



## Shop Order

Cape Breton Regional Municipality  
 Financial Services Procurement Section  
 Suite 102, 1st floor  
 320 Esplanade  
 Sydney, NS B1P 7B9

Pumper - Work Order 21098

<b>Sales Rep:</b> Jacques Pelletier Metalfab Ltd.	<b>Terms:</b> Chassis Net 10 days, Bday and Equipment COD
<b>Drawing #:</b> FT-11208 <b>Est. Delivery Date:</b> / / <b>Customer PO #:</b> 4500177251 <b>Customer #:</b> 395 <b>QPF #:</b>	<b>Penalty:</b> None - Delivery no later than March 13, 2020

**Quote No:** JCANS-0011  
**Job/Order No:** 21098  
 07/08/2020

PART NO	QTY	DESCRIPTION
	1	== Metalfab Pumper - ULC 05/13 - 0.000 ==
	1	CHANGE ORDER C
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	<b>Hale Pump Warranty - 5 years</b>
00-20-1800	1	Polypropylene Tank Lifetime Warranty
00-20-2000	1	Plant Visits - unlimited at customer expense
00-20-2800	1	<b>Bid Bond/Performance Bond required (Canada)</b> <b>Bid Bond for ten (10) percent of the tendered sum (with bid submission).</b> <b>A Performance Bond in the amount of fifty (50) percent contract price and Labour and Material Payment Bond in the amount of fifty (50) percent of the contract price will be required upon notification of award.</b>
00-20-3500	1	Certification for Fusion Welding of Aluminum
00-20-4000	1	<b>Quality System registered to ISO 9001:2015</b>
00-20-4500	1	Fire Apparatus Manufacturers' Association Membership
	1	GENERAL INFORMATION
10-11-0000	1	Intent E
10-11-0110	1	<b>Vehicle data recorder included with chassis</b>
10-11-1100	1	<b>ULC S515-13 and NFPA 1901-1016 Compliance</b>
10-11-1500	1	ULC Testing - Pumper
10-11-2100	1	<b>Maximum length - 396"</b>
10-11-2200	1	<b>Maximum height - 9'6" (114")</b>
10-11-2400	1	<b>Overall length is 30' or more</b>
10-11-2500	1	General Construction
10-11-3000	1	<b>Manuals - two copies</b> <b>***Two copies of manuals are required.</b>
10-11-3600	1	<b>Delivery - FOB Fire Department</b> <b>To be delivered by March 13, 2020</b> <b>FOB: Cape Breton Regional Municipality</b> <b>850 Grand Lake Rd, Sydney, NS</b>

PART NO	QTY	DESCRIPTION
10-11-4000	1	Payment Terms - Chassis Net 10 days, Balance COD
10-20-1000	1	Hose bed capacity - standard ULC Pumper
10-20-2000	1	Equipment carrying capacity - standard ULC Pumper
	1	<b>CHASSIS INFORMATION</b>
<b>20-11-1000</b>	<b>1</b>	<b>Chassis supplied by Metalfab - International MV607 four door</b>
		International MV607 four door
		44,600 lb GVWR 14,600 lb front axle 30,000 lb rear axle
		240" wheelbase 129" cab to axle
		Cummins L9 350 hp @ 2000 rpm 2200 no load governed rpm
		1000 lb-ft torque at 1400 rpm
		Speed limited to 68 MPH
		Allison 3000 EVS automatic transmission 6 speed LH PTO opening
		Jacobs engine brake - order with brake light activation
		325 Amp alternator
		189 litre fuel tank, left side under cab
		LED fog lights included with chassis
		LED headlights by dealership (Richwil)
		Hub caps and nut covers by dealership (Richwil)
		Paint codes to match VIN 3HAEJTAR8KL800483
		9219 Winter White over 2526 Maroon
		Spray outs required
		Paint codes and paint line to be confirmed
		<hr/>
		The bottom chassis step is to be even with the body rub rail as requested at the pre-construction meeting of 11.14.2019
20-11-1500	1	2013 Emission chassis modifications
<b>20-11-1600</b>	<b>1</b>	<b>Chassis Motor Vehicle Inspection as supplied by chassis dealership</b>
20-21-0500	1	Fluid capacity plate
20-21-0600	1	Pumping test plate
<b>20-21-1030</b>	<b>1</b>	<b>Maximum riders sign - 5 persons</b>
<b>20-21-1510</b>	<b>1</b>	<b>Seat belt warning labels - 4 door chassis</b>
<b>20-21-1560</b>	<b>1</b>	<b>Tire Pressure Indicators - Single Axle</b>
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
<b>20-21-3810</b>	<b>1</b>	<b>Front mudflaps provided with chassis E</b>
20-21-4000	1	Rear mudflaps - Metalfab Logo
20-31-0200	1	Fuel fill label -Ultra Low Sulfur Diesel only
<b>20-31-1000</b>	<b>1</b>	<b>Alum tread fuel tank trim, Conv - 4 door</b>
		Vertical trim only, OEM cab steps remain
		The bottom chassis step is to be even with the body rub rail as requested at the pre-construction meeting of 11.14.2019
<b>20-31-1900</b>	<b>1</b>	<b>Chassis cab painted white over maroon by chassis OEM</b>
		Paint dividing line as approved by CBRM - see also 20-11-1000
<b>20-31-7500</b>	<b>1</b>	<b>Console in cab</b>
		Install with space for 2 radios (Customer to specify cutout sizes), siren (50-11-1450), traffic advisor (50-11-6600), switch for On-Spot chains (20-41-5500), Traffic bar 50-11-6600, and pump shift (30-51-0500) in console.

PART NO	QTY	DESCRIPTION
		Storage area with hinged cover and lift and turn latch provided at rear of console. Gray Zolatone finish Customer to specify cutout sizes for radios
<b>20-41-0600</b>	<b>1</b>	<b>Intake air shutoff for engine not requested</b>
<b>20-41-0900</b>	<b>1</b>	<b>Auxiliary braking system disabled when pumping</b>
20-41-1100	1	Transmission programming - Allison WT
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.
<b>20-41-1801</b>	<b>1</b>	<b>Battery boost terminals not required - batteries accessible</b>
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)
<b>20-41-5500</b>	<b>1</b>	<b>ON SPOT Automatic traction chains</b> Switch with guard located within easy reach of driver on console 20-31-7500
<b>20-51-0700</b>	<b>1</b>	<b>Master Battery Disconnect included with chassis</b>
<b>20-51-2500</b>	<b>1</b>	<b>Back up alarm included with chassis</b>
20-51-3400	1	Protection valve installed for air operated accessories
<b>20-51-4000</b>	<b>1</b>	<b>Auto eject for air inlet - LS</b> In addition to the on board compressor 20-51-6600 Located on left side pump panel.
<b>20-51-6200</b>	<b>2</b>	<b>120 volt 20 A shore line connection in chassis cab</b> Standard 5-20R duplex receptacle in chassis cab, not fused. Final locations to be determined at pre-construction meeting: 1. For battery conditioner to plug into 2. To be installed in the L1 compartment in the upper portion of the compartment as discussed at the pre-construction meeting of 11.14.2019
<b>20-51-6700</b>	<b>1</b>	<b>Kussmaul Pump Plus conditioner/compressor</b> Battery conditioner located in cab under/behind rear seat(s) 120-Volt compressor located inside pump house easily accessible through the right side pump access door.
<b>20-51-7101</b>	<b>1</b>	<b>Electric System Management - by Diamond Logic</b>
<b>20-51-7500</b>	<b>1</b>	<b>Super Auto eject for 120 v - 20 A with sealed enclosure</b> Located on left side pump panel.
<b>20-51-8510</b>	<b>1</b>	<b>Engine compartment light LED</b> Switched when park brake is applied
<b>20-51-9001</b>	<b>1</b>	<b>Air horns as supplied by chassis OEM</b> Chassis is supplied with a single trumpet air horn under cab hood, controlled by driver's lanyard and a momentary button on dash. ***Another single trumpet air horn will be added under cab hood, for a total of two.***
20-52-3000	1	Chassis steering wheel lined up by others
<b>20-52-4000</b>	<b>1</b>	<b>Rear View Camera system</b> The camera shall activate when the transmission is placed in reverse and also when park brake is applied. Rearview Systems STM5600 with 5.6" colour monitor in cab on a rigid mount on/in dash. Monitor mounting location was confirmed at the Pre-construction meeting of 11.14.2019.

<b>PART NO</b>	<b>QTY</b>	<b>DESCRIPTION</b>
20-60-0400	1	Chassis wheelbase does not change
	1	<b>PUMP AND PLUMBING</b>
30-11-8100	1	<b>Hale QMAX 1250 IGPM single stage pump</b>
30-12-3400	1	<b>Packing for Hale QMAX/QTWO pumps</b>
30-15-0104	1	<b>Plumbing - Hale manifold pump SM SS E</b>
30-20-0500	1	Valves and controls - side mount panel
30-20-1003	1	<b>Elkhart valves</b> Suction and discharge valves are Elkhart brand.
30-20-1600	1	<b>Piping stainless steel - general</b>
30-20-1700	1	<b>1-1/2" thread specifications - NPSH</b>
30-20-1800	1	<b>2-1/2" thread specifications - NSZ1</b> Customer confirmed thread sizes at pre-construction meeting of 11.14.2019.
30-20-2000	1	Piping hydrostatic test
30-20-2500	1	<b>Anodes in suction and discharge piping</b> 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	<b>Tank to Pump SS 3" w/ check valve manifold pump</b>
30-22-0520	1	<b>Tank Fill valve 2" SS</b>
30-31-4010	1	<b>Suction - 6" each side manifold pump</b> Two 6" (gated) - 1 each side; equipped with long handle chrome caps. Inlets will have removable strainers. ***Note - 6" long handled CP caps have no retaining chains***
30-31-7200	2	<b>Hale master intake suction valve - electric control</b> Left and right 6" suction inlets are gated. Both electric controls are located on the left side operators panel. Manual override is located next to each inlet Pre-prime for the suction inlets were requested at the pre-construction meeting of 11.14.2019. Refer 30-51-7721
30-32-7530	1	<b>Suction - 2-1/2" left side SS, bleeder, Hale manifold pump</b> Control at valve on pump panel.
30-32-8030	1	<b>Suction - 2-1/2" right side SS, bleeder, Hale manifold pump</b> Control at valve on pump panel.
30-40-2020	1	<b>4" right discharge SS, plumbed 3", Hale manifold pump</b> 4" Storz connection Bleeder required
30-41-2020	1	<b>2-1/2" RS discharge SS, bleeder, Hale manifold pump</b>
30-41-2520	2	<b>2-1/2" LS discharge SS, bleeder, Hale manifold pump</b>
30-43-1520	1	<b>2-1/2" rear discharge SS, plumbed 2-1/2", bleeder</b> Centered at rear - location was approved at pre-construction meeting of 11.14.2019
30-44-3520	2	<b>2-1/2" crosslay SS, plumbed 2-1/2", bleeder</b> The crosslays will be plumbed to 2-1/2" valves and fittings as discussed at the pre-construction meeting of 11.14.2019
30-44-6520	1	<b>Piping for monitor SS, plumbed 3", bleeder</b> The outlet is capped in area rear of the crossly hose lay, centered transversely.
30-51-0500	1	<b>Pump shift-Midship air</b> ***Includes "Pump Engaged" and "OK to Pump" indicator lights on chassis instrument panel ***Includes "Throttle Ready" indicator light on Pump operating panel

PART NO	QTY	DESCRIPTION
30-51-0700	1	Pump Gearbox mounted manual over ride for pump shift E
30-51-6640	1	<b>Class One "TPG Plus" Governor/Throttle</b>
30-51-7000	2	<b>Suction side relief V/V, manifold pump</b> One for right side MIV-E One for left side MIV-E
30-51-7720	1	<b>Additional air tank for air primer system</b> An additional air tank is provided to improve air primer capacity
30-51-7721	1	<b>Trident Automatic Air Primer 3 barrel 3 location with gauge</b> There will be an automatic air primer with two (2) pre-primers and gauge installed on the unit as requested at the pre-construction meeting of 11.14.2019
30-51-8100	1	<b>Heat exchanger included with chassis</b>
30-52-1000	1	Master drain V/V, 12 port
30-52-2000	1	<b>Drain valve for foam system header</b>
30-52-5610	1	<b>Foam system-Hypro FoamPro 2001 Dual Tank</b> Foam system is plumbed to both 2.5" crosslays and rear 2.5" discharge as requested at the pre-construction meeting of 11.14.2019. The system will have a manual selector valve to switch from Tank A to Tank B.
30-52-6500	1	<b>FoamPro dual tank selector valve (manual)</b> There will be a manual dual selector valve to select either Tank A or Tank B.
30-52-9100	1	<b>Foam concentrate label at foam tank fill</b>
30-52-9100	1	<b>Foam concentrate label at foam tank fill</b>
30-52-9200	1	<b>Foam System Instruction Plates</b>
30-52-9400	1	<b>NFPA Foam System certification test</b>
		<b>WATER AND FOAM TANKS</b>
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	<b>Foam cell - 20 Imperial gallon</b>
40-12-4500	1	<b>Foam cell - 20 Imperial gallon</b>
40-21-0500	1	<b>3" tank to pump connection</b>
40-22-0500	1	<b>2" tank fill connection</b>
40-23-0500	1	<b>1" water level gauge connection</b>
40-23-1000	1	<b>1" foam level gauge connection</b>
40-23-1000	1	<b>1" foam level gauge connection</b>
40-23-1050	1	<b>4" Fireman's Friend connection</b>
40-30-0500	1	<b>Sump drain valve (3" gate valve) with linkage E</b> Left side to clear exhaust and drive lines.
40-30-1000	1	Water Fill Box front left corner
40-31-0400	1	Rear dump valve not requested E
40-31-9000	1	<b>4" Storz rear fill, Fireman's Friend, bleeder</b> Bleeder required. Install the 4" Storz x 2-1/2" female swivel and CP adapter 80-99-05AA on rear fill. (ship the 4" Storz blind cap loose).
	1	<b>ELECTRICAL</b>
50-11-0450	1	<b>Base electrical system - International Diamond Logic multiplex</b>
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	<b>Rocker switch panel with master warning switch</b> Rocker switches located on/in cab dash as supplied with the chassis (Diamond Logic) ***Rocker switch assignments: <b>MASTER</b>

PART NO	QTY	DESCRIPTION
		-LIGHT BAR RED
		-LIGHT BAR CLEAR
		-REAR BEACONS
		-FLASHING WARNING
		-REAR FLOODS
		-LS SCENE LIGHTS
		-REAR SCENE LIGHTS
		-RIGHT SCENE LIGHTS
		-Front scene were added with light bar
		-LS Alley were added with the light bar
		-RS Alley were added with the light bar
50-11-1450	1	<b>Federal 200 watt PA4000 siren</b> Mounted in console 20-31-7500 SOPT 753
50-11-1620	2	<b>Siren speaker,100 watt, in front bumper</b> One each side
50-11-2600	1	<b>Siren to be accessible to driver and officer</b>
50-11-61AA	1	<b>Whelen F4N0VLED with front scene and alley lights</b> There will be a Whelen F4N0VLED light bar with front scene lights and alley lights at each end as requested at the pre-construction meeting of 11.14.2019
50-11-6600	1	<b>Rear LED Traffic Advisor warning lights - surface mount</b> Control located in cab console 20-31-7500. Make and model of traffic bar to be a Whelen TAM83 as discussed at the Pre-construction meeting of 11.14.2019
50-11-8600	1	<b>Rear LED beacons-Whelen MCFLED2R (pr) both red</b>
50-12-8000	1	<b>Additional body side intersection light not required</b> Distance between front and rear side intersection light does not exceed 25'
50-12-8520	1	<b>Front LED flashers (pr)-Whelen red LED 600 with integral flasher</b> Located in chassis front grille
50-12-8610	1	<b>Rear LED flashers (pr)-Whelan red LED 600 with integral flasher</b> There will be a pair of rear facing flashers installed over the rear tail light module as discussed at the pre-construction meeting of 11.14.2019.
50-12-8710	1	<b>Front side inter lts (pr) - Whelen red LED 600 with integral flasher</b> Located on cab fenders
50-12-8810	1	<b>Body side inter lts (pr)-Whelen red LED 600 with integral flasher</b> Located on body fenders - rear of center.
50-21-1506	1	<b>Unity LED rear flood lights (pr)</b> There will be a pair of Unity LED rear flood lights installed at the rear of the hose bed. They will be switched in the cab and on the light head. The rear floods cannot be wired to shed as they are required for ULC. SOPT 255a
50-21-5100	1	Compartment lighting - LED tube lights in each compartment (rollup doors)
50-21-5500	1	<b>Door Ajar warning light</b> Indicator light on dash (supplied with International chassis) Bilingual warning label to read: "Do Not Move Apparatus when Light is on"
50-21-5550	1	<b>Equipment rack not stowed warning light</b> For the Zico ladder access system. Indicator light on dash (supplied with International chassis) Bilingual warning label to read:

PART NO	QTY	DESCRIPTION
		"Do Not Move Apparatus when Light is on"
50-21-8001	1	<b>Step lights for body steps - 4" LED</b> Switched when park brake is set.
50-21-8201	1	<b>12" Lumabar step lights for chassis steps</b> Switched when park brake is set. SOPT 194
50-21-83AA	1	<b>12" LED Lumabar to illuminate rear access ladder</b> Switched when park brake is set. SOPT 307b
50-21-8600	1	LED clearance lts and reflectors
50-21-8800	1	<b>LED intermediate turn signal/clearance/reflector length &gt;30'</b>
50-22-0700	1	<b>Whelen 64 LED tail/brake-turn-backup module (pr)</b> Include Tecniq auxiliary turn/tail-brake light module in rear step rubrail.
50-31-6021	1	<b>Whelen C9SL left side scene light (pr)</b> Located in upper front and rear corners of body side. Switched in cab These lights can be managed to shed. SOPT 39c
50-31-6022	1	<b>Whelen C9SL rear scene lights (pr)</b> Located in upper portion at rear of body. Switched in cab and when transmission is placed in reverse. These lights can be managed to shed. SOPT 39c
50-31-6023	1	<b>Whelen C9SL right side scene light (pr)</b> Located in upper front and rear corners of body side. Switched in cab These lights can be managed to shed. SOPT 39c
50-31-6560	1	<b>Ground lighting (LED Lumabar) - 4 door chassis</b> Switched when park brake is set and when truck is in reverse.
50-31-6570	1	<b>Ground lighting (LED Lumabar) - side mount body</b> Switched when park brake is set and when truck is in reverse. Locations are as follows; One (1) each side under the pump. One (1) each side of body mid ship (ahead of rear wheels) One (1) each rear corner under rear step at 45 degree One (1) center rear under rear step/bumper
50-31-65AA	1	<b>Hose bed lighting - LED on front partition for ULC requirement</b> Switched when park brake is set. SOPT 958
50-35-0560	1	<b>VHF antenna with base - commercial chassis</b> Cable to be routed to console 20-31-7500 area, clearly labeled. Customer will cut antenna to length as needed. Customer supplied radio to be installed by customer after delivery
50-35-0590	1	<b>Cellular/TMR antenna with base - commercial chassis</b> Cable to be routed to console 20-31-7500 area, clearly labeled. Customer will cut antenna to length as needed. Customer supplied radio to be installed by customer after delivery

PART NO	QTY	DESCRIPTION
50-99-10AA	4	<b>FRC FCA530-V20-ON-SW-NS-SR Evolution 20k Lumen push up</b> Mounted on the four corners of the apparatus body Switch on light head Wired to shed Include "Hazard switch" option Include "No "No Scratch" option ***Rear Telights are special length - Engineering to determine*** SOPT 519
51-31-2500	1	<b>5000 watt portable generator, electric start, wired to chassi battery</b> Install in R2 compartment on slide out tray
51-31-3000	1	<b>120 volt wiring for portable generator</b> Circuit panel to be located in right side rear compartment if room permits but can be installed in alternate location if there is not enough room - as discussed at the pre-construction meeting of 11.14.2019 Note that Neutral is bonded to chassis ground. 2 outlets - mounting locations as discussed at the Pre-construction meeting of 11.14.2019 Receptacle #1 - On the rear corner of the body Receptacle #2 - On the opposite rear corner of the body
51-31-4500	1	<b>Dielectric strength test for line voltage system</b>
60-10-1400	1	Single axle extruded aluminum body
60-10-15AA	1	<b>1" drop on lower edge of compartment floor - sweep out type</b> SOPT 1236
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	<b>Front left side compartments full height E</b>
60-11-0500	1	Front right side compartment to top of wheel well
60-11-1000	1	<b>Rear left side compartments full height E</b>
60-11-1100	1	Rear right side compartment to top of wheel well
60-11-2000	1	<b>High side compartment (over 18") each</b>
60-11-3100	1	<b>No rear compartment E</b>
60-11-5500	3	<b>Rollup door - standard height</b> Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point
60-11-5520	2	<b>Rollup door - full height</b> Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point ***No pull down straps requested***
60-11-5655	1	<b>Amdor pull strap for L2 compartment door</b> Order with doors
60-11-5660	2	<b>Amdor pull strap for compartment door (ea) - L1 &amp; L3</b> Order with doors
60-31-4100	1	Extruded aluminum handrails Minimum 2" clearance from handrail to any surface
60-31-5000	1	<b>Zico access Ladder at rear of unit</b> Minimum 7" clearance between rung and any obstruction. Not stowed switch required wired to the door ajar light in cab.

PART NO	QTY	DESCRIPTION
60-31-5500	1	<b>Steps at rear of body (folding) w/ LED light</b> There will be folding steps installed on the rear right side of the body and they will have an integral LED light that will be activated with the park brake Maximum height between steps is 18" As discussed at the pre-construction meeting of 11.14.2019
60-31-5600	1	Steps and grab handles at front of body next to pump panel Maximum height between steps is 18"
60-31-5700	2	<b>Pull out step under body (each)</b> Under the pump house at each side. Illuminated to meet ULC Reflective tape all around Wired to the door ajar warning light in cab
60-31-6500	1	<b>Compartment matting-Interlocking tile</b>
60-31-7900	5	<b>Vertical unistruts (4) in every compartment</b>
60-31-8003	4	<b>Cast Product double SCBA tubes in rear fenders (ea)</b> Complete with nylon retaining straps. Door ajar switch required. SOPT 820a
60-31-8800	2	<b>Sliding tray (ea) - 600 pound capacity</b> ***Hardware requires 3-1/2" of compartment height White reflective stripe is applied on the exposed edge for visibility when the compartment door is open Located at floor level - one in the right side front compartment and one in the right side rear compartment
60-31-9600	6	<b>Adjustable shelf (ea)</b> Reflective stripe is applied on the exposed edge for visibility when the compartment door is open Mounting location: 1. L1 compartment - deep 2. L1 compartment - deep 3. L1 compartment - shallow 4. L3 compartment - deep 5. L3 compartment - shallow 6. L3 compartment - shallow The locations were approved at the pre-construction meeting of 11.14.2019
60-32-3550	1	<b>Two adjustable hose divider (each)</b> Hand hold required in end
60-32-7500	1	Hose bed - aluminum
60-33-0000	1	<b>Paint exterior - Imron Elite</b> *** Paint code and colour red (maroon) to match red on cab
60-33-0200	1	Undercoat vehicle with KROWN rust protection
60-33-0600	1	<b>Chassis wheels not painted</b> Aluminum wheels supplied by chassis OEM. Painted axle hubs remain as supplied by chassis OEM.
60-33-1000	1	Paint pump and plumbing job colour
60-33-1500	1	Buffed finish compartment interior
60-33-2000	1	Lettering - no lettering provided
60-33-3200	1	<b>Reflective stripe - 1" - 4" -1" white</b> 50% of perimeter each side and 25% of perimeter front 3M Scotchlite white reflective with a "hockey-stick" pattern in the L1/R1 compartment. Customer to confirm stripping layout. Striping drawing has been approved by the customer June 18-20

<b>PART NO</b>	<b>QTY</b>	<b>DESCRIPTION</b>
60-33-3310	1	<b>Reflective stripe - red and yellow chevron at rear</b> Minimum 50% of rear vertical surface. Printed 3M Scotchlite material
60-33-3500	1	<b>Tarp over hose bed - black</b> Shock cord and hooks to be used to fasten tarp to body
60-33-3600	1	<b>Reflective stripe - inside entry doors</b> 96 square inches minimum of white reflective inside each cab and crew cab entry door.
60-33-4600	1	<b>Aluminum cover over crosslays - with end tarps (black)</b> End tarps are standard black tarps with Velcro straps.
60-40-5500	2	<b>Suction hose tube (each) with door</b> Under the tee of the tank to house the 6" x 10' long suction hoses 80-11-5000. Door ajar switch required. The tubes will be completely enclosed as discussed at the pre-construction meeting of 11.14.2019.
60-41-1015	2	<b>Pike Pole tube in suction hose tube</b> One tube in each suction hose tube to store the 10' pike pole 80-12-2500 and the 8' pike pole 80-13-2200.
60-41-9001	1	<b>Zico hydraulic Ladder Access system</b> Right side over side compartments Storage for the 24' two section ladder 80-14-0500, 12' roof ladder 80-14-5000 and 10' folding attic ladder 80-14-8500. To be wired so only operable when park brake is engaged. Flashing lights and white reflective tape required at front and rear to indicate any areas that protrude beyond the body.
60-41-9010	1	<b>ZICO LAS switched at rear above tail light E</b> Switch is located on same side as electric rack - right side.
	1	<b>INSTRUMENTATION</b>
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
70-11-1500	1	<b>Stainless steel instrument panels</b> 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 ***Pump panels will be hinged side for easy access when completing service***
70-11-3200	1	Colour coded tags
70-11-4000	1	Stainless steel side panel hood right side
70-11-4100	1	Stainless steel side panel hood left side
70-11-5000	1	Standard cover over rear top of pump house - no storage
70-11-5500	1	Right side tread plate pump access door No opening dimension less than 18"
70-11-7550	1	<b>Heat pan - aluminum totally enclosed side, front and rear with neoprene seal</b>
70-11-8000	1	<b>Heater in pump compartment</b> Switch located on pump operators panel
70-11-8200	1	<b>Rubber seal around suction and discharge opening on pump panel</b>
70-20-1120	2	<b>4-1/2" compound gauge - dual face 0-400</b> To be within 8" of each other - edge to edge

<b>PART NO</b>	<b>QTY</b>	<b>DESCRIPTION</b>
70-20-2130	8	<b>2-1/2" pressure gauge - dual face 0-400</b> Gauge to be no more than 6" from edge of the gauge to the center of the control. Pressure gauge to have color trim rings to match discharge handle/label colors.
70-20-2500	1	<b>Primer control</b>
70-20-2501	2	<b>Additional Primer control</b> There will be a pre-prime button supplied for each suction as requested at the pre-construction meeting of 11.14.2019
70-20-3100	1	<b>Class One Governor Control</b> Throttle can be no lower than 42" and no higher than 72" from operator's standing position.
70-20-3510	1	<b>Electric water level gauge on pump panel and at rear, Class One</b>
70-20-6500	1	Test gauge panel Mount below the compound gauges for proper draining
70-20-7500	1	<b>Heat exchanger control valve</b>
70-21-1500	1	<b>Electric Foam Level gauge</b> Include access to and room for sender in front of body and back of pump house
70-21-1500	1	<b>Electric Foam Level gauge</b> Include access to and room for sender in front of body and back of pump house
70-21-5500	1	<b>Panel readout for Battery Conditioner</b> Located on left side pump panel.
	1	<b>ACCESSORIES</b>
80-11-5000	2	<b>6" x 10' lightweight suction hose (ea)</b> Tube mounted
80-12-4500	1	<b>6" low level strainer with 1-1/2" venturi connection</b> Shipped loose. Customer will mounted in Customer supplied brackets.
80-13-2200	1	<b>Pike pole, fibreglass handle - 8' long</b> Tube mounted
80-13-2500	1	<b>Pike pole, fibreglass handle - 10' long</b> Tube mounted
80-13-4000	1	<b>Axe, pick head, fibreglass handle and bracket</b> There will be an axe mounted on the rear of the body between the Zico Access Ladder and the direct fill. As discussed with Deputy Chief DJ Walker by e-mail on 06.09.2020
80-13-4500	1	<b>Axe, flat head, fibreglass handle and bracket</b> There will be an axe mounted on the rear of the body between the Zico Access Ladder and the direct fill. As discussed with Deputy Chief DJ Walker by e-mail on 06.09.2020
80-14-0500	1	<b>24' 2 section extension ladder PEL 24</b> Stored on the LAS.
80-14-5000	1	<b>12' aluminum roof ladder PRL-12</b> Stored on the LAS.
80-14-8500	1	<b>10' aluminum folding attic ladder FL-10</b> Stored on the LAS.
80-14-9000	1	<b>Attic ladder bracket (Zico)</b> Bolted to the LAS for the 80-14-8500 attic ladder.
80-18-0600	4	<b>SCBA brkt w/strap - ZICO ULLH - crew cab mount</b> Bolted in the SCBA ready seats in cab.

PART NO	QTY	DESCRIPTION
80-19-0500	2	<b>Large folding wheel chock - aluminum (ea) not mounted</b> Shipped loose.
80-19-0600	2	<b>Horizontal bracket for folding wheel chock (ea)</b> The brackets will be mounted under the L1 compartment as discussed at the pre-construction meeting of 11.14.2019
80-99-05AA	1	<b>4" Storz to 2.5" swivel female with CP plug</b> S54R425 - 1501196 CP Plug - 1500295 SOPT 137 Install adapter and CP Plug on the rear fill 40-31-8000
80-99-40BB	3	<b>Supply and install three (3) sets of 1004-B PAC mounts</b> There will be three (3) pairs of 1004-B PAC brackets mounted on the right side fender top between the Zico LAS bracket for customer supplied tools: - 72" Roof hook - 60" D-handle pike pole - Ceiling hook As discussed with Deputy Chief DJ Walker by e-mail on 06.09.2020
80-99-40CC	1	<b>Supply and install a K5032 Halligan PAC bracket</b> There will be a K5032 Halligan PAC bracket mounted on the the rear of the body beside the axes 80-13-4000/4500 for a customer supplied halligan that measures 42" from tip to tip .As discussed with Deputy Chief DJ Walker by e-mail on 06.09.2020