MTL
60-31-9600	>		Adjustable shelf (ea)	5	MTL
60-32-3560	S		Three Hose Bed Dividers	1	MTL
60-32-7500			Hose bed - aluminum	1	MTL
60-33-0000			Paint exterior - Imron Elite	1	MTL
60-33-0200	S		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
60-33-3000			Reflective stripe - 4" white	1	MTL
60-33-3310			Reflective stripe - red and yellow chevron at rear	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		
60-40-5500			Suction hose tube (each) with door	2	MTL
60-40-8500	>		Tail light box Fire Extinguisher tubes (pr)	1	MTL
60-41-1000			Pike Pole tube with door	2	MTL
60-41-6005	>		Zico horizontal electric portable tank rack	1	MTL
60-41-6010			ZICO PTS switched at rear above tail light	1	MTL
60-41-9500	>		Zico Horizontal Ladder Access system	1	MTL
60-41-9510			ZICO HLAS switched at rear above tail light	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	S		Top mount instrument panel	1	MTL
70-11-2500			Transverse walkway	1	MTL
70-11-2600			Tread plate overlay on back of chassis cab	1	MTL
70-11-3000			Mansaver bars - 22"	1	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
70-11-3200			Colour coded tags	1	MTL
70-11-3501			Compartments in ends of walkway not required	1	MTL
70-11-4500	S		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	9	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
70-20-3610			Remote PSTANK water level indicators each side, rear with driver E	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	2	MTL
70-21-5500			Panel readout for Battery Conditioner	1	MTL
70-99-10AA	U		Low Voltage Alarm	1	
			ACCESSORIES	1	MTL
80-11-5000			6" x 10' lightweight suction hose (ea)	2	MTL
80-12-2500	S		6" barrel strainer	1	MTL
80-12-4500	S	>	6" low level strainer with 1-1/2" venturi connection	1	MTL
80-13-0500			Rubber mallet	1	MTL
80-13-1200			Clare hose wrenches (double) with holder	3	MTL
80-13-1500			Bar with bracket	1	MTL
80-13-2500			Pike pole, fibreglass handle - 10' long	1	MTL
80-13-2510			Pike pole, fibreglass handle - 6' long	1	MTL
80-13-4000			Axe, pick head, fibreglass handle and bracket	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
80-14-7500			Padded ladder boot - 2 section and roof ladder	1	MTL
80-14-8500			10' aluminum folding attic ladder FL-10	1	MTL
80-14-9000			Attic ladder bracket (Zico)	1	MTL
80-15-0500			1500 l gallon portable tank - Husky	1	MTL
80-16-1500			Akron 2581 gated wye	1	MTL
80-17-0500	S		20# dry chemical fire extinguisher	1	MTL
80-17-1000	S		15# CO2 fire extinguisher	1	MTL
80-17-1500			2 gallon water extinguisher with mount	1	MTL
80-18-0600			SCBA brkt w/strap - ZICO ULLH - crew cab mount	4	MTL
80-18-0840			Pistol grip nozzle holder - ZICO NBM-2	2	MTL
80-19-0500			Large folding wheel chock - aluminum (ea) not mounted	2	MTL
80-19-0600		>	Horizontal bracket for folding wheel chock (ea)	2	MTL
80-99-10AA	U		Air chuck with 25' of 3/8" air hose	1	