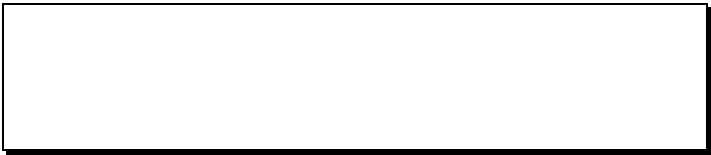Robertville, NB - Top Mount Pumper
Room 205, Marysville Place
20 McGloin Street
Fredericton, NB E3A 5T8

Exp. Date: 04/30/2014
Quote No: 10018-0043 **Job/Order No:** 17883

BODY: 00-10-15 Metalfab Pumper - ULC 05/13

PART NO	S	STN CODE	DESCRIPTION		QTY	ID
			== *Metalfab Pumper - ULC 05/13 - 0.000* ==		*1*	*MTL*
			METALFAB QUOTEWRITER VERSION MAY 2013		1	MTL
00-02-00AA	*U*		*Exceptions to Tender/RFP Document*		*1*	
00-10-1500			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
00-20-2100	*S*		*Plant Inspection Visits*		*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	*S*		*Maximum length 480"*		*1*	*MTL*
10-11-2200	*S*		*Maximum height 136"*		*1*	*MTL*
10-11-2400			*Overall length is 30' or more*		*1*	*MTL*
10-11-2500			General Construction		1	MTL
10-11-3000	*S*		*Manuals - three copies*		*1*	*MTL*
10-11-3600	*S*	*>*	*Delivery - FOB Fire Department*		*1*	*MTL*
10-11-4300	*S*		*Payment Terms - Chassis and Body NET 30*		*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 - International 4400*		*1*	*MTL*
20-11-1500			2013 Emission chassis modifications		1	MTL
20-11-1700			*Chassis Motor Vehicle Inspection required - NB* *E*		*1*	*MTL*
20-21-0500			Fluid capacity plate		1	MTL
20-21-0600			Pumping test plate		1	MTL
20-21-1030			*Maximum riders sign - 5 persons*		*1*	*MTL*
20-21-1510			*Seat belt warning labels - 4 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

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
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
20-31-1000			*Alum tread fuel tank trim, Conv - 4 door*	*1*	*MTL*
20-31-1900			Chassis cab not painted E	1	MTL
20-31-4700		*>*	*Extend front bumper, gravshld with preconnected hosewell*	*1*	*MTL*
			E		
20-31-7500			*Console in cab*	*1*	*MTL*
20-41-0500			*Intake air shutoff for engine* *E*	*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		
20-41-1900			*Battery boost terminals with chassis*	*1*	*MTL*
			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
20-41-5500			*ON SPOT Automatic traction chains*	*1*	*MTL*
20-51-0500			Master disconnect switch - manual	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*
20-51-5600			*Flashing headlights w/ daytime running lights*	*1*	*MTL*
20-51-6500			*Kussmaul Autocharge 1000 battery conditioner w/battery saver*	*1*	*MTL*
20-51-7101			*Electric System Management not required*	*1*	*MTL*
			E		
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
20-51-9000	*S*		*Air horns on hood, Chassis OEM switch controlled*	*1*	*MTL*
20-52-3000		*>*	Chassis steering wheel lined up by others	1	MTL
20-52-4000			*Rear View Camera system*	*1*	*MTL*
20-60-0400			Chassis wheelbase does not change	1	MTL
			PUMP AND PLUMBING	1	MTL
30-11-5600			Hale QFLO Single stage 1050 IGPM	1	MTL
30-12-3300			*Mechanical seal for Hale QFLO/QPAK pumps*	*1*	*MTL*
30-15-0102			*Plumbing - Hale manifold pump TM SS*	*1*	*MTL*
30-20-1000			*Valves and controls - top mount panel*	*1*	*MTL*
30-20-1001			*Valve brand not specified* *E*	*1*	*MTL*
30-20-1600			*Piping stainless steel - general*	*1*	*MTL*
30-20-1700	*S*		*1-1/2" thread specifications - Red Head Storz*	*1*	*MTL*
30-20-1800	*S*		*2-1/2" thread specifications - Red Head Storz*	*1*	*MTL*
30-20-2000			Piping hydrostatic test	1	MTL
30-20-2500			*Anodes in suction and discharge piping*	*1*	*MTL*
30-21-8510			*Tank to Pump 4" butterfly valve SS, handwheel control, check valve manifold pump*	*1*	*MTL*
30-22-2030			*Tank Fill valve 3" TM SS*	*1*	*MTL*
30-31-4010			*Suction - 6" not gated each side manifold pump*	*1*	*MTL*
30-31-5000	*S*		*Suction - 4" SS piping to front - 6" connection*	*1*	*MTL*
30-31-5100	*S*		*Suction - 5" SS piping to rear - 6" connection*	*1*	*MTL*
30-31-7200		*>*	*Hale master intake suction valve - electric control*	*4*	*MTL*
30-32-7530			*Suction - 2-1/2" left side SS, bleeder, Hale manifold pump*	*1*	*MTL*
30-32-8030			*Suction - 2-1/2" right side SS, bleeder, Hale manifold pump*	*1*	*MTL*
30-40-2030			*4" right discharge TM SS, plumbed 3", Hale manifold pump*	*1*	*MTL*
30-41-2030			*2-1/2" RS discharge TM SS, bleeder, Hale manifold pump*	*1*	*MTL*
30-41-2530			*2-1/2" LS discharge TM SS, bleeder, Hale manifold pump*	*2*	*MTL*

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
30-43-1530			*2-1/2" rear discharge TM SS, plumbed 2-1/2", bleeder*	*2*	*MTL*
30-44-0530			*1-1/2" crosslay (each) TM SS, 2" valve, bleeder*	*2*	*MTL*
30-44-1030		*>*	*1-1/2" front trash line TM SS, plumbed 2", hosewell*	*1*	*MTL*
30-44-6530			*Piping for monitor TM SS, 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
30-51-1500			*Power shift PTO - Automatic transmission*	*1*	*MTL*
30-51-1501			*PTO driveshaft* *E*	*1*	*MTL*
30-51-6640			*Class One "TPG Plus" Governor/Throttle*	*1*	*MTL*
30-51-7000	*S*		*Suction side relief V/V, manifold pump*	*4*	*MTL*
30-51-7700			*Primer Hale oil less ESP with oil tank Hale*	*1*	*MTL*
30-51-7800			*Pre Primer for gated suction Hale primer*	*1*	*MTL*
30-51-8100			*Heat exchanger included with chassis*	*1*	*MTL*
30-52-1000			Master drain V/V, 12 port	1	MTL
30-52-2000			*Drain valve for foam system header*	*1*	*MTL*
30-52-5610			*Foam system-Hypro FoamPro 2001 Dual Tank*	*1*	*MTL*
30-52-6500			*FoamPro dual tank selector valve (manual)*	*1*	*MTL*
30-52-8100			*Electric foam fill pump with panel pickup*	*2*	*MTL*
30-52-9200			*Foam System Instruction Plates*	*1*	*MTL*
30-52-9400			*NFPA Foam System certification test*	*1*	*MTL*
30-60-0510	*S*		*Pneumax 140-P Compressed Air Foam System*	*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*	*2*	*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			*Foam cell - 20 Imperial gallon*	*2*	*MTL*
40-21-1000			*4" tank to pump connection*	*1*	*MTL*
40-22-1500			*3" tank fill connection*	*1*	*MTL*
40-23-0500			1" water level gauge connection	1	MTL
40-23-1000			*1" foam level gauge connection*	*2*	*MTL*
40-23-1050			*4" Fireman's Friend connection*	*1*	*MTL*
40-23-1060			*10" Newton dump 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
40-31-3500			*10" rear Newton dump,stainless steel*	*1*	*MTL*
40-31-3600			*Newton dump - stainless steel 36" telechute*	*1*	*MTL*
40-31-5500			*Electric operator for Newton dump*	*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*
50-11-1400			Federal PA300 100 watt siren	1	MTL
50-11-1620			Siren speaker,100 watt, in front bumper	1	MTL
50-11-2600			*Siren to be accessible to driver and officer*	*1*	*MTL*
50-11-5809		*>*	*Federal JetSOLARIS 5450 LED light bar red/white*	*1*	*MTL*
50-11-6501			Rear Directional Light not required E	1	MTL
50-11-9010			*Rear beacons-Federal Micro Escape LED (pr) - both red*	*1*	*MTL*
50-12-5020			*Front LED flashers (pr)-red Federal QL64XF-R*	*1*	*MTL*
50-12-5110			*Rear LED flashers (pr)-red Federal QL64XF-R*	*1*	*MTL*
50-12-5210			*Front side inter lts (pr)-red LED Federal QL64XF-R*	*1*	*MTL*
50-12-5310			*Body side inter lts (pr)-red LED Federal QL64XF-R*	*1*	*MTL*
50-12-5410		*>*	*Additional body side inter lts (pr)-red LED Federal QL64XF-R*	*1*	*MTL*
50-21-1520	*U*		*Rear floods (pr) - Unity LED or equivalent*	*1*	

PART NO	S	STN CODE	DESCRIPTION		QTY	ID
50-21-2540			*FRC telescoping SPECTRA LED 12V flood (ea)*		*2*	*MTL*
50-21-3010		*>*	*Remote control electric spot (ea) Visibeam*		*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*
50-21-5550			*Equipment rack not stowed warning light*		*2*	*MTL*
50-21-8000			Step lights for body steps		1	MTL
50-21-8100			*Step lights for walkway*		*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			*LED intermediate turn signal/clearance/reflector length >30'*		*1*	*MTL*
50-22-0700			Whelan 64 LED tail/brake-turn-backup module (pr)		1	MTL
50-31-6560			*Ground lighting (LED Lumabar) - 4 door chassis*		*1*	*MTL*
50-31-6580			*Ground lighting (LED Lumabar) - top mount body*		*1*	*MTL*
50-31-7000		*>*	*Work light for crosslay hose beds*		*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*	*E*	*1*	*MTL*
60-10-4600			Painted fender surround	E	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* *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*	*E*	*1*	*MTL*
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			*Three 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*
60-33-3000			*Reflective stripe - 4" white*		*1*	*MTL*
60-33-3310			*Reflective stripe - red and yellow chevron at rear*		*1*	*MTL*
60-33-3500			Tarp over hose bed - black		1	MTL
60-33-4000			*Tarp over crosslays - black*		*1*	*MTL*
60-40-5500			*Suction hose tube (each) with door*		*2*	*MTL*
60-40-8500		*>*	*Tail light box Fire Extinguisher tubes (pr)*		*1*	*MTL*

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
60-41-1015			*Pike Pole tube in suction hose tube*	*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*
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*	*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
70-20-3610			*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*
70-21-2100		*>*	*PTO Hourmeter*	*1*	*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*	