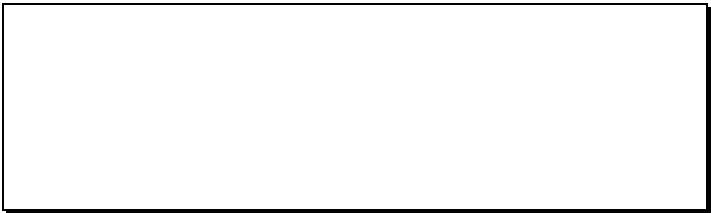




Town of St. George
 Chief Sean Morton
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 506-755-4320
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Exp. Date: 06/11/2016
Quote No: JTONB-0011 **Job/Order No:** 19196
BODY: 00-10-15 Metalfab Pumper - ULC 05/13

06/13/2017

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
			CHANGE ORDER D	1	MTL
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	S		Polypropylene Tank Lifetime Warranty	1	MTL
00-20-2100	S <		Plant Inspection Visits	1	MTL
			3 visits for 3 people as follows;		
			1. When pump is mounted		
			2. During Construction		
			3. Pre-delivery - Unit to be loaded and weighed for pre-delivery inspection		
00-20-2800	S		Bid Bond/Performance Bond required (Canada)	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
10-11-0110			Vehicle data recorder included with chassis	1	MTL
10-11-1101	S <		ULC S515-13 and NFPA 1901-2009 Compliance	1	MTL
			E		
			The town will supply the loose equipment not listed in the RFP document		
10-11-1500		>	ULC Testing - Pumper	1	MTL
10-11-2100			Maximum length not specified E	1	MTL
10-11-2200			Maximum height not specified E	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	1	MTL
			Meeting to be held at the Town of St-George		
			Pre-construction Change Order to be completed 30 days from Pre-Construction meeting date.		
10-11-3000		<	Manuals - two copies	1	MTL
			Two hard copies and 1 electronic copy		
			To include all electrical drawings, plumbing general arrangement, accessory mounting and pump panel layout		

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
10-11-3600	S	< >	Delivery - FOB Fire Department Must be delivered under its own power Request 2 training sessions To be completed within 14 days of delivery \$500 per day late fee to be applied after a mutually agreed upon delivery date	1	MTL
10-11-4200	S		Payment Terms - Chassis COD, Body net 7-days for 90%, Remainder 10% net 60 days	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 - Freightliner M2 106 4 door chassis	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
20-21-1520			Helmet warning label - do not wear helmet	1	MTL
20-21-1530			Tire Pressure Indicators - Single Axle	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
20-21-3810			Front mudflaps provided with chassis E	1	MTL
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	S		Alum tread fuel tank trim, Conv - 4 door	1	MTL
20-31-1900	S		Chassis cab painted two-tone by chassis OEM	1	MTL
20-31-4700		>	Extend front bumper, gravshld with preconnected hosewell E	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 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
20-51-0710			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	S		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
20-51-6200	S	>	120 volt 20 A shore line connection	6	MTL
20-51-6500			Kussmaul Autocharge 1000 battery conditioner w/battery saver	1	MTL
20-51-7100			Electric System Manager	1	MTL
20-51-7300	U		Low voltage alarm - ESM remote panel in rocker switch panel	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	S		Air horns and foot controlled switches supplied by chassis OEM	1	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
20-52-3500		>	Chassis steering wheel lined up by Metalfab	1	MTL
			E		
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
30-15-0104			Plumbing - Hale manifold pump SM SS	1	MTL
30-20-0500			Valves and controls - side mount panel	1	MTL
30-20-1001			Valve brand not 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 NPSH	1	MTL
30-20-2000			Piping hydrostatic test	1	MTL
30-20-2500			Anodes in suction and discharge piping	1	MTL
30-21-9510			Tank to Pump 4" Ball valve SS, handwheel control with check valve manifold pump	1	MTL
30-22-2020			Tank Fill valve 3" SS	1	MTL
30-31-4010	S		Suction - 6" each side manifold pump	1	MTL
30-31-50AA	U	<	Suction, 4" stainless pipe to front, handwheel control, 6" elbow	1	
			SOPT 659		
			Include 6" CP elbow with screen		
			Include 4" NPTF x 6" NHM CP adapter		
30-31-7100	S	>	Hale master intake suction valve - LS electric/RS manual	2	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
30-40-2020			4" right discharge SS, plumbed 3", Hale manifold pump	1	MTL
30-41-2020			2-1/2" RS discharge SS, bleeder, Hale manifold pump	1	MTL
30-41-2520			2-1/2" LS discharge SS, bleeder, Hale manifold pump	2	MTL
30-43-1520			2-1/2" rear discharge SS, plumbed 2-1/2", bleeder	1	MTL
30-44-1000		>	1-1/2" front trash line, plumbed 2", hosewell	1	MTL
30-44-6520	S		Piping for monitor SS, plumbed 3", bleeder	1	MTL
30-44-8500	S	< >	Hose reel, 1" X 200', nozzle, electric rewind	1	MTL
			Mount reel in top center of the pump house with hose rollers on each side to allow use to either side of the truck (roller and spool assemblies ordered with the hose reel and mounted on the top edges of pump house - one assembly each side).		
			Locate rewind button both sides of pump house at eye level. Note that nozzle provided is an Akron Assault 4802 pistol grip with 1" NST swivel, spinning teeth, and capacity of 40 GPM at 100 PSI to match previous unit		
30-51-0500			Pump shift-Midship air	1	MTL
30-51-0700			Pump Gearbox mounted manual over ride for pump shift	1	MTL
			E		
30-51-6640			Class One "TPG Plus" Governor/Throttle	1	MTL
30-51-7000			Suction side relief V/V, manifold pump	2	MTL
30-51-7700			Primer Hale oil less ESP with oil tank Hale	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
30-52-9100			Foam concentrate label at foam tank fill	2	MTL
30-52-9200			Foam System Instruction Plates	1	MTL
30-52-9400			NFPA Foam System certification test	1	MTL
			WATER AND FOAM TANKS	1	MTL
40-11-2100	S		Polypropylene water tank (Imperial gallons)	1	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
40-11-2200			Water tank capacity certification (tank manufacturer)	1	MTL
40-11-5500	S		Tank capacity 1200 Imperial Gallons	1	MTL
40-12-4500	S		Foam cell - 10 Imperial gallon - Class A	1	MTL
40-12-4500	S		Foam cell - 10 Imperial gallon - Class B	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
40-22-1500			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
40-23-1060	S		10" Newton dump connection	1	MTL
40-30-0400			3" plug in sump box	1	MTL
40-30-1000			Water Fill Box front left corner	1	MTL
40-31-4500			10" rear Newton dump, painted steel	1	MTL
40-31-4600			Newton dump, side mount manual operation	1	MTL
40-31-5000			Newton dump - 36" telechute painted steel	1	MTL
40-31-6050			Rear fill not requested	1	MTL
			ELECTRICAL		
50-11-0500		<	Base electrical system	1	MTL
			Panel to be mounted in the right side pump house, have a hinged cover and be weather resistant		
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	S		Rocker switch panel with master warning switch	1	MTL
50-11-1400		<	Federal PA300 100 watt siren	1	MTL
			Radio communication to be linked to siren speaker on command		
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
50-11-5810	S	>	Federal lighting package	1	MTL
50-11-58AA	U	<	Federal Navigator NVG60 LED with Alley lights	1	
			SOPT		
50-11-7600			Rear LED Signal Master warning lights	1	MTL
50-11-8001	S	< >	LED NVG10 rear beacons	1	MTL
			LS beacon to be Amber, RS beacon to be Red		
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
50-21-15AA	U	<	Unity LED rear floods (pr)	1	
			SOPT 255a		
			Switched in cab and also interlocked with reverse gear of transmission		
50-21-2520	U		FRC telescoping SPECTRA LED 12V flood (ea)	2	
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
50-21-82AA	U		12" Lumabar LED step lights for four door chassis	1	
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	S		Whelen 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

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
50-31-65AA	U		Hose bed lighting - LED on front partition (ULC requirement)	1	
50-35-0500	S		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
50-35-0590			Cellular/TMR antenna with base - commercial chassis	2	MTL
			BODY	1	MTL
60-10-1400			Single 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 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	S	>	High side compartment (over 18") each	2	MTL
60-11-3200	S	>	Full Height Rear compartment	1	MTL
60-11-5500			Rollup door - standard height	2	MTL
60-11-5520			Rollup door - full height	5	MTL
60-31-4100	S		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
60-31-8800	S	>	Sliding tray (ea) - 600 pound capacity	2	MTL
60-31-9600	S	>	Adjustable shelf (ea)	7	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			Eaint pump and plumbing job colour	1	MTL
60-33-1500			Buffed finish compartment interior	1	MTL
60-33-2300	S	<	Lettering - special graphics on roof	1	MTL
			Only lettering is on roof ("453") - remainder will be installed by Fire Department after truck is delivered.		
			This lettering to be RED, non reflective, approximately 22" high letters. Top of number is at front of truck.		
60-33-3000	S		Reflective stripe - 4" white/red	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
60-33-4700			No crosslay preconnects on vehicle	1	MTL
			E		
60-40-8500	>		Tail light box Fire Extinguisher tubes (pr)	1	MTL
60-40-851A	U	<	Adjustment bracket 1006-Y to hold extinguisher in tube	2	
			60-40-8500		
			SOPT 1007		
60-40-9000	>		Tube mount for ladders, with rear door	2	MTL
60-41-1015	S		Pike Pole tube in ladder storage tube	2	MTL
60-41-1500	S		Attic ladder tube in ladder storage tube	1	MTL
60-99-0100	U		Suction hose tube through tank	1	
60-99-05AA	U	<	5-1/2" drawer over wheels	2	
			SOPT 336		
			Drawers to be approximately 24" deep and 5-1/2" interior high after turtle tile with two "D" handle latches.		

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
			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			Colour coded tags	1	MTL
70-11-4100			Stainless steel side panel hood left side	1	MTL
70-11-4500	S		Diamondback grip type panel hood step right side	1	MTL
70-11-5100		<	Open storage at rear top of pump house	1	MTL
			Hose reel is centered in the top of open top storage rearward of monitor piping		
			Reinforcement of pump house from mount to chassis frame required.		
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
			Isolation valves to be at the right side pump panel and easily accessible in case of heater failure. This is in addition to the isolator valves at the engine connection.		
70-20-1500			2-1/2" pressure gauge - dual face 0-600	8	MTL
70-20-2500			Primer control	1	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
70-21-1000			Low Voltage Alarm	1	MTL
70-21-1500	S		Electric Foam Level gauge on pump panel, Class One	2	MTL
70-21-5500			Panel readout for Battery Conditioner	1	MTL
71-21-3500			Headset compartment	1	MTL
			ACCESSORIES	1	MTL
80-11-5000			6" x 10' lightweight suction hose (ea)	2	MTL
80-12-2500			6" barrel strainer	1	MTL
80-12-25AA	U	<	Supply and install mount for 6" barrel strainer	1	
			SOPT 51		
			Locate in upper rear corner of rear compartment		
80-12-45AA	U	<	6" low level strainer with 1-1/2" venturi connection	1	
			SOPT 394		
			The low level strainer flow rate must match the pump capacity.		
			TFT A03HNX-JET		
			Standard 6" NH thread, and 1-1/2" NPSH thread.		
			Strainer is shipped loose, not mounted - to be mounted by Customer		
80-13-0500			Rubber mallet	1	MTL
80-13-05AA	U	<	PAC tool bracket for rubber mallet	1	
			SOPT 319		
			Locate on front sidewall of front LS compartment (next to pump panel)		
			PAC Toolok 1003 Metalfab 1562258		
80-13-1000	S	<	Hose wrenches (double) with holder	3	MTL
			1 set to be mounted on right side panel, 1 set on the rear, 1 set on front sidewall of front LS compartment (next to pump panel)		

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
80-13-2500	<		<i>Pike pole, fibreglass handle - 10' long</i> Mount in pike pole tubes tubes within the suction hose tubes	2	MTL
80-13-4000	S <		<i>Axe, pick head, fibreglass handle and bracket</i> Mount on LS sidewall of rear compartment	1	MTL
80-13-4500	S <		<i>Axe, flat head, fibreglass handle and bracket</i> Mount on RS sidewall of rear compartment	1	MTL
80-14-2500	<		<i>35' 3 section extension ladder PEL3-35</i> Store in ladder tube	1	MTL
80-14-5500	<		<i>14' aluminum roof ladder PRL-14</i> Store in ladder tube	1	MTL
80-14-8500	<		<i>10' aluminum folding attic ladder FL-10</i> To be stored in attic tube	1	MTL
80-16-1500	<		<i>Akron 2581 gated wye</i> 2.5" NPSH female to dual 1.5" NPSH male Not mounted, shipped loose - to be mounted by Customer	1	MTL
80-17-0500	S <		<i>20# dry chemical fire extinguisher</i> Mount in LS fire extinguisher box	1	MTL
80-17-1000	S <		<i>15# CO2 fire extinguisher</i> Mount in RS fire extinguisher box	1	MTL
80-18-0500	S		<i>SCBA bracket with strap - compt mount</i>	7	MTL
80-18-0600			<i>SCBA brkt w/strap - ZICO ULLH - crew cab mount</i>	4	MTL
80-18-0840	<		<i>Pistol grip nozzle holder - ZICO NBM-2</i> One to be installed on each side of the pump house to handle the hose reel nozzle	2	MTL
80-19-0500	<		<i>Large folding wheel chock - aluminum (ea) not mounted</i> Shipped loose - no mounting bracket requested, to be mounted by Customer	2	MTL
80-99-05AA	U <		<i>Supply and install a David Clark Headset</i> SOPT 894 (includes coiled cord and connector in pump panel headset compartment Stored in headset compartment on pump operators panel Wired to customer specified VHF radio in cab console	1	
80-99-10AA	U <		<i>Air chuck with 25' of 3/8" air hose</i> SOPT 777 Not mounted, shipped loose - to be mounted (stored) by Customer	1	
80-99-15AA	U		<i>4" Storz x 2-1/2" M NPSH adapter and cap</i>	1	