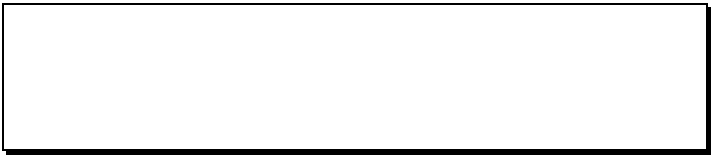




Shop Order

Town of Sackville
 Town Hall PO Box 6191
 31C Main Street
 Sackville, NB E4L 1G6



Sales Rep: Jacques Pelletier Metalfab Ltd	Terms: Chassis, Body and Equipment Net 30 days
Drawing #: FT-10914	
Est. Delivery Date: / /	
Customer PO #: C02290	Penalty:
Customer #: 141	None
QPF #:	

Quote No: E-Sackville-NB-0010
Job/Order No: 19773
 03/08/2018

PART NO	QTY	DESCRIPTION
	1	== Metalfab Pumper - ULC 05/13 - 0.000 ==
	1	CHANGE ORDER E
00-10-1500	1	Metalfab Pumper E
00-20-1000	1	Company Profile E
00-20-1500	1	Standard Body Warranty
00-20-1550	1	Metalfab Limited Ten (10) Year Paint and Corrosion Warranty
00-20-1600	1	Waterous Pump Warranty - 5 years
00-20-1800	1	Polypropylene Tank Lifetime Warranty
00-20-2100	1	Plant Inspection Visits - 3 visits, 6 persons
00-20-3000	1	Security Deposit - \$5,000.00
00-20-3500	1	Certification for Fusion Welding of Aluminum
00-20-4000	1	Quality System registered to ISO 9001:2008
00-20-4500	1	Fire Apparatus Manufacturers' Association Membership
	1	GENERAL INFORMATION
10-11-0000	1	Intent E
10-11-0110	1	Vehicle data recorder included with chassis
10-11-1101	1	ULC S515-13 and NFPA 1901-2016 Compliance E
10-11-1500	1	ULC Testing - Pumper
10-11-2100	1	Maximum length not specified E
10-11-2200	1	Maximum height not specified E
10-11-2400	1	Overall length is 30' or more
10-11-2500	1	General Construction
10-11-2600	1	Preconstruction Meeting at the Sackville Fire Department
10-11-3000	1	Manuals - two copies ***Two copies of chassis manuals are required.
10-11-3600	1	Delivery - FOB Fire Department Delivered with a full tank of fuel One full day of training
10-11-4300	1	Payment Terms - Chassis and Body NET 30
10-20-1400	1	Hose capacity exceeding ULC/NFPA requirements Hose bed to carry 500' x 4" hi volume hose (445#) and 1200' x 2-1/2" hose (732#) rather than the standard 400' x 1-1/2" hose (120#) and 800' x 2-1/2" (488#) hose - 569# over ULC requirement

PART NO	QTY	DESCRIPTION
10-20-2000	1	Equipment carrying capacity - standard ULC Pumper
	1	CHASSIS INFORMATION
20-11-1000	1	Chassis supplied by Metalfab - Freightliner M2 112 62,000 lb GVW 16,000 lb front axle 46,000 lb rear axle 247" Wheelbase 181.45" calculated cab to axle Detroit DD13 12.8L 505 HP @1625 rpm, 1900 governed rpm 1850 lb-ft torque @ 975 rpm Allison 4000 EVS automatic transmission, 275 amp alternator 189 Liter fuel tank LH under cab Polished aluminum wheels with trim by dealership ESC L3240 EB Red Elite BC Dual USB charging socket in cab Auxiliary air tank included Dealer mounted tripod convex mirrors on front of hood included
20-11-1500	1	2013 Emission chassis modifications
20-11-1700	1	Chassis Motor Vehicle Inspection required - NB E Chassis is provided with a New Brunswick Motor Vehicle Inspection dated the month of delivery.
20-21-0500	1	Fluid capacity plate
20-21-0600	1	Pumping test plate
20-21-1000	1	Maximum riders sign - 2 persons
20-21-1500	1	Seat belt warning labels - 2 door chassis
20-21-1520	1	Helmet warning label - do not wear helmet
20-21-1540	1	Tire Pressure Indicators - Tandem Axle
20-21-1600	1	Apparatus Information Label An information label is provided in the chassis cab, visible to the driver, stating: "When manufactured, this vehicle was: ** m high ** m long ** kg GVW Changes in height since the apparatus was manufactured shall be noted on this plate by the Fire Department"
20-21-2000	1	Non removable key
20-21-2500	1	Shifter lock not required E
20-21-3500	1	Rear step warning label
20-21-3810	1	Front mudflaps provided with chassis E
20-21-4000	1	Rear mudflaps - Metalfab Logo
20-31-0200	1	Fuel fill label -Ultra Low Sulfur Diesel only
20-31-0500	1	Alum tread fuel tank trim, Conv - 2 door Vertical trim only, OEM cab steps remain
20-31-1900	1	Chassis cab painted by chassis OEM - single color
20-31-7500	1	Console in cab Install switch panel, siren, door ajar, equipment warning, traffic advisor control, two Customer supplied radios, and pump shift in console. Similar layout as the last unit - M12-16671. Storage area with hinged cover and lift and turn latch provided at rear of console. Gray Zolatone finish Provide drawing to Fire Department for approval prior to construction. Include slots for binders in storage compartment.
20-41-0600	1	Intake air shutoff for engine not required
20-41-0900	1	Auxiliary braking system disabled when pumping
20-41-1100	1	Transmission programming - Allison WT ***Includes "Pump Engaged" light next to pump shift on chassis instrument panel.

PART NO	QTY	DESCRIPTION	
20-41-1500	1	Extend exhaust pipe - RS front of rear wheels Engineering to specify exhaust pipe material as required by the chassis manufacturer. Engineering to sign off on the exhaust configuration to make sure it meets the chassis manufacturer's emission specifications.	E
20-41-1900	1	Battery boost terminals with chassis Included with chassis	E
20-41-2200	1	Chassis batteries relocated to body compartment ***Left side front compartment - toward front section of compartment.	E
20-41-2510	1	Fuel fill at step fuel tank under cab	
20-41-2600	1	Chassis fuel tank remains in OEM location	
20-41-5010	1	Rear Tow Hooks - through rear of body Spartan style.	E
20-41-5200	1	Rear trailer receiver and trailer wiring - Class III/IV, 7 pin connector Label capacity and tongue weight capacity adjacent to receiver	
20-51-0710	1	Master Battery Disconnect included with Freightliner chassis	
20-51-2500	1	Back up alarm included with chassis	
20-51-3100	1	Air inlet not required	
20-51-3400	1	Protection valve installed for air operated accessories	
20-51-3500	1	Air outlet Located left side pump panel plumbed through the air system protection valve	
20-51-6200	2	120 volt 20 A shore line connection in chassis cab Standard 5-20R duplex receptacle in chassis cab, not fused Both on back wall of the center console, wired to the 120 volt inlet. Minimum 12" from floor to meet ULC requirements.	
20-51-6600	1	Kussmaul Pump Plus conditioner/compressor Conditioner mounted on back side of console, air compressor located inside pump house accessible through the right side pump access door/panel.	
20-51-7100	1	Electric System Manager	
20-51-7500	1	Super Auto eject for 120 v - 20 A with sealed enclosure Located on the front of the body behind the cab, below the telescoping flood, requires an angled mount.	
20-51-8510	1	Engine compartment light - LED One required to light up engine compartment per ULC and switched with the park brake.	
20-51-9001	1	Air horns and controls as supplied with the Freightliner chassis Hood mounted air horns controlled by dual lanyards are supplied with the chassis.	
20-51-9300	1	Code 3 Utility LED light bar in front bumper - switched with high beams Install a 33" bar that is currently in stock - 1571062 - under the bumper and flush with the face of the bumper	
20-52-3500	1	Chassis steering wheel lined up by Metalfab	E
20-60-0400	1	Chassis wheelbase does not change	
20-99-0010	1	12 volt connection for customer winch SOPT 283a Include a matching connector for customer winch Locate at the rear receiver	
20-99-05AA	1	ProVision two camera, one monitor and recorder system There will be a ProVision dual camera (one backup and one front), monitor and recorder system installed on this unit. The front camera recorder will be activated when the emergency lights are on and voice shall not be recorded.	

PART NO	QTY	DESCRIPTION
		Install monitor in cab in the front dash opening with the monitor as tight to the dash as possible
	1	PUMP AND PLUMBING
30-12-4000	1	<i>Mechanical seals for Waterous pumps</i>
30-12-6000	1	<i>Waterous CSU single stage 1250 IGPM</i>
30-15-0204	1	<i>Plumbing - Waterous manifold pump SM SS</i> E
30-20-0500	1	Valves and controls - side mount panel
30-20-1002	1	<i>Akron valves specified</i>
30-20-1600	1	<i>Piping stainless steel - general</i>
30-20-1700	1	<i>1-1/2" thread specifications - NPSH</i>
30-20-1800	1	<i>2-1/2" thread specifications - 3.125 ODM x 5 TPI (CSA thread)</i> Sample on hand, confirmed CSA thread
30-20-2000	1	<i>Piping hydrostatic test</i>
30-20-2500	1	<i>Anodes in suction and discharge piping</i> Install one anode on discharge side of pump, one anode on suction side of pump - do not use Teflon tape or thread sealant. Paint flange silver and mask brass anode before painting for visibility.
30-21-9510	1	<i>Tank to Pump 4" Ball valve SS, handwheel control with check valve manifold pump</i>
30-22-0520	1	<i>Tank Fill valve 2" SS</i>
30-31-4010	1	<i>Suction - 6" not gated each side manifold pump</i>
30-32-7535	1	<i>Suction - 2-1/2" left side SS, bleeder, Waterous manifold pump</i>
30-40-2025	1	<i>4" right discharge SS, bleeder, plumbed 3", Waterous manifold pump</i>
30-40-2599	1	<i>4" Rear discharge, SS, bleeder, 3" valve, 4" Storz</i> Position discharge low for easy hose hook-up. SOPT 305
30-41-2025	2	<i>2-1/2" RS discharge SS, bleeder, Waterous manifold pump</i>
30-43-1520	2	<i>2-1/2" rear discharge SS, plumbed 2-1/2", bleeder</i> One right side at rear of body, one left side at front partition in hose bed, to the right of the water fill box when looking at the rear.
30-44-0720	2	<i>1-1/2" speedlay (each) front of pumphouse SS, bleeder, plumbed 2"</i> 1-1/2" pre-connects in transverse hose bed at the front of the pump house. Equipped with swivel to allow use from either side of the unit, plumbed with 2" valve to allow the use of 1-3/4" discharge hose. The speedlay is equipped with dual direction aluminum sliding hose trays on UHMW slides with stainless steel rollers on each end for easier hose removal, and end tarps to hold the hose in place. Bleeder valves are provided on the pump panel. Capacity of 250' x 1-3/4" per tray, colours to be confirmed by the Fire Department
30-51-0500	1	<i>Pump shift-Midship air</i> ***Includes "Pump Engaged" and "OK to Pump" indicator lights on chassis instrument panel ***Includes "Throttle Ready" indicator light on Pump operating panel
30-51-0700	1	Pump Gearbox mounted manual over ride for pump shift E
30-51-6640	1	<i>Class One "TPG Plus" Governor/Throttle</i> Confirmed at the pre-construction meeting Presets to be programmed as follows: 1000 rpm 100 psi
30-51-7000	1	<i>Suction side relief V/V, manifold pump</i>
30-51-7718	1	<i>Trident automatic air primer - single location with gauge</i> SOPT 586a
30-51-8100	1	<i>Heat exchanger included with chassis</i>
30-52-1000	1	Master drain V/V, 12 port
30-52-2000	1	<i>Drain valve for foam system header</i>

PART NO	QTY	DESCRIPTION
30-52-4210	1	Foam System - Hypro FoamPro 2002 Single Tank Foam system is plumbed to both speedlays and LS 2-1/2" rear discharge in hose bed
30-52-9100	1	Foam concentrate label at foam tank fill
30-52-9200	1	Foam System Instruction Plates
30-52-9400	1	NFPA Foam System certification test
		WATER AND FOAM TANKS
40-11-2100	1	Polypropylene water tank (Imperial gallons)
40-11-2200	1	Water tank capacity certification (tank manufacturer)
40-11-7500	1	Tank capacity 2500 Imperial Gallons
40-12-4500	1	Foam cell - 20 Imperial gallon
40-21-1000	1	4" tank to pump connection
40-22-0500	1	2" tank fill connection
40-23-0500	1	1" water level gauge connection
40-23-1000	1	1" foam level gauge connection
40-23-1040	1	4" direct fill connection
40-23-1060	1	10" Newton dump connection
40-30-0500	1	Sump drain valve (3" gate valve) with linkage E
40-30-1100	1	Water Fill Box middle left side
40-31-3500	1	10" rear Newton dump, stainless steel
40-31-3600	1	Newton dump - stainless steel 36" telechute
40-31-5500	1	Electric operator for Newton dump
40-31-5688	1	Stainless Steel swivel dump chute (Rotating with lock) SOPT 2 Bumper/stop required to prevent chute from hitting tail lights
40-31-8000	1	4" Storz rear gtd fill
		ELECTRICAL
50-11-0500	1	Base electrical system ***Includes green "Battery On" indicator light on chassis instrument panel.
50-11-0600	1	Warning Light Certification
50-11-0700	1	Low Voltage Electrical system test
50-11-0800	1	Low Voltage Electrical System Documents As required by ULC and NFPA standards
50-11-0900	1	Rocker switch panel with master warning switch ***Rocker switch assignments: MASTER -LIGHT BAR RED -LIGHT BAR CLEAR -REAR BEACONS -FLASHING WARNING -LEFT SCENE -REAR SCENE -RIGHT SCENE -DITCH LIGHTS -REAR FLOODS
50-11-1400	1	Federal PA300 100 watt siren
50-11-1620	1	Siren speaker, 100 watt, in front bumper
50-11-2600	1	Siren to be accessible to driver and officer
50-11-6100	1	Whelen F4N0QLED LED light bar NFPA
50-11-6610	1	Rear LED Traffic Advisor warning lights - flush mount Control located on console 20-31-7500
50-11-8600	1	Rear LED beacons-Whelen MCFLED2R (pr) both red
50-12-8500	1	Front LED flashers (pr)-Whelen red LED 400
50-12-8600	1	Rear LED flashers (pr)-Whelen red LED 400
50-12-8700	1	Front side inter lts (pr) - Whelen red LED 400

PART NO	QTY	DESCRIPTION
50-12-8800	1	Body side inter lts (pr)-Whelen red LED 400
50-12-8900	1	Add'l body side inter lts (pr)-Whelan red LED 400
50-21-1505	1	Unity LED Rear Floods (pr) Note these lights are also used as rear step light and cannot be managed. SOPT 255a
50-21-1610	2	Parking (ditch) lights in rear fenders - LED w/Stainless Steel housing (pr) The ditch lights are installed in the rear fender wells (one pair on the front and one pair on the back). They are controlled by a switch in the cab and the reverse gear of the transmission. These lights are managed through the ESM. SOPT 160a
50-21-2540	2	FRC telescoping SPECTRA LED 12V flood (ea) LED 12 volt telescoping flood light(s) are installed on the front of the pump house. These lights are wired to be controlled by switches on the pump panel and are managed through the ESM. FRC SPA530-Q15-SR
50-21-5100	1	Compartment lighting - LED tube lights in each compartment (rollup doors)
50-21-5500	1	Door Ajar warning light Flashing LED light located in 20-31-7500 console Bilingual Warning label in cab to read: "Do Not Move Apparatus when Light is on"
50-21-5550	2	Equipment rack not stowed warning light 2" flashing lights located in 20-31-7500 console similar to M12-16671 Bilingual Warning label in cab to read: "Do Not Move Apparatus when Light is on"
50-21-8001	1	Step lights for body steps - 4" LED Activated when park brake is set
50-21-8200	1	Step lights for chassis steps - LED - 12" Lumabars Activated when park brake is set
50-21-8388	1	12" LED Lumabars for rear step/platform as required to meet ULC Activated when the park brake is set. SOPT 194a
50-21-8600	1	LED clearance lts and reflectors
50-21-8800	1	LED intermediate turn signal/clearance/reflector length >30'
50-22-0700	1	Whelen 64 LED tail/brake-turn-backup module (pr)
50-31-6006	1	Scene lights (pr) - Federal QL97 LED - Right Side The right scene light(s) will be mounted on the upper side corners of the body. They will be activated by a switch inside the chassis cab and wired through load manager.
50-31-6007	1	Scene lights (pr) - Federal QL97 LED - Left Side The left scene light(s) will be mounted on the upper side corners of the body. They will be activated by a switch inside the chassis cab and wired through load manager.
50-31-6008	1	Scene lights (pr) - Federal QL97 LED - Rear Facing The rear scene light(s) will be mounted on the rear upper corners. They will be activated by a switch inside the chassis cab and wired through load manager. The rear scene lights are also wired to activate when the transmission is placed in reverse gear.
50-31-6010	1	Scene light boxes (2 each side) - painted body color Add CPI LH79201 13 degree angled light housing or equivalent to aim the scene lights down 13 degrees - 6 total

PART NO	QTY	DESCRIPTION	
50-31-6550	1	Ground lighting (LED Lumabar) - 2 door chassis Illuminated when the park brake is set	
50-31-6570	1	Ground lighting (LED Lumabar) - side mount body Illuminated when the park brake is set	
50-31-65AA	1	Hose bed lighting - LED on front partition Activated when park brake is set SOPT 958	
50-35-0500	2	Provision for customer mobile radios Radios to be a Motorola PM400 and a Kenwood TK8180H - opening of 6-1/2" x 1-3/4" for both radios in cab console Antenna wires and power provision to be provided in the cab console	
50-35-0560	1	VHF antenna with base - commercial chassis Locate 52" from 50-35-0570 UHF antenna	
50-35-0570	1	UHF antenna with base - commercial chassis Locate 52" from 50-35-0560 VHF antenna	
50-35-1005	1	External speaker for mobile radio inside cab Customer to specify which radio to be connected to speaker	E
	1	BODY	
60-10-1600	1	Tandem axle extruded aluminum body There will be a minimum amount of deck plate on the body. Every surface will be painted where possible. The exception will be the front of the pump house.	
60-10-4100	1	No "beavertail" rear step supports	
60-10-4600	1	Painted fender surround	E
60-10-4700	1	Integral aluminum fender trim	
60-10-5400	1	Diamondback pumphouse steps	
60-10-5430	1	Diamondback 19" rear step	
60-10-6000	1	Extruded rub rail	
60-11-0300	1	Front left side compartments full height	E
60-11-0700	1	Front right side compartments full height	E
60-11-1000	1	Rear left side compartments full height Note that a customer CET portable pump will be mounted in this compartment	E
60-11-1400	1	Rear right side compartments full height Include provision to mount a customer floating pump similar to Port Maitland M16-18699 (29-1/2" x 29-1/2" x 24" high) in this compartment - requires a bolt on back for a cutout in the lower rear wall	E
60-11-2000	4	High side compartment (over 18") each	
60-11-3100	1	No rear compartment	E
60-11-5500	4	Rollup door - standard height Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point	
60-11-5520	4	Rollup door - full height Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point	
60-11-5530	2	Rollup door - to enclose pump panel Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point	
60-11-5650	10	Roll up door pull down strap (ea) SOPT 694	

PART NO	QTY	DESCRIPTION
60-31-4100	1	Extruded aluminum handrails Minimum 2" clearance from handrail to any surface
60-31-5000	1	Zico access Ladder at rear of unit Minimum 7" clearance between rung and any obstruction
60-31-6500	1	Compartment matting-Turtle tile
60-31-8000	4	BA bottle compt (ea)-fender well Door ajar switch NOT required
60-31-8002	4	Strap to secure SCBA Cylinder in tube
60-31-8800	4	Sliding tray (ea) - 600 pound capacity ***Hardware requires 3-1/2" of compartment height Reflective stripe is applied on the exposed edge for visibility when the compartment door is open Trays are installed at floor level in the following locations; Tray #1 - Left side front compartment in space remaining rear of batteries. Tray #2 - Left side rear compartment Tray #3 - Right side front compartment Tray #4 - Right side rear compartment The final mounting location to be approved at the pre-construction meeting.
60-31-9600	6	Adjustable shelf (ea) Tray #1 - L1 full depth Tray #2 - L2 Tray #3 - L3 Tray #4 - L4 shallow depth Tray #5 - R2 Tray #6 - R4 shallow depth Reflective stripe is applied on the exposed edge for visibility when the compartment door is open
60-32-3570	1	Two adjustable and two fixed hose dividers Hand hold required in end The two fixed dividers are spaced 24" apart in the center for the walkway 60-99-35AA
60-32-7500	1	Hose bed - aluminum
60-33-0000	1	Paint exterior - Imron Elite *** Paint code and colour red to match cab
60-33-0200	1	Undercoat vehicle with KROWN rust protection
60-33-0600	1	Chassis wheels not painted Aluminum wheels
60-33-1000	1	Paint pump and plumbing job colour
60-33-1500	1	Buffed finish compartment interior
60-33-2200	1	Lettering - 80 letters up to 3" tall - 3 colour *** Vinyl letters, Fire Department to provide details on location and text.
60-33-3000	1	Reflective stripe - 4" white 50% of perimeter each side and 25% of perimeter front
60-33-3310	1	Reflective stripe - red and yellow chevron at rear Minimum 50% of rear vertical surface
60-33-3500	1	Tarp over hose bed - black - two piece A left and right hose bed cover will be provided and secured to top body flanges by quarter turn snaps at front of hose bed and Velcro on each side edge of the cover. A weighted flap will be furnished at the front of the cover, and Velcro straps will be provided on the rear of the cover to tie around the rear handrail. Color to be black.

PART NO	QTY	DESCRIPTION
60-40-5500	2	Suction hose tube (each) with door Rear access for the 6" x 15' suction hoses 80-11-5088 Smooth painted doors with chevron applied Door ajar switch required
60-41-1015	2	Pike Pole tube in suction hose tube Fro the 10' pike poles 80-13-2500
60-41-6005	1	Zico horizontal electric portable tank rack Left side for the 2500 Imp gallon portable tank 80-15-1005 To be wired so only operable when park brake is engaged. Flashing lights and reflective tape required at front and rear to indicate any areas that protrude beyond the body. Hinged cover over the hydraulic cylinder and components to be smooth painted plate.
60-41-6010	1	ZICO PTS switched at pump panel Switch is located on the Left side PUMP PANEL
60-41-9500	1	Zico Horizontal Ladder Access system Right side Ladders to be stored on this rack as as follows; 24' two section 80-14-0500 14' roof 80-14-5500 10' folding attic ladder 80-14-8500 in attic ladder brackets 80-14-9000 Include HLAS-OS optional stop To be wired so only operable when park brake is engaged. Flashing lights and reflective tape required at front and rear to indicate any areas that protrude beyond the body. Hinged cover over the hydraulic cylinder and components to be smooth painted plate.
60-41-9510	1	ZICO HLAS switched at pump panel Switch is located on the Right side PUMP PANEL
60-99-0010	1	Modular drawer tool box SOPT 1187 Mount in sliding tray in R1 Approximately 48" wide and full height of lower compartment Four drawers, 2 trays approximately 10" deep, 2 trays approximately 5" deep Include interlocking plastic tile in each drawer
60-99-0020	2	Fire Extinguisher tube (8" ID) Install beside the toolbox in R1
60-99-05AA	2	Swing out toolboard (ea) Location - R1 and L1 in upper (shallow) portion of compartment Both hinged at rear Both mounted middle of compartment midway between back wall and inside of door SOPT 123b
60-99-10AA	1	Full width step from access ladder to the right side of body Above the dump as shown on the proposal drawing - maintain necessary clearance between the step and the ladder and handrail to meet ULC. SOPT in file
60-99-15AA	1	Wheel chock compartment in the left side rear fender well For the 80-19-0500 folding wheel chocks complete with smooth painted drop down door with lift and turn latch Door ajar switch required SOPT in file

PART NO	QTY	DESCRIPTION
60-99-20AA	1	Extinguisher compartment in right side fender For the 80-17-0500 20# dry chemical fire extinguisher complete with smooth painted drop down door with lift and turn latch Include a cradle with UHMW to support the Fire Extinguisher Door ajar switch required SOPT in file
60-99-35AA	1	Non-slip walkway in hose bed There will be a non slip (embossed checker plate) walkway 24" wide by the length of the hose bed installed in the center of the hose bed to allow access to the pump house top storage. LED strip lighting will be installed to illuminate the walkway to meet ULC. SOPT 629
	1	INSTRUMENTATION
70-11-0000	1	Warning Label on Pump Operator's Panel
70-11-0501	1	Side mount instrument panel with rollup door both sides No gauge or visual display can be higher than 84" above the operator's standing position Midpoint of any control cannot be higher than 72" above the operator's standing position
70-11-1500	1	Stainless steel instrument panels No gauge or visual display can be higher than 84" above the operator's standing position Midpoint of any control cannot be higher than 72" above the operator's standing position
70-11-3200	1	Colour coded tags Special colours for speedlay tags confirmed by the Fire Department RED and YELLOW
70-11-5100	1	Storage top of pump house The storage will be 15" deep. LED lighting will be installed to illuminate the storage area to meet ULC. Lighting will be activated when the park brake is set.
70-11-5288	1	Hinged door over pump house storage for 70-11-5100 Door ajar switch(s) required SOPT in file Doors to be hinged on outside of body (RS and LS)
70-11-5500	1	Right side smooth plate pump access door No opening dimension less than 18"
70-11-7500	1	Heat pan-aluminum
70-11-8000	1	Heater in pump compartment
70-20-1500	8	2-1/2" pressure gauge - dual face 0-600 Gauge to be no more than 6" from edge of the gauge to the center of the control.
70-20-3100	1	Class One Governor Control Throttle can be no lower than 42" and no higher than 72" from operator's standing position.
70-20-3500	1	Electric water level gauge on pump panel, Class One
70-20-6500	1	Test gauge panel
70-20-7500	1	Heat exchanger control valve
70-21-1500	1	Electric Foam Level gauge on pump panel, Class One Include access to and room for sender in front of body and back of pump house
70-21-5500	1	Panel readout for Battery Conditioner Located in left side cab step area
70-99-05AA	1	Tank level indicator lights - Whelen M4 - 3 sides Installed rearward of the front scene lights on the left and right side and centered on the back of the body under the traffic advisor as shown on the proposal drawing.

PART NO	QTY	DESCRIPTION
		The order of the lights on side shall be from front to rear is Green, Blue, Amber, Red. The order of the lights on the rear front left to right is Green, Blue, Amber, Red. SOPT 404
71-21-4500	1	Speaker on pump panel Customer to specify which radio to be connected to speaker
	1	ACCESSORIES
80-11-5020	2	6" x 15' lightweight suction hose (ea) Tube mounted SOPT 149
80-12-2700	1	6" floating strainer Shipped loose - not mounted. Customer will mount.
80-13-0500	1	Rubber mallet Shipped loose - not mounted. Customer will mount.
80-13-2500	2	Pike pole, fibreglass handle - 10' long Tube mounted
80-14-0500	1	24' 2 section extension ladder PEL 24 Mounted on HLAS
80-14-5500	1	14' aluminum roof ladder PRL-14 Mounted on HLAS
80-14-8500	1	10' aluminum folding attic ladder FL-10 Mounted on HLAS
80-14-9000	1	Attic ladder bracket (Zico) Mounted on HLAS
80-15-1005	1	2500 l gallon portable tank - Husky Mounted on HPTS
80-15-6500	1	6" external suction butterfly valve To be mounted on the LS suction - this will be left in place at all times so clearance required to allow closing the door and operating the valve.
80-15-7000	1	Piston Intake Relief Valve 6" NHF x 4" Storz with cap To be mounted on the RS suction - this will be left in place at all times so clearance required to allow closing the door and operating the valve.
80-17-0500	1	20# dry chemical fire extinguisher Mounted in right side fender compartment
80-17-1500	1	2 gallon water extinguisher with mount Mounted as per the instructions of the Sackville Fire department. The mounting location will be determined at the pre-construction meeting.
80-18-0500	4	SCBA bracket with strap - compt mount Mount in R3 over the rear wheels 4500 psi cylinders
80-19-0500	2	Large folding wheel chock - aluminum (ea) not mounted Mounted in left side fender compartment
80-99-0010	6	Stainless steel glove box bracket Ship loose

PART NO	QTY	DESCRIPTION
		One to be part of this change order at \$85 plus tax Five are to be invoiced separately at \$425 total plus tax BOM 520-31-7505
80-99-05AA	1	HPKE6L6-45C Suction Elbow Kochek Shipped loose - not mounted. Customer will mount. SOPT 584
80-99-10AA	1	1.5" female NPSH to GHT (Garden Hose Thread) adapter Shipped loose - not mounted. Customer will mount. SOPT 1190
80-99-15AA	1	Akron 95 GPM in-line eductor - Style 3095 Shipped loose - not mounted. Customer will mount. Inlet and outlet to be 1-1/2" NPSH SOPT 1191
80-99-20AA	1	Loose tool mounting brackets Mounting brackets will be supplied for the following customer supplied loose tools: 2 Fire Axes - PAC 1004 (2 per axe, 4 total) 2 Extension cords - 2 PAC Adjustamounts 1006-Y (1562621) 2 Pike Poles - Two (2) Pike Pole brackets (1560348) and two (2) Pike Pole ring brackets (1560345) 2 Halligan Tools - PAC K5032 (2) (1562224) SOPT in file