



Shop Order

West Pubnico Fire Department
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 Yarmouth County
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 902-740-2979
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Sales Rep: Chris Doucette Metalfab Ltd.	Terms: Chassis Net 10 day Body and Equipment COD
Drawing #: FT-11127-B Est. Delivery Date: / / Customer PO #: Customer #: 1624 QPF #:	Penalty: None

Quote No: 10051-0514
Job/Order No: 20949
 06/17/2020

PART NO	QTY	DESCRIPTION
	1	== Metalfab Pumper - ULC 05/13 - 0.000 ==
	1	CHANGE ORDER E
00-10-1500	1	Metalfab Pumper
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
00-20-1700	1	Darley Pump Warranty - 6 year parts, 3 year labor
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 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
10-11-0105	1	Vehicle Data Recorder not requested E
10-11-1100	1	ULC S515-13 compliance
10-11-1500	1	ULC Testing - Pumper
10-11-2100	1	Maximum length 34' or 408"
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 manuals are required.
10-11-3600	1	Delivery / Training - FOB Fire Department Includes 6 hours of on-site training. Darley rep to provide on site pump training after delivery.
10-11-4000	1	Payment Terms - Chassis Net 10 days, Balance COD
10-20-1400	1	Hose capacity exceeding ULC/NFPA requirements 1000' - 4 inch 1000' - 2.5 inch ***Additional weight allowance of 1012 pounds***

PART NO	QTY	DESCRIPTION
10-20-2000	1	Equipment carrying capacity - standard ULC Pumper This vehicle is designed to carry the standard ULC miscellaneous equipment load of 2000 pounds
	1	CHASSIS INFORMATION
20-11-1000	1	Chassis supplied by Metalfab - Freightliner M2 106 four door 45,600 lb GVWR 14,600 lb front axle 31,000 lb rear axle 260" wheelbase 147.04" cab to axle 100" rear frame overhang Cummins L9 350 HP @ 2000 rpm 2200 governed rpm 1000 lb/ft torque @ 1400 rpm 3000 EVS automatic transmission, 5 speed, LH/RH PTO openings on sides of transmission 275 amp alternator 1350 cu in auxiliary air tank 189 litre fuel tank - left side under cab Air horns on hood controlled by dual lanyards in cab Power windows, manual door locks ESC SCBA type seats to be confirmed by Metalfab to ensure compatible with the 80-99-10AA SCBA brackets. L0006 EB white over L3240 EB red - paint codes were confirmed by Customer 08.23.2019 Paint dividing line - top of hood white and side of the hood white was confirmed 08.06.2019 Spray outs required for Customer sign off and were approved 08.22.2019
20-11-1500	1	2013 Emission chassis modifications
20-11-1700	1	Chassis Motor Vehicle Inspection as supplied by chassis dealership
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
20-21-1560	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
20-21-3500	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 The Freightliner stock steps will be removed and custom grip strut steps will be installed. The vertical portion of the step area will be covered with diamond plate to hide the under carriage.
20-31-1900	1	Chassis cab painted two tone color by Chassis OEM
20-31-4700	1	Extend front bumper, gravshld with preconnected hosewell Bumper shall be extended approximately 20" Hose well shall store minimum 150' of 1-3/4 inch pre connected hose line and nozzle. Discharge connection shall be on the top of the gravel shield towards the left side as shown on proposal drawing.
20-31-7500	1	Console in cab Install switch panel (50-11-0900), siren (50-11-1400), cutouts for radios (50-35-0500), and

PART NO	QTY	DESCRIPTION
		pump shift (30-51-0500) in console. Storage area with hinged cover and lift and turn latch provided at rear of console. Adequate room in front of console to be provided for fire extinguisher storage. Gray Zolatone finish
20-41-0600	1	<i>Intake air shutoff for engine not requested</i>
20-41-0900	1	<i>Auxiliary braking system disabled when pumping</i>
20-41-1100	1	<i>Transmission programming - Allison WT</i> Programming required for lockup for pump ***Includes "Pump Engaged" light next to pump shift on chassis instrument panel. See also 20-44-5500 for "On Spot" kickout
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
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 The On Spot chains shall be interlocked with the speed and shall automatically store at a speed of 50km/h Control for the traction chains shall be in cab within easy reach of driver - beside the cruise control so only accessible to the driver. As discussed at the pre-construction meeting of 08.12.2019
20-51-0700	1	<i>Master Battery Disconnect included with chassis</i>
20-51-2500	1	<i>Back up alarm included with chassis</i>
20-51-3000	1	<i>Air inlet with matching fitting - LS</i> Located in left side cab step area under rear cab entrance door.
20-51-3400	1	Protection valve installed for air operated accessories
20-51-6200	4	120 volt 20 A shore line connection in chassis cab Standard 5-20R duplex receptacle, not fused Customer specified locations at the Pre-construction meeting of 08.12.2019 and Troy Amirault requested an additional outlet by e-mail on 04.09.2020 Receptacle #1 - for the battery conditioner to plug into. Receptacle #2 - At the rear of the console 20-31-7500 Receptacle #3 - At the upper corner of the L1 compartment Receptacle #4 - At the upper corner of the R2 compartment
20-51-6500	1	Kussmaul Autocharge 1000 battery conditioner w/battery saver Battery charger is located behind/under the rear passenger's seat
20-51-7101	1	<i>Electric System Management - VMUX</i>
20-51-8010	1	<i>120 volt - 20 A volt inlet</i> Located in left side cab step area under rear cab entrance door.
20-51-8510	1	<i>Engine compartment light LED</i> One required to light up engine compartment Switched when park brake is applied.
20-51-9001	1	<i>Air horns supplied with chassis and installed on hood. - Lanyard Controlled</i> Dual lanyard controls are supplied with the chassis.

PART NO	QTY	DESCRIPTION
20-52-3500	1	Chassis steering wheel lined up by Metalfab E
20-52-4001	1	Rear View Camera system 7" Rearview Systems STM7000 with 7" colour monitor in cab mounted on the dash with easy sight of driver. Mounted on a rigid mount on the face of the chassis dash. As discussed at the pre-construction meeting of 08.12.2019.
20-60-0400	1	Chassis wheelbase does not change
	1	PUMP AND PLUMBING
30-11-3802	1	Darley PSM1500 midship pump - 1250 IGPM Order 6" CP caps with Darley logo. Contact mark Biernat for negotiated pump discount upon ordering pump
30-15-0302	1	Plumbing - non manifold pump TM SS E
30-20-1000	1	Valves and controls - top mount panel
30-20-1002	1	Akron valves specified
30-20-1620	1	Piping stainless steel - non manifold Pumper
30-20-1700	1	1-1/2" thread specifications - NPSH Customer to confirm
30-20-1800	1	2-1/2" thread specifications - NSZ1 Customer provided a male and female sample coupling. The roll of 2.5" hose was turned into inventory on 08.13.2019.
30-20-2000	1	Piping hydrostatic test
30-20-2510	1	Anodes in suction and discharge piping - non manifold pump 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.
30-21-5550	1	Tank to Pump TM SS 3" w/ check valve non manifold pump 4" piping and check valve
30-22-0530	1	Tank Fill valve 2" TM SS
30-31-4020	1	Suction - 6" gated each side SS non manifold pump 6" header 6" suction shall be extended. Elbow 80-99-20AA and suction cap to be even with rub rail when installed. This was discussed and confirmed at the pre-construction meeting of 08.12.2019.
30-31-7200	2	Hale master intake suction valve - electric control 1. LS 6" Suction 2. RS 6" Suction Controlled at the transverse pump panels. Manual over ride palm wheels controlled at corresponding side panels next to suction inlet.
30-32-7550	1	Suction - 2-1/2" left side SS, bleeder, non manifold pump Control on valve on side panel
30-32-8050	1	Suction - 2-1/2" right side SS, bleeder, non manifold pump Control on valve on side panel
30-40-2006	1	4" right discharge, plumbed 3", non manifold pump With slow close and bleeder
30-41-2040	2	2-1/2" RS discharge SS, bleeder, non manifold pump
30-41-2540	2	2-1/2" LS discharge SS, bleeder, non manifold pump
30-43-1530	1	2-1/2" rear discharge TM SS, plumbed 2-1/2", bleeder Right side in hosebed - piping will terminate at front partition. Allow sufficient space so hose wrench can be used to tighten hose coupling.

PART NO	QTY	DESCRIPTION
30-44-0730	2	<p>1-1/2" speedlay (each) front of pumphouse (UNDER WALKWAY) TM SS, plumbed 2" Capacity for minimum 200' x 1-3/4" hose. The speedlays will be covered with two (2) covers that will flip independently - one (1) towards the cab and one (1) towards the pump house. They will have a keep open device like a heavy duty magnet. The speedlays will be plumbed with a mattydale swivel located at the bottom of the speedlay floor and allow hose deployment to either side of the truck. As discussed at the pre-construction meeting of 08.12.2019.</p>
30-44-1030	1	<p>1-1/2" front trash line TM SS, plumbed 2", hosewell Capacity for minimum 150' x 1-3/4" hose and nozzle. CP swivel located top of gravel shield to the left of hose well (drivers side)</p>
30-44-6530	1	<p>Piping for monitor TM SS, plumbed 3", bleeder Monitor is customer supplied and will be a TFT Crossfire model. Department will supply the manual riser and quick coupler to be mounted to the threaded pipe and it arrived at Metalfab on 04.09.2020. Piping will be offset to the drivers side (to clear the equipment rack) behind the transverse pump operators panel. Necessary bracing in pump house to be installed to hold piping rigid. As discussed at the pre-construction meeting of 08.12.2019</p>
30-44-66AA	1	<p>Not stored switch for customer supplied monitor Metalfab will replace the "Not stored switch" on the customer supplied extend a gun which was damaged during transport. As approved by Troy Amirault by e-mail on 06.17.2020</p>
30-44-8640	1	<p>Hose spool type roller - chrome plated Shall be installed to the left of the Q2B siren in order to protect it from the trash line hose. SOPT #1249</p>
30-51-0500	1	<p>Pump shift-Midship air ***Includes "Pump Engaged" and "OK to Pump" indicator lights in cab. Includes "Throttle Ready" indicator light on Pump operating panel Darley AH00600 pump shift - order with pump</p>
30-51-6800	1	FRC InControl Governor/Throttle engine display with throttle knob
30-51-7002	2	Suction side relief V/V, non manifold pump
30-51-7716	1	<p>Trident Automatic Air Primer 3 barrel 3 location - no gauge 1. Main Pump 2. RS 6" Suction 3. LS 6" Suction</p>
30-51-7720	1	<p>Additional air tank for air primer system - with chassis An additional air tank is provided to improve air primer capacity</p>
30-51-8100	1	Heat exchanger included with chassis
30-51-9000	1	<p>Thermal Relief Valve Darley - AN00306 - order with pump</p>
30-52-1000	1	Master drain V/V, 12 port
30-52-2000	1	<p>Drain valve for foam system header The foam system will change to a FoamPro 2002 as discussed at the pre-construction meeting of 08.12.2019</p>
30-52-4210	1	<p>Foam System - Hypro FoamPro 2002 Single Tank Foam system is plumbed to the two speedlays, front trash line, rear 2.5" and monitor discharges as discussed at the pre-construction meeting of 08.12.2019</p>

PART NO	QTY	DESCRIPTION
30-52-9100	1	Foam concentrate label at foam tank fill The foam system will change to a FoamPro 2002 as discussed at the pre-construction meeting of 08.12.2019
30-52-9200	1	Foam System Instruction Plates The foam system will change to a FoamPro 2002 as discussed at the pre-construction meeting of 08.12.2019
30-52-9400	1	NFPA Foam System certification test The foam system will change to a FoamPro 2002 as discussed at the pre-construction meeting of 08.12.2019
	1	WATER AND FOAM TANKS
40-11-2100	1	Polypropylene water tank (Imperial gallons)
40-11-2200	1	Water tank capacity certification (tank manufacturer)
40-11-5500	1	Tank capacity 1100 Imperial Gallons
40-12-5000	1	Foam cell - 30 Imperial gallon The foam system will change to a FoamPro 2002 as discussed at the pre-construction meeting of 08.12.2019
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
40-23-1060	1	10" Newton dump connection
40-30-0500	1	Sump drain valve (3" gate valve) with linkage E Left side so there is no interference with the drive line or exhaust.
40-30-1000	1	Water Fill Box front left corner
40-31-3500	1	10" rear Newton dump, stainless steel Centered at rear
40-31-3600	1	Newton dump - stainless steel 36" telechute
40-31-4600	1	Newton dump, side mount manual operation, painted steel Lock open device is required
40-31-9000	1	4" Storz rear fill, Fireman's Friend Right of dump. Bleeder required. Equipped with 30 degree droop with screen, 4" Storz connection. 4" Storz cap required
	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 ***Rocker switch assignments: MASTER -LIGHT BAR RED -LIGHT BAR CLEAR -REAR BEACONS -FLASHING WARNING

PART NO	QTY	DESCRIPTION
		-DITCH LIGHTS
		-LEFT SCENE
		-REAR SCENE
		-RIGHT SCENE
		-SIREN BRAKE
50-11-1400	1	Federal PA300 100 watt siren
50-11-1620	1	Siren speaker, 100 watt, in front bumper Left side (drivers side)
50-11-2000	1	Federal Q2B mechanical siren - pedestel mount on bumper extension Right side (passengers side) ***Controlled by foot switch at both driver and officer positions. Siren brake control located in rocker switch panel in console 20-31-7500. The Q2B will be interlocked with the E-Master switch so the Q2B will only be active with the emergency lights on. As discussed at the pre-construction meeting of 08.12.2019
50-11-2600	1	Siren to be accessible to driver and officer
50-11-6100	1	Whelen Light Bar NFPA F4N0QLED Customer has requested no rear facing lights in order not to obstruct pump operators vision.
50-11-6501	1	No Rear Directional Light requested
50-11-8600	1	Rear LED beacons-Whelen MCFLED2R (pr) both red
50-12-8500	1	Front LED flashers (pr)-Whelen red LED 400 Located in chassis grille
50-12-8700	1	Front side inter lts (pr) - Whelen red LED 400 Located in bumper tails
50-12-8800	1	Body side inter lts (pr)-Whelen red LED 400 Located in rear fenders
50-12-8901	1	Add'l body side inter lts (pr)-Whelen red LED 400 with integral flasher Located between front and rear cab doors as shown on the proposal drawing.
50-21-1610	1	Parking (DITCH) lights in rear fenders - TecNiq LED with stainless housings Switched in cab and when transmission is placed in reverse gear. The lights can be managed to shed. SOPT #160A The lights will be TecNiq model E96 to match the proposal drawing and fit in the room available.
50-21-25AA	2	FRC Spectra Telescopic Scene Light - (12V) 28k Lumens Mounted on back of cab with short stand offs to limit the intrusion into the walkway-confirmed at Pre-construction meeting of 08.12.2019 The light head shall be capable of generating 28,000 Lumens The light shall be switched on the lamp head FRC # SPA530-Q28-ON-SW-SR-NS Hazard switch will be wired to the equipment not stowed warning light in cab SOPT# 712
50-21-25BB	2	Spectra MS - 14,000 Lumens - 110v tripod - Mounted to rear. The light head shall be capable of generation 14,000 lumens The power for the lighting shall be switched on the light head Includes (2) 120 Volt extension cords of 50 feet (14/3 wire). Extension cords will stored on the tool board in L3 SOPT in file - SPA656-T14 (120 volt medium sized tri-pod) which will require a mast on the right side of the body for mounting purposes. Include "ON" - switch on/under light head and 603D mounting brackets Attachment cap is standard L5-15 ("P3") with this light

PART NO	QTY	DESCRIPTION
		Customer approved all of the above details at the pre-construction meeting of 08.12.2019.
50-21-29AA	1	Additional lighting in cab to illuminate floor area (ULC reqmt) SOPT# 998A One light will mounted on the front of the console and one light will be mounted on the rear of the console
50-21-5100	1	Compartment lighting - LED tube lights in each compartment (rollup doors)
50-21-5500	1	Door Ajar warning light Located in overhead console above drivers seating position Bilingual warning label in cab to read: "Do Not Move Apparatus when Light is on"
50-21-5550	3	Equipment rack not stowed warning light Located in overhead console above drivers seating position Wired to the right side drop down rack, the telescoping light hazard warning, and the rear access ladder not stowed warning. 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 when park brake is set.
50-21-8110	1	Step lights for walkway - 4" LED
50-21-8201	1	12" Lumabar LED Step lights for four door chassis Switched when park brake is set. SOPT# 194
50-21-83AA	1	12" LED Lumabars for rear steps/platform lighting (PR) Switched when park brake is set. SOPT# 307B
50-21-8600	1	LED clearance lts and reflectors
50-21-8800	1	LED intermediate turn signal/clearance/reflector length >30'
50-22-0750	1	Whelen 64 LED CAST 4V tail/brake-turn-backup-warning module (pr) Located on the treadplate box to clear beavertails as shown on the Proposal drawing to meet DOT.
50-31-6010	2	Scene light boxes (pr) - painted Both sides to house scene lights and the boxes are to be painted as discussed at the pre-construction meeting of 08.12.2019.
50-31-6021	1	Whelen C9SL LED Scene Lights Left side (pr) Located in upper top corners of body sides on the scene light boxes Switched in cab These lights can be managed to shed
50-31-6022	1	Whelen C9SL Scene Lights Rear (pr) Located in upper corners back of body mounted on the scene light boxes facing rearward Switched in cab and when transmission is in reverse gear. These lights cannot be managed to shed as they are required for ULC.
50-31-6023	1	Whelen C9SL Scene Lights Right side (pr) Located in upper top corners of body sides on the scene light boxes Switched in cab These lights can be managed to shed
50-31-6560	1	Ground lighting (LED Lumabar) - 4 door chassis Switched when park brake is set.

PART NO	QTY	DESCRIPTION
50-31-6580	1	Ground lighting (LED Lumabar) - top mount body Switched when park brake is set.
50-35-0500	2	Installation of customer supplied mobile radio Radio's will be installed in console 20-31-7500. Radio information list to be filled in at the Pre-construction meeting, listing radio(s) make and model, size, if wired battery direct or through ignition or master disconnect, etc. The Marconi Radio, TMR radio, mics, radio mounting brackets, power wires and TMR antenna arrived at Metalfab on 03.09.2020. The radios will be powered with the master switch as advised on the radio sheets that were sent with the radios. There will be no headset provisions required as confirmed by Troy Amirault on 04.04.2020 by e-mail There will be a 6-wire speaker cable run from the console 20-31-7500 to the pump panel for a department supplied and installed speaker that will be installed after delivery as requested by Clinton d'Entremont by e-mail on 04.03.2020 Clinton d'Entremont has requested that the radio installer cut the power connection plug on the Marconi radio and wire 12-volt directly to the radio - as requested by e-mail on 04.03.2020
50-35-0560	1	VHF antenna with base - commercial chassis Located behind light bar - right side unless otherwise specified and wired to the cab console 20-31-7500.
50-35-0590	1	Cellular/TMR antenna with base - commercial chassis Located behind light bar - left side unless otherwise specified and wired to the cab console 20-31-7500.
50-99-10AA	1	Hose bed cover lights - 40 inch lumabars x 4 Switched when park brake is set. SOPT# 985
51-31-3000	1	120 volt wiring for portable generator Receptacles shall be installed as followed 2 - On rear for tripod lights (L5-15 type receptacles with weather hoods). 2 - On pump panel (1 each side) (5-15R type duplex receptacles w/weather hoods) Note that Neutral is bonded to chassis ground. Following information was obtained at the Pre-Construction meeting of 08.12.2019 and additional information received from Troy Amirault by e-mail on 04.09.2020; Specify which compartment the electrical box is to be located - front left side compartment at the top of the compartment Specify amp and type of attachment cap is required to plug into the Customer's Honda generator - 17 amp L15-20R Discuss at Pre-construction meeting for the need of an auto transfer switch - none required but one was added by Troy Amirault by e-mail on 04.09.2020
51-31-3100	1	Automatic 110 volt transfer switch The shoreline outlets 20-51-6200 in the console 20-31-7500, L1 compartment and R2 compartment will be wired to the auto transfer switch as requested by Troy Amirault by e-mail on 04.09.2020
51-31-4500	1	Dielectric strength test for line voltage system BODY
60-10-1400	1	Single axle extruded aluminum body
60-10-4100	1	No "beavertail" rear step supports The rear of the unit will be a standard flat back as discussed at the pre-construction meeting of 08.12.2019.
60-10-4600	1	Painted fender surround E
60-10-4770	1	Removable stainless steel fender trim - single axle
60-10-5400	1	Diamondback pumphouse steps

PART NO	QTY	DESCRIPTION
60-10-5450	1	Diamondback 10" rear step
60-10-6500	1	Bolt on extruded aluminum rub rail Reflective stripe in rub rail required as discussed at pre-construction meeting of 08.12.2019.
60-11-0300	1	Front left side compartments full height E
60-11-0500	1	Front right side compartment to top of wheel well
60-11-1000	1	Rear left side compartments full height E
60-11-1100	1	Rear right side compartment to top of wheel well
60-11-2000	1	High side compartment (over 18") each
60-11-3100	1	No rear compartment E
60-11-5500	3	Rollup door - standard height Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point
60-11-5520	2	Rollup door - full height Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point.
60-11-5639	4	Drip pan under door roll not requested
60-11-5655	1	Amdor Pull Straps - Flex - HD - Standard Doors For L2 - order with doors
60-11-5660	2	Amdor Pull Straps - Flex - HD - Full Height doors For L1 and L3 - order with doors
60-31-000A	1	Inset rear platform step below hosebed Maximum height between step and hosebed is 18" Approximately 11" deep LED lighting required
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 To access the 60-31-000A platform/step Minimum 7" clearance between rung and any obstruction ***Included not stowed switch, wired to the door equipment not stowed in cab***
60-31-5600	1	Steps and grab handles at front of body next to pump panel Maximum height between steps is 18" Two steps each side to access the panel diamond back step/platform and two additional steps on the upper left side to access the top of the unit. As discussed at the pre-construction meeting of 08.12.2019
60-31-6500	1	Compartment matting - black plastic interlocking tile
60-31-8004	2	Triple SCBA tube for rear fenders (pr) Door ajar switch required. Include cylinder retaining loops for each storage tube.
60-31-8201	1	Sliding vertical tool board - lock-in, lock-out sliding hardware Mounted in rear of compartment L3 centered between back side wall and fixed partition 60-31-8400. Customer specified that tool board is to be solid aluminum. As discussed at the pre-construction meeting of 08.12.2019
60-31-8400	1	Fixed vertical partition Centered in compartment L3.
60-31-8650	4	Sliding tray (ea) - 400 pound capacity with lock-in, lock-out hardware All trays installed at floor level in the following compartments;

PART NO	QTY	DESCRIPTION
		Tray #1 - Left side front compartment
		Tray #2 - Left side rear compartment
		Tray #3 - Right side front compartment
		Tray #4 - Right side rear 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 1. L1 Shallow depth 2. L1 Shallow depth 3. L3 shallow depth ahead of fixed partition 60-31-8400 4. L3 shallow depth ahead of fixed partition 60-31-8400 5. L3 full depth ahead of fixed partition 60-31-8400 6. R1 full depth As discussed at pre-construction meeting of 08.12.2019 and changed by Troy Amirault by e-mail on 04.09.2020
60-32-3500	1	One adjustable hose divider Hand hold required in end There will be one (1) Adjustable hose bed divider and one (1) fixed to support the hose bed cover 60-33-5000 as discussed at the pre-construction meeting of 08.12.2019
60-32-7500	1	Hose bed - aluminum Capacity for 1000' - 4 inch 1000' - 2.5 inch
60-33-0100	1	Paint exterior - Imron Elite and clearcoat (Two Tone) *** Paint code and colour to match paint cab SOPT# 1201 Paint dividing line on the body will follow the paint line on the cab (straight across) as discussed at the Pre-construction meeting of 08.12.2019
60-33-0200	1	Undercoat vehicle with KROWN rust protection
60-33-0600	1	Chassis wheels not painted Wheels are polished aluminum
60-33-1000	1	Paint pump and plumbing job colour
60-33-1500	1	Buffed finish compartment interior
60-33-2300	1	Lettering - special graphics *** Vinyl letters, Fire Department to provide details on location and text - lettering and striping drawing has been approved by customer. The side of the unit will have the special logo on the side of the Canadian Flag / Acadian Flag on the back drop of the NS map - see F:/Data/Jacques/Current Projects/West Pubnico/Pictures for sample Truck number will be "No.1" As discussed at the preconstruction meeting of 08.12.2019
60-33-3000	1	Reflective stripe - 4" white 50% of perimeter each side and 25% of perimeter front
60-33-3320	1	Rear Chevron - Diamond grade Red/Yellow Minimum 50% of rear vertical surface
60-33-5000	1	Aluminum cover over hose bed with end tarps - black E
60-40-8500	1	Tail light box (TRIPOD Light storage)
60-41-1000	1	Pike Pole tube with door - Attached to Portable tank Rack.

PART NO	QTY	DESCRIPTION
60-41-6110	1	Painted plate on exterior of Portable tank
60-41-999A	1	Combination Ladder, Portable tank, Suction hose Lift Shall be installed on the right side. Portable tank will sit on the side of the box Ladders shall sit above the hose bed The hoses shall be attached to inside of the ladders as approved by Deputy Chief Troy Amirault by e-mail on 03.11.2020. ***LAS Control shall be at the right side pump panel as approved by Troy Amirault by e-mail on 04.04.2020** (2) - 15 foot suction hoses - 80-11-5020 as requested on initial order and confirmed at pre-construction meeting of 08.12.2019 (1) - 10 foot attic ladder - 80-14-8500 (1) - 14 Foot Roof ladder - 80-14-5500 (1) - 24 Foot 2-section ladder - 80-14-0500 (2) - 10' Pike pole - 80-13-2500 (1) - 1500 Imp gallon portable tank - 80-15-0500 - the door to restrain the porta tank will be at the rear (front of the tube will be capped and the porta tank will only be deployed towards the back). As discussed at the pre-construction meeting of 08.12.2019 SOPT - in file
60-99-0010	1	Pack trac back wall of compartment Located on back wall of compartment L2 over rear wheels. Same as Rosemont M19-20123. SOPT in file.
	1	INSTRUMENTATION
70-11-0000	1	Warning Label on Pump Operator's Panel
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
70-11-2000	1	Top 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
70-11-2500	1	Transverse walkway
70-11-2600	1	Tread plate overlay on back of chassis cab
70-11-3000	1	Mansaver bars - 22" Engineering to confirm required length.
70-11-3200	1	Colour coded tags The speedlays will be Red and Blue as discussed at the pre-construction meeting of 08.12.2019.
70-11-3501	1	Compartments in ends of walkway not required
70-11-4506	1	Diamondback grip type panel hood step right side Will require lighting
70-11-4606	1	Diamondback grip type panel hood step left side
70-11-5110	1	Open storage ar rear top of pump house Drain holes required Matting required on floor Lighting required - 2 x 20" LED Lumabar - switched when park brake is set
70-11-5500	1	Right side tread plate pump access door No opening dimension less than 18"
70-11-5600	1	Left side tread plate pump access door No opening dimension less than 18"

PART NO	QTY	DESCRIPTION
70-11-5700	1	Transverse tread 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 Switched on pump operator's panel (transverse panel)
70-11-8200	1	Rubber seal around suction and discharge openings on panel
70-20-05AA	2	4-1/2" compound gauge - dual face 0-400 To be within 8" of each other - edge to edge
70-20-15AA	10	2-1/2" pressure gauge - dual face 0-400 with colored bezels Gauge to be no more than 6" from edge of the gauge to the center of the control.
70-20-16AA	12	Backlight LED on compound and pressure gauges SOPT in file
70-20-2500	1	Primer control For priming main pump
70-20-2501	2	Additional Primer control For pre-priming left and right side master intakes.
70-20-3300	1	FRC InControl 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. Located one each side - mounted vertically with green light on top, then blue, amber and red. The one on rear shall be mounted horizontally under the 3 in row clearance lights with the lights from left to right green, blue, amber and red.
70-20-6500	1	Test gauge panel Mount below the compound gauges for proper draining
70-20-7500	1	Heat exchanger control valve
70-21-1500	1	Electric Foam Level gauge 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 under rear cab entrance door.
	1	ACCESSORIES
80-11-5020	2	6 inch x 15ft Harrington Suction Hoses (ea) Mounted on drop down rack right side. The Harrington brand was accepted and 15' length requested as per the original proposal - as discussed at the pre-construction meeting of 08.12.2019
80-13-0500	1	Rubber mallet Shipped loose, not mounted. Customer will mount in Customer's supplied brackets.
80-13-1200	2	Clare hose wrenches (double) with holder One mounted on left panel and one on right panel where space permits.
80-13-1500	1	Bar with bracket Mounted in standard location on back of body above the rear step/platform.
80-13-2500	2	Pike pole, fiberglass handle - 10' long Mounted on drop down rack right side.

PART NO	QTY	DESCRIPTION
80-13-3000	2	<i>Pike pole bracket</i>
80-14-0500	1	<i>24' 2 section extension ladder PEL 24</i> Mounted on drop down rack right side.
80-14-5500	1	<i>14' aluminum roof ladder PRL-14</i> Mounted on drop down rack right side.
80-14-8500	1	<i>10' aluminum folding attic ladder FL-10</i> Mounted on drop down rack right side.
80-14-9000	1	<i>Attic ladder bracket (Zico)</i>
80-15-0500	1	<i>1500 l gallon portable tank - Husky</i> Mounted on drop down rack right side. Liner will be yellow in color as discussed at the pre-construction meeting of 08.12.2019.
80-99-100C	1	<i>Custom made bracket to secure handheld turret on rear preconnect</i> SOPT in file. Customer to specify mounting location and size required for turret Brand - ProTek Model - 600 Dimensions - 16" long x 9" deep x 8" wide To be mounted on the rear right side of the body as discussed at the pre-construction meeting of 08.16.2019. See pictures in F:/Data/Jacques/Current Projects/West Pubnico/Pictures The turret arrived at Metalfab on 04.09.2020
80-99-10AA	4	<i>QM-Rolo-CPR-TS SCBA Bracket</i> For SCBA type seats in cab (Bostrom brand) SOPT# 1073
80-99-20AA	2	<i>TFT 6.0"M X 6.0"F 45 degree Detent Elbow - AJ8NX-NX</i> 6" Female swivel x 6" Rigid male 45 degree elbow. Shipped loose, not mounted. Customer will mount in Customer's supplied brackets. SOPT in file.