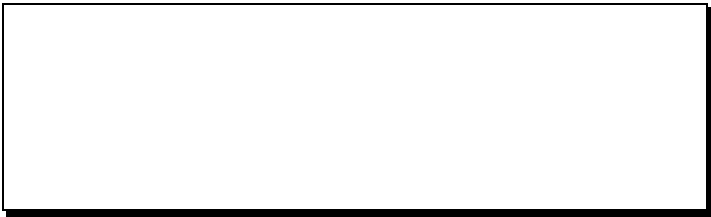




Shop Order-00-10-31: Unclassified

Thorburn and District Fire Department
 Derrick Heatley
 738 Marsh Road
 Thorburn, NS B0K 1W0
 902 922 3419 Home
 dheatley@eastlink.ca



Exp. Date: 10/04/2014
Quote No: JTHNS-0011 **Job/Order No:** 18262
BODY: 00-10-31 Metalfab Tanker - ULC 05/13

02/13/2017

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PART NO	S	STN CODE	DESCRIPTION	QTY	ID
			== Metalfab Tanker - ULC 05/13 - 0.000 ==	1	MTL
			Change Order B	1	MTL
00-10-1000			Metalfab Tanker	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
00-20-1700			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	1	MTL
10-11-0105			Vehicle Data Recorder not requested	1	MTL
10-11-1100	S		ELC S515-13 Compliance	1	MTL
10-11-1600		>	ULC Testing - Tanker	1	MTL
10-11-2100	S		Maximum length - 307"	1	MTL
10-11-2200			Maximum height not specified	1	MTL
10-11-2300			Overall length is less than 30'	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	S	<	Payment Terms - Chassis Net 10 days, Balance COD	1	MTL
			Change Order B - as per Jacques notes - the Customer needs an invoice as soon as this Change Order is done so they can go to be bank and complete the loan before the end of November.		
10-20-1200			Hose bed capacity - standard ULC Tanker	1	MTL
10-20-2200			Equipment carrying capacity - standard ULC Tanker	1	MTL
			CHASSIS INFORMATION	1	MTL
20-11-1000	S		Chassis supplied by Metalfab - Freightliner M2 106	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

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
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
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
20-31-0500			Alum tread fuel tank trim, Conv - 2 door	1	MTL
20-31-1900			Chassis cab not painted	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		
20-41-1900			Battery boost terminals with chassis	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			Rear Tow Hook - pintle 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
20-51-3000			Air inlet with matching fitting - LS	1	MTL
20-51-3400			Protection valve installed for air operated accessories	1	MTL
20-51-7100			Electric System Manager	1	MTL
20-51-8000	S	<	120 volt - 15 A volt inlet	1	MTL
			Wired to the Customer supplied battery minder (in parts room).		
20-51-8500			Engine compartment lights (pair)	1	MTL
20-51-9001	S		Air horns with chassis	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
			PUMP AND PLUMBING	1	MTL
30-11-1000			Hale AP PTO pump - 420 IGPM	1	MTL
30-15-0303			Plumbing - non manifold pump SM	1	MTL
30-20-0500			Valves and controls - side mount panel	1	MTL
30-20-1001			Valve brand not specified	1	MTL
30-20-1630			Piping galvanized steel - PTO pump	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
30-20-2505			Anodes in suction and discharge piping not requested	1	MTL
30-21-5510			Tank to Pump 3" w/ check valve non manifold pump	1	MTL
30-22-1500			Tank Fill valve 2-1/2"	1	MTL
30-31-3500	S		Suction - 5" not gated each side non manifold pump 5" header	1	MTL
30-32-7520			Suction - 2-1/2" left side, bleeder, non manifold pump	1	MTL
30-41-2006			2-1/2" RS discharge, bleeder, non manifold pump	1	MTL
30-41-2506			2-1/2" LS discharge, bleeder, non manifold pump	1	MTL
30-43-1500	S		2-1/2" rear discharge, plumbed 2-1/2", bleeder	1	MTL
30-44-0500			1-1/2" crosslay (each), 2" valve, bleeder	2	MTL
30-51-0400			Pump shift - PTO Pump and Roll	1	MTL
30-51-1500			Power shift PTO - Automatic transmission	1	MTL
30-51-1501			PTO driveshaft	1	MTL
30-51-6630			Class One "TPG" Governor/Throttle	1	MTL
30-51-7000			Suction side relief V/V, manifold pump	1	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

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
30-52-1000			Master drain V/V, 12 port	1	MTL
30-52-3001			Foam system not requested	1	MTL
			E		
			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
40-11-6500			Tank capacity 1500 Imperial Gallons	1	MTL
40-21-1000			4" tank to pump connection	1	MTL
40-22-1000			3" tank fill connection	1	MTL
40-23-0500			1" water level gauge connection	1	MTL
40-23-1040			4" direct fill connection	1	MTL
40-23-1060			10" Newton dump connection	1	MTL
40-30-0500			Sump drain valve (3" gate valve) with linkage	1	MTL
			E		
40-30-1000			Water Fill Box front left corner	1	MTL
40-31-4500			10" rear Newton dump, painted steel	1	MTL
40-31-5000			Newton dump - 36" telechute painted steel	1	MTL
40-31-5500			Electric operator for Newton dump	1	MTL
40-31-5600	>		Rotating dump chute for Newton dump painted steel	1	MTL
40-31-5800			Support for rotating dump chute if necessary	1	MTL
40-31-8000	<		4" Storz rear gtd fill	1	MTL
			To be installed as low as possible		
			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
50-11-2500			Siren to be accessible to driver only	1	MTL
			E		
50-11-5809	S >		Federal JetSOLARIS 5450 LED light bar red/white	1	MTL
50-11-6501			Rear Directional Light not required	1	MTL
			E		
50-11-7600	S		Rear LED Signal Master warning lights	1	MTL
50-11-8900			Rear beacons-Federal Sentry (pr) 1 red, 1 amber	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
50-21-3010	>		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
50-21-8001			Step lights for body steps - 4" LED	1	MTL
50-21-8201			Step lights for chassis steps - LED marker type	1	MTL
50-21-8600			LED clearance lts and reflectors	1	MTL
50-22-0700			Whelan 64 LED tail/brake-turn-backup module (pr)	1	MTL
50-31-6600	S <		Ground lighting (TecNiq LED) - 2 door chassis	1	MTL
			Total of four (4) Model Number E10-WS00-1		
			Two (2) lights under front bumper		
			One (1) light under each cab entry step		
50-31-6620	S <		Ground lighting (TecNiq LED) - side mount body	1	MTL
			Total of four (6) Model Number E10-WS00-1		
			Two (2) lights under rear step		
			One (1) light under each pump panel step		
			One (1) light under each front compartment.		
50-31-7000	S >		Work light for crosslay hose beds	1	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
50-35-0500	S		<i>Installation of customer supplied mobile radios</i>	1	MTL
50-99-05AA	U		<i>TecNiq LED parking/dock lights in rear fender (pr)</i>	1	
50-99-10AA	U	<	<i>Whelen Pioneer PFA1P1 12-volt LED extenda lights</i>	2	
			12-Volt Extenda light - Whelen Pioneer PFA1P1 - SOPT form in file (p/n 1562611 & 1562612)		
			One installed on each side of the pump house		
50-99-4500	U	<	<i>Whelen PFBP12C LED rear flood lights (pr)</i>	1	
			Change Order B - Customer's replacement lights FRC 5000 lumen lights are here (in parts room)		
50-99-50AA	U		<i>Hose bed lights on front partition (3 x 12" LED Lumabars H20)</i>	1	
			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
60-11-0150	S	< >	<i>Rear left side compartment - rear of fender/under flasher</i>	1	MTL
			Modifications to the rear part of fender for the installation of a compartment as large as possible under the flasher. The door will be a smooth painted surface mount type (60-11-4000).		
60-11-0200		>	<i>Front left side compartments intermediate height</i>	1	MTL
60-11-0550	S	< >	<i>Rear right side compartment - rear of fender/under flasher</i>	1	MTL
			Modifications to the rear part of fender for the installation of a compartment as large as possible under the flasher. The door will be a smooth painted surface mount type (60-11-4000).		
60-11-0600		>	<i>Front right side compartments intermediate height</i>	1	MTL
60-11-1700			<i>No rear left side compartments</i>	1	MTL
60-11-1800			<i>No rear right side compartments</i>	1	MTL
60-11-1900		>	<i>Low side compartment (up to 18") each</i>	2	MTL
60-11-3100			<i>No rear compartment</i>	1	MTL
60-11-4000	S	< >	<i>Surface mount aluminum door - painted job color</i>	2	MTL
			One for 60-11-0150 and one for 60-11-0550		
60-11-4500			<i>Flush mount aluminum door - single with "D" handle</i>	2	MTL
60-11-5510			<i>Rollup door - intermediate height</i>	2	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
60-31-8700		>	<i>Sliding tray (ea) - 400 pound capacity with gas strut</i>	2	MTL
60-31-9600	S	>	<i>Adjustable shelf (ea)</i>	2	MTL
60-32-3550			<i>Two adjustable hose divider (each)</i>	1	MTL
60-32-7500			Hose bed - aluminum	1	MTL
60-33-0000			<i>Paint exterior - Imron Elite</i>	1	MTL
60-33-0200			Undercoat vehicle with KROWN rust protection	1	MTL
60-33-0600			<i>Chassis wheels not painted</i>	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		<i>Lettering - 80 letters up to 3" tall - 3 colour</i>	1	MTL
60-33-3000			<i>Reflective stripe - 4" white</i>	1	MTL
60-33-3310	S		<i>Reflective stripe - red and yellow chevron at rear</i>	1	MTL
60-33-3500			Tarp over hose bed - black	1	MTL
60-33-4000			<i>Tarp over crosslays - black</i>	1	MTL
60-40-5000	S		<i>6" Hose tray - top mount (ea)</i>	1	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
60-40-5500		<	<i>Suction hose tube (each) with door</i> To be completely enclosed and sealed	2	MTL
60-40-56AA	U		<i>Install Teflon at bottom of suction hose tube (ea)</i>	3	
60-41-1015			<i>Pike Pole tube in suction hose tube</i>	2	MTL
60-41-7000	S	< >	<i>Drop down portable tank rack - manual operation</i> For customer supplied Portable Tank Customer to provide dimensions of tank; Length - 139" Width - 31" Folded Thickness - 12"	1	MTL
60-41-7100			<i>Tread plate on body behind porta tank rack</i>	1	MTL
60-41-7120	S		<i>Tread plate exterior manual drop down porta tank rack</i>	1	MTL
60-41-7500	S	< >	<i>Drop down ladder rack - 2 section, roof - manual operation</i> For Metalfab supplied 24' 2-section ladder and customer supplied 14' roof ladder. Customer to provide make and model of the 14' roof ladder; Make - CE Thibault 16" wide rungs and 14" between each rung	1	MTL
60-41-7520			<i>Assist handles for manual drop down ladder rack</i>	1	MTL
60-41-7530			<i>Assist handles for manual drop down portable tank rack</i>	1	MTL
			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		<i>Colour coded tags</i>	1	MTL
70-11-4100			Stainless steel side panel hood left side	1	MTL
70-11-4500	S		<i>Diamondback grip type panel hood step right side</i>	1	MTL
70-11-5000			Standard cover over rear top of pump house - no storage	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
70-20-0500			4-1/2" compound gauge - dual face 0-600	2	MTL
70-20-1500			<i>2-1/2" pressure gauge - dual face 0-600</i>	5	MTL
70-20-2500			Primer control	1	MTL
70-20-3100			<i>Class One Governor Control</i>	1	MTL
70-20-3510			<i>Electric water level gauge on pump panel and at rear, Class One</i>	1	MTL
70-20-6500			Test gauge panel	1	MTL
70-20-7500			<i>Heat exchanger control valve</i>	1	MTL
70-21-2100		>	PTO Hourmeter	1	MTL
			ACCESSORIES	1	MTL
80-11-4000			<i>5" x 10' lightweight suction hose (ea)</i>	2	MTL
80-11-4000	S		<i>5" x 10' lightweight suction hose (ea)</i>	1	MTL
80-12-2200			<i>5" floating strainer</i>	1	MTL
80-13-0500			Rubber mallet	1	MTL
80-13-2500			<i>Pike pole, fibreglass handle - 10' long</i>	2	MTL
80-14-0500			<i>24' 2 section extension ladder PEL 24</i>	1	MTL
80-99-05AA	U		<i>4" Storz to 2.5" female reducer with end cap</i>	1	
80-99-10AA	U		<i>South Park 5" butterfly vavle for drafting purposes only</i>	1	
80-99-15AA	U		<i>Blitzfire Monitor w/oscilating feature, Max-Force Nozzle</i>	1	