



Shop Order

Grand Falls Regional Municipality
 Office of the Town Clerk
 131 Pleasant Street, Suite 200
 Grand Falls, NB E3Z 1G6

Sales Rep: Jamie Smith Metalfab Fire Trucks	Terms: Chassis and Body NET 30 days
Drawing #: FT-11805 Est. Delivery Date: 12/15/25 Customer PO #: Letter of Aug 20-25 Customer #: 486 QPF #:	Penalty:

Exp. Date: 09/30/2025
Quote No: E-Grand Falls RFT-0005
Job/Order No: 23834
BODY: 00-10-15 Metalfab Pumper - ULC 05/13

09/10/2025

PART NO	QTY	DESCRIPTION
== Metalfab Pumper - ULC 05/13 - 0.000 ==		
METALFAB QUOTEWITER VERSION JANUARY 2019		
00-05-0010	1	Dealer - Metalfab
00-10-1500	1	Metalfab Pumper
00-20-0500	1	List of References not provided
00-20-1000	1	Company Profile
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 - Standard 7 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 Required
00-20-3500	1	Certification for Fusion Welding of Steel and Aluminum
00-20-4000	1	Quality System registered to ISO 9001:2015
00-20-4500	1	Fire Apparatus Manufacturers' Association Membership
GENERAL INFORMATION		
10-11-0000	1	Intent
10-11-0100	1	Vehicle Data Recorder (chassis prewired)
10-11-1101	1	ULC S515-2024 and NFPA 1900-2024 Compliance
10-11-1500	1	ULC Testing - Pumper - Imperial units of measure
10-11-2100	1	Maximum length not specified
10-11-2200	1	Maximum height not specified
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.		

PART NO	QTY	DESCRIPTION
		Minimum one hard copy and one digital copy on USB flash drive of manuals, certs and drawings.
		Include certification of Slip resistance of stepping, standing and walking surfaces.
		Include one copy of FAMA fire apparatus safety guide
10-11-3600	1	Delivery - FOB Fire Department
10-11-4300	1	Payment Terms - Chassis and Body NET 30
10-20-1000	1	Hose bed capacity - standard ULC Pumper
10-20-2000	1	Equipment carrying capacity - standard ULC Pumper
		CHASSIS INFORMATION
20-11-1000	1	Chassis supplied by Metalfab - Freightliner M2 106 Plus four door
		Freightliner M2 106 four door
		VIN 1FvACYFC6SHVR2749
		14,6000 lb Front axle 26,000 lb Rear axle 40,6000 lb GVWR
		Cummins B6.7 360 hp @ 2600 rpm 800 lb-ft torque @ 1800 rpm
		2600 governed RPM
		3000 EVS automatic transmission PTO openings at 8 & 1 o'clock
		189 litre fuel - LH under cab
		L3240EY Red Elite
		Changes to be made to chassis as follows:
		Cloth seats to be changed to vinyl
		No "On Spot" traction chains required
		Change wheels and tires as per 20-11-10BB
		Add locking rear differential
20-11-10AA	1	Chassis dealership - Nova Truck Centre
20-11-10BB	1	Swap out steel chassis wheels and replace with polished aluminum wheels
		Steel wheels are to be changed to polished aluminum
		Ensure front tires are Michelin XDN2 or XDS
20-11-1500	1	2013 Emission chassis modifications
20-11-1700	1	Chassis Motor Vehicle Inspection required - NB
		Dated the month of delivery
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
20-21-1550	1	Tire Pressure Indicators - SMARTire TPMS included with chassis
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

PART NO	QTY	DESCRIPTION
20-21-2500	1	Shifter lock not required
20-21-3500	1	Rear step warning label
20-21-3800	1	Front mudflaps
20-21-4001	1	Rear mudflaps - Black
20-21-4500	1	Transportation Safety Kit - with road flares
		Safety Triangle (with chassis)
		2-1/2 pound Fire Extinguisher (with chassis)
		Basic First Aid Kit
		include 3 road flares*
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
20-31-1510	1	Compartments in chassis steps with light, door ajar, D latch - right side only
		Compartment as large as space permits will be built in the step under the right cab rear door to maximize space. The door will open downwards with dimensions around 28" x 10".
		A 20" interior Lumabar light will be provided for this compartment.
20-31-1900	1	Chassis cab painted single color red by chassis OEM
20-31-4700	1	Extend front bumper, gravshld with hosewell, cover, and D-handle latch
		***Bumper to be extended approx 18" ahead of cab
		The hosewell compartment will be centered and will accommodate up to 150 feet of 1-3/4" hose.
		Light required in hosewell for ULC compliance, illuminated when the park brake is set.
		An aluminum tread plate cover with a D-Ring handle shall be installed over the compartment. A gas cylinder shall be installed on the cover to maintain it in an open or close position. The 90 degree swivel will exit in the middle of the compartment.
		Lighted guide poles are required on front corners of the bumper extension.
20-31-7000	1	SS nut covers, hub caps and high hats - single axle
20-31-7500	1	Console in cab
		Install switch panel, siren, Traffic advisor, door ajar light, and pump shift in console.
		Storage area with hinged cover and lift and turn latch provided at rear of console.
		Gray Zolatone finish
		Have Customer review design before fabrication
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
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.
		Customer to specify any special requirements or clearance required
20-41-1900	1	Battery boost terminals with chassis
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

PART NO	QTY	DESCRIPTION
20-41-5000	1	Rear Tow Hooks - under body *** Flat bar tow hooks under rear step (2)
20-51-0710	1	Master Battery Disconnect included with Freightliner chassis
20-51-2500	1	Back up alarm included with chassis - self adjusting
20-51-3100	1	Air inlet not required
20-51-3400	1	Protection valve installed for air operated accessories
20-51-65AA	1	Provide a 4A battery tender near chassis batteries Powered from 20-51-8000 shore line connection
20-51-6700	1	Kussmaul Auto Pump 120 V compressor Locate in right top portion of R1 compartment Powered from 20-51-8000 shore line connection
20-51-7102	1	Electric System Manager included with VMUX controls
20-51-8000	1	120 volt - 15 A volt inlet Install on LS pump panel, to power battery tender and 120 volt air compressor
20-51-8505	1	Engine compartment light included with chassis
20-51-9001	1	Air horns included with chassis - controlled by foot switches
20-52-0010	1	Air horn control/actuation on pump operators panel Rocker switch on pump panel to be tagged "Evacuation Alert"
20-52-1100	1	One additional red/white dome light installed in cab headliner - switch on light Install in area above console
20-52-3500	1	Chassis steering wheel lined up by Metalfab
20-52-4000	1	Rearview camera and monitor in cab - FRC BCA111-A00 The 7" color LCD monitor will be installed close to the driver. A protective aluminum cover will be installed above the camera on the rear.
20-60-0400	1	Chassis wheelbase does not change
20-90-1500	1	12 volt power point Provided with the chassis - to be powered from the ignition switch - Metalfab to modify if necessary
20-90-1520	1	12-Volt fuse block in cab There will be one (1) pair of wires, positive and a negative, installed in the console area: The positive wire will be connected to the battery master switch. The negative wire will be connected directly to battery ground. Wires will be protected to 30 amps at 12 volts DC Termination will be a Blue Sea System, model 5025, 6 circuit with negative bus bar straight blade fuse block. Waytek 78152, mount one for customer access inside console so accessible from the RS access panel (2 required, one for customer and one for Metalfab use)
20-90-1600	1	Kussmaul Dual USB charging socket There will be one (1) dual USB-A receptacle located in the console or center dash area. The positive wire will be connected to the battery master switch. Note that the chassis is already equipped with a dual USB-C receptacle.

PART NO	QTY	DESCRIPTION
20-90-1840	1	Front bumper guide poles, chrome, lighted
		PUMP AND PLUMBING
30-11-3801	1	Waterous CX midship pump - 1250 IGPM (1500 USGPM)
30-12-4000	1	Mechanical seals for Waterous pumps
30-15-0304	1	Plumbing - non manifold pump SM SS
30-20-0500	1	Valves and controls - side mount panel
30-20-1002	1	Akron valves specified Note that Elkhart valves not provided due to current delivery issues for this product
30-20-1600	1	Piping stainless steel - general
30-20-1650	13	Bleeder valves with lever type handles (ea) - Trident brand Note that this bleeder valve requires a blister in the rear LS compartment due to the location of the valve in the piping. This blister can be eliminated with the use of a quarter turn valve at this location only, customer to confirm if this should be changed _____
30-20-1700	1	1-1/2" thread specifications - NPSH
30-20-1800	1	2-1/2" thread specifications - BCT
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.
30-21-5520	1	Tank to Pump SS 3" w/ check valve non manifold pump Plumbing from tank will be 4", including the check valve. Plumbing from the valve to the pump will be 3", including the valve
30-22-0520	1	Tank Fill valve 2" SS
30-31-4020	1	Suction - 6" gated each side SS non manifold pump 6" header
30-31-7210	2	Waterous master intake suction valve - electric control *** Suction to be gated is both right and left side 6" intakes.
30-32-7550	1	Suction - 2-1/2" left side SS, bleeder, non manifold pump
30-40-2025	1	4" right discharge SS, plumbed 3", Waterous manifold pump
30-41-2040	1	2-1/2" RS discharge SS, bleeder, non manifold pump
30-41-2540	2	2-1/2" LS discharge SS, bleeder, non manifold pump
30-43-1520	1	2-1/2" rear discharge SS, plumbed 2-1/2", bleeder Located left of back roll up door as shown on the proposal drawing.
30-44-0720	2	1-1/2" speedlay (each) front of pumphouse SS, plumbed 2" Capacity 200' x 1-3/4" per tray
30-44-1020	1	1-1/2" front trash line SS, plumbed 2", hosewell 90-degree, 1 1/2" swivel will exit in the middle of the hosewell compartment. There will be automatic drains installed at all lowest points in the plumbing. Capacity 150' x 1-3/4"
30-44-6520	1	Piping for monitor SS, plumbed 3", bleeder Plumbing will be located at the rear portion of dunnage over pump house and will be centered side to side. Monitor piping will be capped.

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
30-51-0700	1	Pump Gearbox mounted manual over ride for pump shift
30-51-6700	1	FRC Pump Boss MAX Governor/Throttle engine display
30-51-7000	2	Suction side relief V/V, manifold pump
30-51-7716	1	Trident Automatic Air Primer 3 barrel 3 location
30-51-7720	1	Additional air tank for air primer system An additional air tank is provided to improve air primer capacity
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 the two speedlays, 1-1/2" front and the 2-1/2" rear discharge
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
30-99-05AA	1	Decon 3/4" water supply Locate above pump house LS, complete with approximately 50' hose reel with GHT - spring rewind Supplied from water from pump through a 3/4" quarter turn ball valve with a pressure reducer.
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 Gallon (1200 US Gallon) Customer requests 6" overflow/vent.
40-12-5000	1	Foam cell - 25 Imperial gallon (30 US 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
40-23-1050	1	4" Fireman's Friend connection
40-30-0500	1	Sump drain valve (3" gate valve) with linkage
40-30-1000	1	Water Fill Box front left corner
40-31-0400	1	Rear dump valve not requested
40-31-9000	1	4" Storz rear fill, Fireman's Friend Located right of back roll up door - low as possible as shown on the proposal drawing.
ELECTRICAL		
50-11-0300	1	Base electrical system - multiplex A coil of wire will be provided behind an electrical appliance to allow them to be pulled away from the mounting area for inspection and service work.
50-11-0600	1	Warning Light Certification

PART NO	QTY	DESCRIPTION
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: see RFT 7.2.4 E-MASTER -LIGHT BAR -REAR BEACONS -FLASHING WARNING -REAR FLOODS -FRONT SCENE -REAR SCENE -LEFT SCENE -RIGHT SCENE
50-11-1492	1	Whelen 295SLSA1 100 watt siren with permanent microphone
50-11-1620	1	Siren speaker, 100 watt, in front bumper - Federal AS124
50-11-2600	1	Siren to be accessible to driver and officer
50-11-3500	1	Horn ring transfer switch Wire through the E-Master switch so horn ring will activate siren only when warning lights are active.
50-11-6131	1	Whelen Justice 56" JE2QNFPFA lightbar - super LED
50-11-61AA	1	Whelen Pioneer Summit 44" Brow light installed on cab roof - S44MB Switch for the brow light will be located on 20-31-7500 console in cab. Black housing
50-11-6619	1	Rear LED Traffic Advisor warning lights - TAL65 - recess mount
50-11-8640	1	Rear LED beacons-Whelen L31HRFN (pr) both red
50-12-5022	1	Front LED flashers (pr) - Whelen LED M6 - red with red lens
50-12-5182	1	Rear LED flashers (pr) - Whelen LED M6 - red with red lens
50-12-5260	1	Front side LED flashers (pr) - Whelen LED M6 - red with red lens
50-12-8000	1	Additional body side intersection light not required Distance between front and rear side intersection light does not exceed 25'
50-12-8840	1	Body side LED flashers (pr) - Whelen LED M6 - red with red lens
50-21-1505	1	Rear floods (pr) Unity LED Switched in cab and on light head. Note that these lights are also used as rear step lights and cannot be managed
50-21-5100	1	Compartment lighting - LED tube lights in each compartment (rollup doors)
50-21-5500	1	Door Ajar warning light LED light located on cab console 20-31-7500 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 Located in front face of body, switched with park brake
50-21-85AA	1	Pump panel light switch To illuminate the pump panel lights, powered only when park brake is set.

PART NO	QTY	DESCRIPTION
50-21-8600	1	LED clearance lts and reflectors
50-21-8605	1	Polished aluminum license plate holder on rear of body, with LED light
50-21-8800	1	LED intermediate turn signal/clearance/reflector length >30'
50-22-0770	1	Whelen M6 LED CAST 4V tail/brake-turn-backup-warning module (pr)
50-31-6040	1	Scene lights (pr) - FRC Spectra SPA900-Q70 right side upper Switched in cab and at the pump panel. These lights will turn off when the parking brake is released.
50-31-6041	1	Scene lights (pr) - FRC Spectra SPA900-Q70 left side upper Switched in cab and at the pump panel. These lights will turn off when the parking brake is released.
50-31-6042	1	Scene lights (pr) - FRC Spectra SPA900-Q70 rear facing upper Switched in cab and at the pump panel. These lights will turn off when the parking brake is released. Will be activated when the transmission is in reverse and the E-Master is turned on; A waterproof switch will be located within a cast enclosure (60-41-6011) located on the rear left side. Operable when the park brake is set.
50-31-6610	1	Ground lighting (4" LED) - 4 door chassis Switched when park brake is applied.
50-31-6620	1	Ground lighting (4" LED) - side mount body Switched when park brake is applied.
50-35-0500	1	Power and ground provisions for customer installed mobile radio There will be one (1) pair of wires, positive and a negative, installed in the console area for the Customers radio system: The positive wire will be connected directly to the battery master switch. The negative wire will be connected directly to battery ground. Wires will be protected to 20 amps at 12 volts DC. Power and ground will terminate butt spliced and located in center console area.
50-35-0560	1	VHF antenna with base - commercial chassis BODY
60-10-1400	1	Single axle extruded aluminum body
60-10-15AA	1	Sweep out type compartment floors - 1" drop
60-10-4100	1	No "beavertail" rear step supports
60-10-4600	1	Painted fender surround
60-10-4750	1	Removable aluminum fender trim - single axle - powder coated black
60-10-5400	1	Diamondback pumphouse steps
60-10-5440	1	Diamondback 14" rear step
60-10-6500	1	Bolt on extruded aluminum rub rail
60-11-0300	1	Front left side compartments full height
60-11-0700	1	Front right side compartments full height
60-11-1000	1	Rear left side compartments full height
60-11-1400	1	Rear right side compartments full height
60-11-2000	2	High side compartment (over 18") each
60-11-2500	1	Rear compartment at step level
60-11-5500	2	Rollup door - standard height Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point

PART NO	QTY	DESCRIPTION
60-11-5500	1	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
60-11-5655	2	Amdor pull straps - Flex - HD (for door opening 20"-37") Ordered with doors
60-11-5660	4	Amdor pull straps - Flex - HD (for door opening 49"-70") Ordered with doors
60-31-4100	1	Extruded aluminum handrails Minimum 2" clearance from handrail to any surface
60-31-5500	1	Steps at rear of body (folding) with LED lights - ICI brand Maximum height between steps is 18"
60-31-5600	1	Steps and grab handles at front of body next to pump panel Maximum height between steps is 18"
60-31-5800	1	10" deep recess step above back compartment integral with body
60-31-6500	1	Compartment matting - black plastic interlocking tile
60-31-7900	1	Vertical unistrut tracking in all compartments Not required in L2 compartment with tool board
60-31-8004	4	BA bottle compartment (ea) - fender well - triple tube type with SS door
60-31-8650	5	Sliding tray (ea) - 500 pound capacity with lock-in, lock-out sliding hardware Located in L1, L3, R1, R3 and B1 compartments at floor level ***All trays installed on the bottom of the compartments will have two(2) aluminum runners with nylon cover installed near the center to avoid the tray from collapsing.
60-31-9600	10	Adjustable shelf (ea) Shelves located as follows; Two in L1 upper Two in L3 upper Two in R1 upper One in R2 full depth Two in R3 upper One in B1 - full depth Reflective stripe is applied on the exposed edge for visibility when the compartment door is open
60-32-3550	1	Two adjustable hose divider (each) Hand hold required in end
60-32-8000	1	Hose bed - plastic tile
60-33-0100	1	Paint exterior - Imron Elite and clearcoat *** 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	Stainless steel plumbing in pump house is NOT painted
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
60-33-3320	1	Reflective stripe - red and yellow chevron at rear - 3M Diamond Grade material The maximum surface of the rear body will be covered by chevron stripes. The stripes will be red and yellow-lime, 3M-983 brand, (models 72 and 23) Customer to confirm when lettering is confirmed (current truck is black and red)____
60-33-3500	1	Tarp over hose bed - black A black vinyl tarp will cover the main hose bed, retained by a Velcro tape affixed all around the hose bed. A hole will be made around the fill tower, to allow the cover to be opened freely. ***An orange tab will be installed at the end of each strap to visually show where to open the tarp
60-33-3600	1	Reflective stripe - inside entry doors - Chevron pattern where space permits As room permits a 3" wide chevron type stripe will be installed on each cab door. The covering surface will be at minimum 150 square inches if possible.
60-33-4620	1	Speedlay end tarps - black ***An orange tab will be installed at the end of each strap to visually show where to open the tarp
60-40-5500	2	Suction hose tube (each) with door One each side with access door at rear (covered with chevron) to house the 6" x 120" long suction hoses 80-11-5000.
60-40-9000	2	Tube mount for ladders and pike poles, with rear door A ladder compartment will be built on the rear right side. It will be made to contain one (1) 14' hook ladder 80-14-5500 and one (1) 2-section 24' ladder 80-14-0500. A storage compartment for Three (3) "D-Handle" pike poles (Customer, not supplied by Metalfab) and a 10' folding ladder 80-14-8500 will be built left rear side. Exact lengths of D-handle pike poles to be confirmed by customer _____ These compartment doors will be covered by chevron striping.
60-41-1015	3	Pike Pole tube in suction hose tube Three (3) regular pike poles will be stored in the suction hose compartment tubes - 2 in one tube, 1 in the other tube. Pike poles up to 10 feet (not supplied by Metalfab).
60-41-6011	1	Cast switch enclosure with hinged door on rear for Scene light switch A sealed aluminum Cast Products box is installed on the left rear side to house the waterproof switch for the rear scene lights 50-31-6042.

PART NO	QTY	DESCRIPTION
60-91-0800	1	Swing out toolboard (ea) Reflective stripe is applied on the exposed edge for visibility when the compartment door is open Located in the L3 compartment, full width of compartment. 1-7/8" hole centres for PAC style mounts unless otherwise specified __
60-99-25AA	1	Decon water hose reel provisons Provision above pump house LS for a decon 25' x 3/4" hose reel with GHT - manual rewind as per 30-99-05AA.
INSTRUMENTATION		
70-11-0000	1	Warning Label on Pump Operator's Panel
70-11-0500	1	Side mount instrument panel 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
70-11-1000	1	Black zolatone instrument panels
70-11-3205	1	Color coded tags - Vision Mark Colours are in accordance with NFPA A.13.9.1 standard unless otherwise specified
70-11-4100	1	Stainless steel side panel hood left side Amdor Lumabar lights will be mounted under the pump module panel light shield. These lights will automatically turn on when the pump is engaged or when the pump panel light switch is on and when the park brake is set
70-11-4500	1	Diamondback grip type panel hood step right side Amdor Lumabar lights will be mounted under the pump module panel light shield. These lights will automatically turn on when the pump is engaged or when the pump panel light switch is on and when the park brake is set
70-11-5200	1	End doors (hinged) for dunnage area over pump house, top to be open Two (2) aluminum tread plate doors will be installed, one (1) on each side of the apparatus, to facilitate easy access to the open dunnage cargo area. Each door will be equipped with a D-Ring handle. The doors will be hinged across the top and held in the open position by a gas cylinder. Cargo compartment lighting will be provided with Amdor Lumabar, 12" LED lights as required. The pumphouse will be designed and constructed to be the same height as the body.
70-11-5500	1	Right side tread plate pump access door No opening dimension less than 18"
70-11-7500	1	Heat pan-aluminum The heat pan will be approximately 48" wide x 72" long and cover all the pump and plumbing. The clearance between ground and the heat pan will be minimum 10" The tank sump drain valve will be enclosed in the heat pan assembly to prevent freezing.
70-11-8000	1	Heater in pump compartment with pilot light on panel

PART NO	QTY	DESCRIPTION
70-20-1120	2	4-1/2" compound gauge - dual face 0-400 Thuemling brand
70-20-2130	9	2-1/2" pressure gauge - dual face 0-400 - Thuemling brand
70-20-2500	1	Primer control for main pump
70-20-2501	2	Additional Primer control - for left and right MIV intakes
70-20-3200	1	FRC Pump Boss MAX Governor Control Throttle can be no lower than 42" and no higher than 72" from operator's standing position.
70-20-3660	1	Electric water level gauge on pump panel and rear, FRC WLA300-A00
70-20-6500	1	Test gauge panel Mount below the compound gauges for proper draining
70-20-7600	1	Pump cooler control valve
70-21-1500	1	Electric Foam Level gauge - FRC Include access to and room for sender in front of body and back of pump house
ACCESSORIES		
80-11-5000	2	6" x 10' lightweight suction hose (ea)
80-12-2500	1	6" barrel strainer
80-13-0500	1	Rubber mallet
80-14-0500	1	24' 2 section extension ladder PEL 24
80-14-5500	1	14' aluminum roof ladder PRL-14
80-14-8500	1	10' aluminum folding attic ladder FL-10
80-18-0650	4	Supply and install SmartDock SCBA bracket in chassis split seat backs (ea)
80-19-0500	2	Large folding wheel chock - aluminum (ea) Mount wheel chock with 80-19-0600 brackets in the L1 compartment at the compartment depth change under the first shelf.
80-19-0600	2	Horizontal bracket for folding wheel chock (ea)
80-20-5015	5	Helmet holder - mounted (ea) - Zico UHH-1
80-99-20AA	4	2-1/2" to 1-1/2" reducing caps (ea) with 1-1/2" cap Part numbers: 1501832 - BCT reducing cap 1500281 - 1-1/2" CP Cap