



Shop Order

Tri-District Fire Rescue
 3785 Hwy 325
 Newcombville, NS B4V 7V7

Sales Rep: Jacques Pelletier Metalfab Ltd.	Terms: Chassis Net 10 days Body and Equipment COD
Drawing #: FT-10689	
Est. Delivery Date: / /	
Customer PO #:	Penalty:
Customer #: 1603	None
QPF #:	

Quote No: JTRNS-0031
Job/Order No: 19971
 10/03/2018

PART NO	QTY	DESCRIPTION
	1	== Metalfab Pumper - ULC 05/13 - 0.000 ==
	1	CHANGE ORDER H
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
00-20-1700	1	Hale Pump Warranty - 5 years
00-20-1800	1	Polypropylene Tank Lifetime Warranty
00-20-2000	1	Plant Visits - unlimited at customer expense
00-20-3000	1	No Bonding Requested
00-20-3500	1	Certification for Fusion Welding of Aluminum
00-20-4000	1	Quality System registered to ISO 9001:2015
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
10-11-1500	1	ULC Testing - Pumper
10-11-2100	1	Maximum length - 390" The maximum length will change to 390" to allow for the roof ladder over hang.
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
10-11-3000	1	Manuals - two copies ***Two copies of chassis manuals are required.
10-11-3600	1	Delivery - FOB Fire Department
10-11-4000	1	Payment Terms - Chassis Net 10 days, Balance COD
10-20-1400	1	Hose capacity exceeding ULC/NFPA requirements The hose bed will carry: 1000' of 4" 800' of 2.5" 400' of 1.75" ***The weight of the extra hose over the ULC required hose is 890 lb.***

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 four door 41,600 lb GVW 14,600 lb front axle 27,000 rear axle Wheelbase - 242" Cab to axle - 129.2" Cummins L9 370 HP @ 2000 rpm, Governed rpm 21000 1250 lb/ft torque @ 1400 rpm Allison 3000 EVS automatic transmission, 275 amp alternator 1350 cu in auxiliary air tank included 189 liter fuel tank, LH Polished aluminum wheels with trim (Nova supplies trim) No rear window Rear axle differential lock L0006 EB white over L3240 EB Red No exterior sunvisor
20-11-1500	1	2013 Emission chassis modifications
20-11-1600	1	Chassis Motor Vehicle Inspection as supplied by chassis dealer
20-21-0500	1	Fluid capacity plate
20-21-0600	1	Pumping test plate
20-21-1030	1	Maximum riders sign - 5 persons
20-21-1510	1	Seat belt warning labels - 4 door chassis
20-21-1520	4	Helmet warning label - do not wear helmet
20-21-1530	1	Tire Pressure Indicators - Single 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
20-31-1100	1	Alum tread fuel tank covers, diamond grip steps, Conv - 4 dr Similar to Hebbville M17-19129 with compartment on right side only
20-31-1500	1	Special compartment in chassis step Similar to Hebbville M17-19129 - compartment on right side to be as large as possible, door to be vertically hinged with hinge towards front of chassis, include quarter turn "D" handle latch. LED lighting required inside compartment. Door ajar switch required.
20-31-1900	1	Chassis cab painted white over red by chassis OEM
20-31-7500	1	Console in cab Install switch panel, siren, door ajar light, Customer supplied radios (ref 50-35-0500), control for rear traffic light bar, and pump shift in console. Storage area with hinged cover and lift and turn latch provided at rear of console - include a slot for a binder in the storage area. Gray Zolatone finish Include two stepped sections at the rear of the console for customer chargers as photos in road/tri-district folder (6 bank radio Impact Universal charger w base and Streamlight Survivor radio chargers). These were delivered to Metalfab 06.12.2018 Provide print to customer for approval prior to fabrication and this was approved 07.04.2018

PART NO	QTY	DESCRIPTION
20-41-0600	1	Intake air shutoff for engine not requested
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.
20-41-1500	1	Extend exhaust pipe - RS front of rear wheels E 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.
20-41-1900	1	Battery boost terminals with chassis E Located in front wheel well.
20-41-2000	1	Chassis batteries remain in OEM location
20-41-2510	1	Fuel fill at step fuel tank under cab
20-41-2600	1	Chassis fuel tank remains in OEM location
20-41-5000	1	Rear Tow Hooks - under body *** Flat bar tow hooks under rear step (2)
20-41-5500	1	ON SPOT Automatic traction chains Switch to be located on cab dash near differential lock
20-51-0710	1	Master Battery Disconnect included with Freightliner chassis
20-51-2500	1	Back up alarm included with chassis
20-51-3400	1	Protection valve installed for air operated accessories
20-51-4000	1	Auto eject for air inlet - LS Located in drivers side cab step area.
20-51-6200	5	120 volt 20 A shore line connection in chassis cab Standard 5-20R duplex receptacle in chassis cab, not fused Minimum 12" from floor level, minimum 24" from ground Receptacle # 1 - Back wall of cab for battery conditioner Receptacle # 2 - Right side of console for customer chargers - facing towards the back seat Receptacle # 3 - High in L3 compartment Receptacle # 4 - High in in R1 compartment Receptacle # 5 - In R2 compartment
20-51-6500	1	Kussmaul Autocharge 1000 battery conditioner w/battery saver Located under or behind rear cab seats
20-51-7102	1	Electric System Management included with chassis - V-MUX
20-51-7500	1	Super Auto eject for 120 v - 20 A with sealed enclosure Located in drivers side cab step area. Minimum 24" from ground.
20-51-8500	1	Engine compartment lighting - LED to meet ULC Switched with park brake.
20-51-9001	1	Air horns and controls with chassis Left side foot switch only and switch on dash for horn button to control air horn (all included with chassis).
20-51-9400	1	Code 3 14" utility light in front bumper SOPT 926-14" Controlled by rocker switch in cab only to meet DOT requirements.
20-52-3500	1	Chassis steering wheel lined up by Metalfab E
20-52-4008	1	Pro Vision camera system - 7" screen, two cameras and DVR There will be a Pro Vision camera system that consists of a 7" screen, rear back up camera, front camera and DVR for the front camera. DVR records on a 64 GB SDXC memory card (included) which is removed and inserted in

PART NO	QTY	DESCRIPTION
		computer to view and save video
		Customer requests the DVR to start recording with Ignition switch so recording at all times the truck is in operation. Note that old videos will be overwritten when card is full except for logged incidents.
		To match Atholville, NB M17-19705
		Part number 1530894
20-60-0400	1	Chassis wheelbase does not change
20-90-1755	1	FRC 12 VDC brow light with universal mount - SPA830-Q20 - single unit Single unit on middle of cab forward facing. P/N 1011239 Note - No exterior visor with the brow light option. Switched in cab SOPT 85a
	1	PUMP AND PLUMBING
30-11-8600	1	Hale QMAX 1500 IGPM single stage pump
30-12-3500	1	Mechanical seal for Hale QMID/QMAX/QTWO pumps
30-15-0104	1	Plumbing - Hale manifold pump SM SS E
30-20-0500	1	Valves and controls - side mount panel
30-20-1002	1	Akron valves specified
30-20-1600	1	Piping stainless steel - general
30-20-1700	1	1-1/2" thread specifications - NPSH
30-20-1800	1	2-1/2" thread specifications - NSZ1 Sample couplings given to parts room
30-20-2000	1	Piping hydrostatic test
30-20-2500	1	Anodes in suction and discharge piping 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.
30-21-5560	1	Tank to Pump SS 3" w/ check valve manifold pump
30-22-0520	1	Tank Fill valve 2" SS
30-31-4010	1	Suction - 6" gated each side manifold pump
30-31-7200	2	Hale master intake suction valve - electric control Left and right 6" intakes are gated. Electric controls are both located at the LS pump panel. Manual over rides are located next to each gated inlet
30-32-7530	1	Suction - 2-1/2" left side SS, bleeder, Hale manifold pump
30-40-2020	1	4" right discharge SS, bleeder, plumbed 3", Hale manifold pump Connection is 4" 30 degree Storz elbow.
30-40-2599	1	4" rear discharge, 3" valve, 3" SS piping, bleeder SOPT 305 Connection is 4" 30 degree Storz elbow.
30-41-2020	1	2-1/2" RS discharge SS, bleeder, Hale manifold pump
30-41-2520	2	2-1/2" LS discharge SS, bleeder, Hale manifold pump
30-43-1520	1	2-1/2" rear discharge SS, plumbed 2-1/2", bleeder *** Right side
30-44-0720	2	1-1/2" speedlay (each) front of pumphouse SS, plumbed 2" Capacity in each tray for 200' x 1-3/4" hose and nozzle. Dual direction aluminum pull out trays on UHMW slides. Each speedlay tray is to be flush with the pump panel to allow loops of hose to extend beyond the tray for easier deployment - do not extend trays to the inside of the rollup door.
30-44-6520	1	Piping for monitor SS, plumbed 3", bleeder Located over pump house for 80-99-25AA manual riser and 80-16-0500 monitor - offset to right side of the open storage, centred front to rear.

PART NO	QTY	DESCRIPTION
30-51-0500	1	Pump shift-Midship air ***Includes "Pump Engaged" and "OK to Pump" indicator lights on chassis instrument panel ***Includes "Throttle Ready" indicator light on Pump operating panel
30-51-0600	1	Manual over ride for pump shift on pump panel by Metalfab
30-51-6700	1	FRC Pump Boss Governor/Throttle engine display
30-51-7000	2	Suction side relief V/V, manifold pump
30-51-7721	1	Automatic Trident air primer with gauge - 3 location Three locations are as follows; Main pump Left side pre-prime Right side pre-prime SOPT 586
30-51-8100	1	Heat exchanger included with chassis
30-51-8500	1	Pump cooler with control valve, check valve
30-52-1000	1	Master drain V/V, 12 port
30-52-2000	1	Drain valve for foam system header
30-52-5510	1	Foam system-Hypro FoamPro 2001 Single Tank Foam system is plumbed to both speedlays and the rear 2.5" discharge
30-52-8200	1	FoamPro Power fill system SOPT 165 Controls are located on the right side pump panel. Pick up tube will be stored in the pump house (pick up tube is 6' long flex hose with a 2' wand)
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
30-99-0010	2	Additional speedlay hose tray Provide additional trays for speedlays to allow easier reloading
1	WATER AND FOAM TANKS	
40-11-2100	1	Polypropylene water tank (Imperial gallons)
40-11-2200	1	Water tank capacity certification (tank manufacturer)
40-11-5000	1	Tank capacity 1000 Imperial Gallons
40-12-4500	1	Foam cell - 20 Imperial gallon
40-13-0100	1	Through the tank tunnel - up to 1200 gallon tank For the 60-40-5500 Suction hose storage
40-21-0500	1	3" tank to pump connection
40-22-0500	1	2" tank fill connection
40-23-0500	1	1" water level gauge connection
40-30-1000	1	Water Fill Box front left corner
40-31-0400	1	Rear dump valve not requested E
40-31-6050	1	Rear fill not requested E
40-99-0010	1	Sump drain valve (3" quarter turn) with push-pull linkage Provide a quarter turn ball valve with pull control rather than a standard gate valve with turn type control
1	ELECTRICAL	
50-11-0300	1	Base electrical system - multiplex E
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, siren brake ***Rocker switch assignments:

PART NO	QTY	DESCRIPTION
		MASTER -LIGHT BAR RED -LIGHT BAR CLEAR -REAR BEACONS -FLASHING WARNING -BROW LIGHT -LEFT SCENE -REAR SCENE -RIGHT SCENE -DITCH LIGHTS -REAR FLOODS -LED FRONT UTILITY BAR IN BUMPER -SIREN BRAKE
50-11-1400	1	<i>Federal PA300 100 watt siren</i> Located in cab console 20-31-7500
50-11-1505	1	<i>Unity LED rear flood (pr)</i> SOPT 255a Switched in cab and when transmission is in reverse These lights cannot be shed - part of ULC required lighting
50-11-1620	1	Siren speaker, 100 watt, in front bumper
50-11-2010	1	<i>Federal Q2B mechanical siren - through front bumper</i> Through the RS bumper wing Controlled by foot switch at both driver and officer positions - this switch is to be powered only when the master warning light switch is on. Includes a siren brake switch in the console rocker switch panel. There will be a master electrical shut off installed on the chassis floor beside the driver seat.
50-11-2600	1	<i>Siren to be accessible to driver and officer</i>
50-11-6100	1	<i>Whelen F4N0QLED light bar NFPA</i> SOPT 891
50-11-7600	1	<i>Rear LED Signal Master warning lights</i> SL8S-A-50 P/N 1570877
50-11-8600	1	<i>Rear LED beacons-Whelen MCFLED2R (pr) both red</i>
50-12-8500	1	<i>Front LED flashers (pr)-Whelen red LED 400 with integral flasher</i>
50-12-8600	1	<i>Rear LED flashers (pr)-Whelen red LED 400 with integral flasher</i>
50-12-8700	1	<i>Front side inter lts (pr) - Whelen red LED 400 with integral flasher</i>
50-12-8800	1	<i>Body side inter lts (pr)-Whelen red LED 400 with integral flasher</i>
50-12-8900	1	<i>Add'l side inter lts (pr)-Whelen red LED 400 with integral flasher</i> Between cab doors as shown on the proposal drawing
50-21-1610	1	<i>LED Parking ditch lights in rear fenders (pr)</i> SOPT 160a Switched in cab and interlocked to come on when transmission is placed in reverse gear
50-21-25AA	2	<i>FRC telescoping SPECTRA LED 12V flood (ea)</i> SPA530-Q15-ON-SR-SW-NS Switched on pump panel, steady rest, Hazard switch and no scratch options. Hazard switch to be wire to the "Telelight not Stowed" warning light in cab (50-21-556A) Mounted on front of front end, one each side as shown on the proposal drawing.
50-21-29AA	1	<i>Additional lighting in cab to illuminate floor area (ULC reqmt) - 4dr chassis</i> SOPT 998a
50-21-5100	1	<i>Compartment lighting - LED tube lights in each compartment (rollup doors)</i> The low side right side compartment over rear wheels will have a 4" LED grommet

PART NO	QTY	DESCRIPTION
		mounted compartment light.
50-21-5500	1	Door Ajar warning 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	1	Equipment not stowed warning light For the LAS and Monitor riser. Located in 20-31-7500 console. Bilingual Warning label in cab to read: "Do Not Move Apparatus when Light is on"
50-21-556A	1	Telelight no stowed warning light For the Telelights 50-21-25AA. Located in 20-31-7500 console. 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 Switched with park brake
50-21-8201	1	Step lights for chassis steps - LED Switched with park brake
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)
50-22-08AA	1	TecNiq auxiliary turn signal / brake light There will be a pair of TecNiq T10 auxiliary amber turn signal and red brake light installed on the rear bumper to meet ULC and CMVSS.
50-31-1700	1	3000 watt Digital Inverter SOPT 405A Eliminator HD P/N 1031834 Install on a platform under the officer seat to clear the seat straps. ***Inverter to be installed after ULC test***
50-31-6012	1	Whelen M6 LED Scene lights - Model M6ZC (pr) Left side Switched in cab
50-31-6013	1	Whelen M6 LED Scene lights - Model M6ZC (pr) Rear facing Switched in cab and when vehicle is in reverse
50-31-6014	1	Whelen M6 LED Scene lights - Model M6ZC (pr) Right side Switched in cab
50-31-6560	1	Ground lighting (LED Lumabar) - 4 door chassis Switched with park brake
50-31-6570	1	Ground lighting (LED Lumabar) - side mount body Switched with park brake
50-35-0500	2	Installation of customer supplied mobile radio Located in cab console 20-31-7500 Radio information list required - to be sent with radios Customer delivered a Motorola XTL1500 TMR radio, Motorola HSN4039A speaker and a new Kenwood NX3720HG-K VHF radio on 06.12.2018 Do not install the speaker at this time. Wired through Master battery disconnect switch Three (3) magnetic mic holders were given to inventory control on 07.16.2018. They will be

PART NO	QTY	DESCRIPTION
		used for the radios and siren PA mic.
50-35-0560	2	Mobile radio antenna with base - commercial chassis One for customer VHF, one for customer TMR
50-99-10AA	1	Hose bed cover lights - 40" Lumabars (4 total) SOPT 209
50-99-12AA	1	Price Adjustment
	1	BODY
60-10-1400	1	Single axle extruded aluminum body
60-10-15AA	1	Left side Rescue style square SOPT Right side is standard due to ladder rack
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
60-11-0600	1	Front right side compartments intermediate height
60-11-1000	1	Rear left side compartments full height E
60-11-1300	1	Rear right side compartments intermediate height
60-11-1900	1	Low side compartment (up to 18") each Right side over rear wheels with drop down door. Interior height to be 12"
60-11-2000	1	High side compartment (over 18") each Left side over rear wheels with roll up door.
60-11-3200	1	Full Height Rear compartment
60-11-4500	1	Flush mount aluminum door - single with "D" handle Drop down door for low side compartment over right side rear wheels, interlocked with ladder access system.
60-11-5500	1	Rollup door - standard height Left side over rear wheels Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point
60-11-5510	2	Rollup door - intermediate height For right side front compartment and right side rear compartment Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point
60-11-5520	3	Rollup door - full height For left side front compartment, left side rear compartment and back compartment 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 Left side and right side to enclose pump panels and speed lays Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point
60-11-5655	1	Amdor pull straps - Flex HD for L2 compartment Include with door order Metalfab part number 1003066 Amdor part number AY-9355-18

PART NO	QTY	DESCRIPTION
		For door opening height of 20" to 37" Installed on the following door Left side over rear wheels
60-11-56AA	2	Amdor pull straps - Flex HD for L1 and L3 compartments Include with door order Metalfab part number - TBA Amdor part number AY-9355-48 For door opening height of 71" to 84" Installed on the following doors Left side front compartment Left side rear compartment
60-31-4100	1	Extruded aluminum handrails Minimum 2" clearance from handrail to any surface There will be an additional grab handle on the upper left side of the hose bed to assist in transitioning from the Zico Access ladder and the hose bed.
60-31-5000	1	Zico access Ladder at rear of unit Minimum 7" clearance between rung and any obstruction
60-31-5500	1	Lighted steps at rear of body (folding) - right side only Right side only - Maximum height between steps is 18"
60-31-6500	1	Compartment matting- interlocking tile
60-31-8700	2	Sliding tray (ea) - 400 pound capacity with gas strut Tray #1 - Rear compartment at floor level Tray #2 - Right side front compartment at floor level Reflective stripe is applied on the exposed edge for visibility when the compartment door is open
60-31-8700	1	Adjustable sliding tray (ea) - 400 pound capacity with gas strut and latch Located in front LS compartment Reflective stripe is applied on the exposed edge for visibility when the compartment door is open
60-31-9600	6	Adjustable shelf (ea) Reflective stripe is applied on the exposed edge for visibility when the compartment door is open All shelves are shallow depth in the following compartments Shelf #1 - Left side front compartment Shelf #2 - Left side front compartment Shelf #3 - Left side rear compartment Shelf #4 - Left side rear compartment Shelf #5 - Right side front compartment Shelf #6 - Right side rear compartment
60-32-3550	1	Two adjustable hose divider (each) Hand hold required in end There shall be two adjustable divider and one fixed to support the hose bed covers. The fixed divider will be offset in the hose bed due to the body configuration and to allow the hose bed covers to be identical size.
60-32-7500	1	Hose bed - aluminum The hose bed will carry: 1000' of 4" 800' of 2.5" 400' of 1.75"
60-33-0000	1	Paint exterior - Imron Elite *** Paint code and colour red to match red on cab

PART NO	QTY	DESCRIPTION
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
60-33-1600	1	Special paint compartment interior - gray zolatone The inside of the compartments will be Zolatone - the trays, shelves and tool boards will remain bare aluminum.
60-33-2200	1	Lettering - 80 letters up to 3" tall - 3 colour *** Vinyl letters, Fire Department to provide details on location and text.
60-33-3200	1	Reflective stripe - 1" - 4" white 50% of perimeter each side and 25% of perimeter front
60-33-32AA	1	"S" reflective stripe on pump panel doors There will be a 1"-4" reflective "S" stripe on the pump panel rollup door on each side.
60-33-3310	1	Reflective stripe - red and yellow chevron at rear Minimum 50% of rear vertical surface
60-33-4700	1	No crosslay preconnects on vehicle E
60-33-5000	1	Aluminum cover over hose bed with end tarps - black Rear flaps with Velcro straps will be provided on the rear of the cover to tie around the rear handrail or footman's loops where there is no handrail. The left side hose bed cover will cover the coffin compartments. The fixed divider will be offset in the hose bed to support the hose bed covers (which will be identical size).
60-40-4500	1	Price Adjustment
60-40-5500	2	Price Adjustment
60-40-5500	3	Suction hose tube (each) with door There will be three (3) suction hose tubes in the water tank for 6"x 10' suction hoses (80-11-5000). Install Velcro straps across tubes at rear to secure suction hoses.
60-41-1000	2	Pike Pole tube with door There will be a tube under the right side fender top for two (2) pike poles. One (1) 10' (80-13-2500) and one (1) 12' (80-13-2516)
60-41-1500	1	Attic ladder tube with rear door There will be a tube under the right side fender top for an attic ladder (80-14-8500)
60-41-9000	1	Zico electric Ladder Access system Mounted on right side as shown on the proposal drawing. To be wired so only operable when park brake is engaged and drop down door is closed. Flashing lights and reflective tape required at front and rear to indicate any areas that protrude beyond the body.
60-41-9010	1	ZICO LAS switched at rear above tail light E Switch is located on same side as electric rack - Right side
60-41-9100	1	Manual locking system for LAS Install information label at switch location to instruct operator to release locks prior to lowering the ladder.
60-91-0800	1	Swing out tool board Special option # 123b Mounted in left side compartment over rear wheels in midpoint of the compartment - hinged at rear of truck Reflective stripe installed around perimeter - both side so visible when swung open. "D" handle and latch to hold closed Gas strut to aid in holding in the open position

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		Tool board is to be punched peg board style.
60-91-0900	1	<p>Coffin compartment on LS of hose bed Full length of hose bed to front partition on left side over high side compartments. This compartment will have a fixed divider in the center and will be enclosed with the hose bed covers. The floor shall have drains plumbed down between the side compartments. Lighting required, switched with park brake. Interlocking plastic tile will be installed on the floor of the compartments SOPT 625 The dimensions will be 14" deep x 16" wide and one will have enough room to carry a standard spine board (16" wide x 72" long)</p>
60-99-0010	1	<p>Fire Extinguisher tubes in fenders Install custom tubes in fender wells above the ditch lights - single tube with stainless surface mount door for 80-17-0500 dry chemical fire extinguisher right side, double tube with stainless surface mount door and door ajar switch for 80-17-1000 CO2 fire extinguisher left side.</p>
60-99-15AA	2	<p>Signature 4 triple SCBA bottle holder SOPT 1148 Located one in left side rear fender and one in right side rear fender rearward most - door ajar switch required Include loops to help secure cylinder in place</p>
	1	INSTRUMENTATION
70-11-0000	1	Warning Label on Pump Operator's Panel
70-11-0501	1	<p>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</p>
70-11-1000	1	<p>Black zolatone 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</p>
70-11-3200	1	<p>Colour coded tags Speedlay tag colours to be RED and BLUE</p>
70-11-5100	1	Open storage at rear top of pump house
70-11-52AA	1	<p>RS end door (deckplate) on open storage above pump house A deck plate door will be installed on the right side end of the open top storage. It will have a d-handle, gas strut and door ajar switch. This will allow the firefighter to access the open top storage from the right side chassis step. The top (70-11-5100) will remain open for access from the hose bed.</p>
70-11-5300	1	<p>Right side pump access door - Zolatone No opening dimension less than 18" The pump access door will be Zolatone plate with three lift and turn latches to match the rest of the pump panel</p>
70-11-7500	1	Heat pan-aluminum
70-11-8000	1	Heater in pump compartment
70-20-0500	2	<p>4-1/2" compound gauge - dual face 0-300 To be within 8" of each other - edge to edge</p>
70-20-2000	9	<p>2-1/2" pressure gauge - PSI only 0-300 Gauge to be no more than 6" from edge of the gauge to the center of the control.</p>

PART NO	QTY	DESCRIPTION
70-20-3200	1	FRC Pump Boss 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
70-20-3610	1	Remote PSTANK water level indicators each side, rear with driver E Interlock with park brake so powered only when the park brake is set.
70-20-6500	1	Test gauge panel Mount below the compound gauges for proper draining
70-20-7500	1	Heat exchanger control valve
70-20-7600	1	Pump cooler control valve
70-21-1600	1	Electric Foam Level gauge not requested
70-21-5500	1	Panel readout for Battery Conditioner Located in drivers side cab step area adjacent to the 120 volt auto eject
	1	ACCESSORIES
80-11-5000	3	6" x 10' lightweight suction hose (ea) Tube mounted
80-12-2500	1	6" barrel strainer Not mounted - shipped loose. Customer will mount.
80-13-0500	1	Rubber mallet Not mounted - shipped loose. Customer will mount.
80-13-1000	1	Hose wrenches (double) with holder Mount on rear of truck
80-13-1100	2	Hose wrenches (triple) with holder Mount one each side pump panel (LS and RS)
80-13-2500	1	Pike pole, fibreglass handle - 10' long - PP10 Mounted in tube under the right side fender top (60-41-1000)
80-13-2516	1	12' pike pole with fibreglass handle - PP12 SOPT 1067 Mounted in tube under the right side fender top (60-41-1000)
80-13-3000	2	Price Adjustment
80-13-4000	1	Axe, pick head, fibreglass handle and bracket Mount on 60-91-0800 tool board
80-13-4500	1	Axe, flat head, fibreglass handle and bracket Mount on 60-91-0800 tool board
80-14-0500	1	24' 2 section extension ladder PEL 24 Mounted on LAS
80-14-5500	1	14' aluminum roof ladder PRL-14 Mounted on LAS
80-14-7500	1	Padded ladder boot - 2 section and roof ladder Ship loose
80-14-8500	1	10' aluminum folding attic ladder FL-10 Mounted in tube under the right side fender top (60-41-1500)

PART NO	QTY	DESCRIPTION
80-14-9000	1	Price Adjustment
80-16-0500	1	Akron 3423 Portable/deck monitor with stacked tips Monitor installed on 80-99-25AA riser. Portable base not mounted - shipped loose. Customer will mount.
80-17-0500	1	20# dry chemical fire extinguisher Mounted in the right side tube (60-99-0010)
80-17-1000	1	15# CO2 fire extinguisher Mounted in the left side tube (60-99-0010)
80-18-0650	4	SCBA bracket - SmartDock for cab seat (ea) For cab seats SOPT 1003
80-19-0500	2	Large folding wheel chock - aluminum mounted as per fire department instructions The wheel chocks will be stored in the holders that are supplied and installed by Metalfab.
80-19-0600	2	Horizontal bracket for folding wheel chock (ea) The wheel chock brackets will be installed in the L1 compartment at the depth change under the adjustable shelf 60-31-9600.
80-99-05AA	1	6" NH long handle female to 6" NH male 45-degree Kochek HPKE6L6-45C - See SOPT in file Not mounted - shipped loose. Customer will mount.
80-99-20AA	1	Aluminum box for pony lenght of hi-vol There will be an aluminum box mounted on the right side pump panel to carry a pony length of hi vol. The rolled hose measures 8" wide x 10" high x 16" long.
80-99-25AA	1	TFT 18" Telescoping Waterway - XG18PL-XL (3" male NPT) SOPT 62 P/N 1521239 Installed on 30-44-6520 monitor piping - Sensor wired to the Equipment not stowed warning light in cab.
80-99-35AA	1	6" NHF long handle with swivel to 4" Storz Kochek SKE4T6L - SOPT 496 Not mounted - shipped loose. Customer will mount.
80-99-50AA	1	Install customer supplied Thermal Imager Install a platform under the driver seat to mount a customer supplied ISG Thermal Imager charger.