



Shop Order

Corporation of the Municipality of North Middlesex
 229 Main Street
 Parkhill, ON N0M 2K0

Parkhill Station

Sales Rep: Todd Finnie Carrier Centers Emergency Vehicles Drawing #: FT-11069, Rev B Est. Delivery Date: / / Customer PO #: Customer #: 1625 QPF #:	Terms: Chassis, body and Equipment COD Penalty: None - delivery no more than 400 calendar days from receipt of order (July 03.2019).
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Quote No: North Middlesex, ON-0022
Job/Order No: 21014
 10/27/2020

PART NO	QTY	DESCRIPTION
	1	== Metalfab Walk Around 05/13 - 0.000 ==
	1	CHANGE ORDER H
00-10-2000	1	Metalfab Walk Around Rescue/Equipment Unit E
00-20-1000	1	Company Profile E
00-20-1500	1	Standard Body Warranty - one year bumper to bumper
00-20-1550	1	Metalfab Limited Ten (10) Year Paint and Corrosion Warranty - non pro-rated
00-20-2100	1	Plant Inspection Visits - Costs covered by CCEV - DELETED
		Plant Inspection Visits deleted due to pandemic
00-20-2800	1	10% Bid Bond
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
10-11-1102	1	ULC S515-13 and NFPA 1901-2016 Compliance - Rescue/Equipment E
10-11-2010	1	ULC Testing - Special Services Vehicle - no pump
10-11-2100	1	Maximum length 34'
10-11-2200	1	Maximum height 123"
10-11-2210	1	Maximum overall width - 102"
		Excluding cab mirrors and mirror arms
10-11-2400	1	Overall length is 30' or more
10-11-2500	1	General Construction
10-11-2600	1	Preconstruction Meeting - by CCEV
10-11-3000	1	Manuals - two copies
		Documentation supporting the vehicle is to be delivered with the vehicle, will include:
		***One maintenance manual and one parts list (in hard copy) and one additional copy on CDROM.
		***Two operator manuals.
		***One set of repair manuals (hard copy and on CDROM) Instructions shall include service, maintenance, repair and troubleshooting procedures for major and minor components. Parts lists shall include description, part numbers and quantities of all major and minor components. ***Two (2) complete, CLEAR LAMINATED "as built" body wiring diagrams shall be provided.

PART NO	QTY	DESCRIPTION
10-11-3600	1	Delivery - FOB Fire Department - by CCEV
10-11-4200	1	Payment Terms - Chassis and Body COD per signed contract of July 03.2019
10-20-2630	1	Equipment carrying capacity - ULC/NFPA SSV 30,001 to 40,000 GVW ***Allowance of 5000 lb requested by Customer
	1	CHASSIS INFORMATION
20-11-1000	1	Chassis supplied by Metalfab - Freightliner M2 106 four door Part number 1581115 PO #66468 35,000 lb GVWR 12,000 lb front axle 23,000 lb rear axle Cummins L9 350 HP @ 2000 rpm 2200 no load rpm 1000 lb/ft torque @ 1400 rpm 246" wheelbase 133.31" cab to axle 275 amp alternator Allison 3000 EVS automatic transmission, 6 speed, package 198 189 litre fuel tank, LH under cab No rear window "SecureAll ready" type Officer's and rear seats ESC, VDR and seatbelt display L0001 EB Black over L2225 EB Candy Apple Red Spray outs sent for Customer signoff and approved 08.19.2019 Paint line is FTL-Emergency 5 option The chassis air gauges are only available in Imperial as advised by Freightliner dealership on 10.10.2019
20-11-1500	1	2013 Emission chassis modifications
20-11-1700	1	Chassis Motor Vehicle Inspection required - by CCEV
20-21-0500	1	Fluid capacity 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
20-21-3500	1	Rear step warning label
20-21-3800	1	Front mudflaps
20-21-4001	1	Rear mudflaps - black Heavy duty black mud flaps
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 One piece design
20-31-1500	2	Special compartments in chassis steps - if room permits Compartment interiors to be as large as possible. Will be used to store the five 80-99-05AA helmet holders. A vertically hinged weather tight door with "D" latch shall be provided on the storage compartment(s). LED lighting in compartments required. Door ajar switch required. Drain holes in compartment floor required. Plastic interlocking tile on floor required.

PART NO	QTY	DESCRIPTION
20-31-1900	1	Chassis cab painted two tone by chassis OEM
20-31-7500	1	Console in cab Install Vista display (50-11-09AA), siren (50-11-14AA), Motorola CM300 customer supplied radio was shipped to Metalfab (50-35-0500), gooseneck map light (20-52-1000), one 12-Volt power point (20-90-1500), siren brake rocker switch 50-11-20AA), Three way switch for horn button options (50-99-25AA), and traffic advisor control (50-11-6611) in console. Storage area with hinged cover and lift and turn latch provided at rear of console. A divider spaced to accommodate a standard 2" binder shall be installed. Gray Zolatone finish The final console design is to be approved by the North Middlesex Fire Department prior to fabrication. The customer supplied Motorola CM300 radio (50-35-0500) arrived at Metalfab 03.06.2020
20-41-0600	1	Intake air shutoff for engine not requested
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. The exhaust system shall be shielded to prevent any heat damage to compartments, wiring, plumbing or any other surrounding component of the truck.
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
20-41-51AA	1	Chrome tow eyes front and rear (4 total) as per RFP Remove existing front tow hooks and install two (2) corrosion proof chrome tow eyes mounted directly to the chassis frame rails (if room permits - may have to be installed under bumper; will protrude past the bumper either way), on each side of the front bumper. The eyes are to be close ended to allow for the towing of the apparatus as well as anchor points for technical rescue operations. Two (2) corrosion proof chrome tow eyes shall be mounted directly to the chassis frame rails, on each side, at the rear of the apparatus. They shall be mounted in an easily accessible location but not in a position to become a trip/safety hazard when working around the apparatus (through back wall of back compartment). The eyes are to be close ended to allow for the towing of the apparatus as well as anchor points for technical rescue operations. SOPT in file.
20-51-0710	1	Master Battery Disconnect included with Freightliner chassis
20-51-2500	1	Back up alarm included with chassis
20-51-3100	1	Air inlet not requested
20-51-3400	1	Protection valve installed for air operated accessories
20-51-6200	5	120 volt 20 A shore line connection Standard 5-20R duplex receptacle in chassis cab, not fused One located in cab near the battery conditioner (battery conditioner will plug into this receptacle) One located on the back of centre console 20-31-7500 One located in the L2 compartment for a fridge to plug into One located in the R4 compartment beside the tip down tray 60-31-9000 As confirmed at the pre-construction meeting of 11.14.2019 One additional outlet located on the officer side of the console as requested by Todd Finnie by e-mail on 06.25.2020
20-51-6620	1	Kussmaul Pump Plus 1200 Kussmaul Model 52-11-4106 Battery conditioner will be mounted in cab behind rear seating area. Compressor will be mounted high in right side front compartment (R1) in a way that is easily accessible for service and adjustment. The compressor pump shall be equipped with an automatic drain routed to the exterior of the compartment.

PART NO	QTY	DESCRIPTION
20-51-7101	1	Electric System Management - VMUX
20-51-7300	1	Low Voltage Alarm in cab
20-51-7500	1	Super Auto eject for 120 v - 20 A with sealed enclosure Located near drivers door. See also 70-21-5500 for battery conditioner readout location.
20-51-8510	1	Engine compartment light - LED Switched when park brake is set
20-51-9001	1	Air horns with chassis Foot switches at drivers and Officers locations will be removed by Metalfab when the chassis arrives and there will only be a dash switch for horn button to control air horns (default to electric if air pressure falls below 85 psi.). As requested at pre-construction meeting of 11.14.2019
20-52-1000	1	Federal Littlite gooseneck map light (ea) E One (1) gooseneck map light controlled by an individual switch shall be supplied and mounted on the center console.
20-52-3500	1	Chassis steering wheel lined up by Metalfab E
20-52-4000	1	Rear View Camera system Rearview Systems STM5600 will be wired to the video input of the Vista display 50-11-09AA. This will eliminate the need of having a 2nd display in the chassis cab.
20-60-0400	1	Chassis wheelbase does not change
20-90-1500	1	12 volt power point E Mounted in console 20-31-7500.
20-90-1810	1	Extend air tank moisture ejector cables to rubrail and tag/label
	1	ELECTRICAL
50-11-0300	1	Base electrical system - multiplex E All blue warning lights (front grille lights, upper rear and light bar) to be oriented to passenger side of vehicle. Nodes located in cab console and in back wall of left side front compartment.
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
50-11-09AA	1	Vista display in cab to replace rocker switch controls, door ajar, etc. Part number 6241-0111-00. (Vista IV display with touch screen and 6" arm mount) Located in/on the cab console 20-31-7500. SOPT in file The backup camera 20-52-4000 will be wired to the video input of the Vista to eliminate the need of having a second monitor in the chassis cab.
50-11-14AA	1	Whelen Siren - 295SLSA1 Mounted in cab console 20-31-7500. Part number 1570957 SOPT #16-Siren
50-11-16AA	1	Whelen Siren Speaker - SA315P - 100 Watt Located in front bumper - RS Part number 1570803 SOPT #16-Speaker
50-11-20AA	1	12-Volt Screaming Eagle Siren C9-11-F flush mounted in front bumper Mounted in the front bumper - LS. A red momentary rocker switch will be installed in the 20-31-7500 console for the siren activation and brake as discussed at the pre-construction meeting of 11.14.2019. SOPT and ordering information for the siren is in the file.

PART NO	QTY	DESCRIPTION
50-11-2600	1	Siren to be accessible primarily to driver The siren will be accessible primarily to the driver.
50-11-6100	1	Whelen F4NOVLED LED light bar NFPA - blue/red/white Light bar 60" - Model # F4NOV LED The light bar shall include a blue and red front facing light on the passenger's side and two (2) red/red front facing lights on the driver's side and two (2) white LED lights in the middle (a total of 6 LED lights). White lights will be disabled when park brake is set. Customer has approved the lightbar layout at the pre-construction meeting of 11.14.2019.
50-11-6611	1	Rear LED Traffic Advisor - Whelen TANF85 - surface mount One (1) Whelen TANF85 Linear Super LED 8 Head Traffic Advisor The light bar shall have a control panel located in the chassis cab console 20-31-7500. The control shall have the ability to provide for various flash patterns and shall incorporate a display to show the selected flash pattern on the control panel. The traffic advisor shall activate in flash mode when the master switch is activated. SOPT in file #890 - truck specific
50-12-8000	1	Additional body side intersection light not required Distance between front and rear side intersection light does not exceed 25'
50-12-85AA	1	Front grille flashers - Whelen M6 - one red (LS), one blue (RS) M6RC (1571136) and M6BC (1571155) - red and blue with clear lens respectively Chrome flange M6FC (1031586) required SOPT #952a - truck specific
50-12-85BB	1	Front cab side LED flashers - Whelen LINZ6R - one each side Both are red with chrome flange Part numbers 1032036 (LINZ6R) and 1032037(chrome flange) SOPT #1181a - truck specific
50-12-86AA	1	Rear upper flashers - Whelen M9 - one red (LS), one blue (RS) M9R and M9B with chrome flange M9FC (1571124) Located in upper rear corners of body SOPT #951b - truck specific
50-12-88BB	2	Body upper side flashers (pr) - Whelen red M9 with red lens M9R (with red lens) with chrome flange M9FC (1571124) Located in upper front and rear corners or body sides outboard of the scene lights. SOPT #953b - truck specific
50-12-88CC	4	Whelen M2WR LED flasher with chrome trim in rubrail (ea) Mounted in rub rail, one (1) located forward of rear wheel and one (1) located rearward of rear wheel - each side. M2WR with chrome flange M2FC. SOPT in file
50-12-88DD	1	Body side LED flashers in rear fender - one each side - M6RR - red with red lens Chrome flange required - SOPT in file
50-21-1620	1	TecNiq E96 surface mounting ditch lights for rear fenders (LED pr) Located in rear fenders - rearward as shown on proposal drawing. Switched when transmission is placed in reverse gear only (no switch in cab - confirmed at pre-construction meeting of 11.14.2019). SOPT #160a
50-21-27AA	1	Command Light - KI409D-H4 12 Volt Command Light KL409D-H4 light tower. The location of the light tower shall be towards the front portion of the apparatus body and shall be recessed to allow for protection when the light tower is in the nested position.

PART NO	QTY	DESCRIPTION
		<p>The umbilical line remote control for the light tower shall be conveniently located in compartment L1.</p> <p>The tower base shall have a light that illuminates the envelope of motion during any movement of the light tower mast.</p> <p>The high idle switch (A programmable high idle switch shall be provided located on the Vista display. It shall be pre-set so when activated, it will operate the engine at the appropriate RPM to increase alternator output and optimize output of the HVAC system) shall be programmed to activate when the light tower is in use.</p> <p>A signal shall be wired to the Vista display to indicate that the light tower is in raise position (when park brake is released)</p> <p>Engineering to approve Command Light options before Purchase Order is issued to ensure VMUX option is included to activate the high idle.</p> <p>SOPT in file</p> <p>This light model does not offer a backlight option.</p>
50-21-5100	1	<p>Compartment lighting - LED tube lights in each compartment (rollup doors) Standard two vertical LED strip lights at each door opening.</p>
50-21-5500	1	<p>Door Ajar warning light - included with Vista display Bilingual warning label in cab to read: "Do Not Move Apparatus when Light is on"</p>
50-21-5550	1	<p>Equipment rack not stowed warning light - for light tower - included with Vista Bilingual warning label in cab to read: "Do Not Move Apparatus when Light is on"</p>
50-21-8201	1	<p>Step lights for chassis steps - LED Switched when park brake is set.</p>
50-21-83AA	1	<p>LED Lumabars for rear step / platform lighting Switched when park brake is set.</p>
50-21-8600	1	LED clearance lts and reflectors
50-21-8605	1	Cast Products license plate holder
50-21-8800	1	LED intermediate turn signal/clearance/reflector length >30'
50-22-77AA	1	<p>Whelen M6 LED tail light assembly with M6FCV4 housing Red warning lights to have clear lenses.</p>
50-31-6058	1	<p>Whelen M9 LED Scene lights - M9LZC (pr) - left side Located in upper front and rear corners of body side, inboard of the M9 red flashing lights. Switched on Vista in cab These lights can be managed to shed. SOPT #571</p>
50-31-6059	1	<p>Whelen M9 LED Scene lights - M9LZC (pr) - right side Located in upper front and rear corners of body side, inboard of the M9 red flashing lights. Switched on Vista in cab These lights can be managed to shed. SOPT #571</p>
50-31-6060	1	<p>Whelen M9 LED Scene lights - M9LZC (pr) - rear facing Located in upper front and rear corners of rear face of body, inboard of the M9 red flashing lights. Switched on Vista in cab and when transmission is placed in reverse gear. These lights cannot be managed to shed as they are required for ULC. SOPT #571</p>
50-31-6560	1	<p>Ground lighting (LED Lumabar) - 4 door chassis Switched when park brake is set.</p>

PART NO	QTY	DESCRIPTION
50-31-6590	1	Ground lighting (LED Lumabar) - rescue body Switched when park brake is set.
50-31-6595	6	Ground lighting (LED Lumabar under each side compartment (ea) Switched when park brake is set.
50-35-0500	1	Installation of customer supplied mobile radio Radio information list required Carrier will send the customer radio as advised by Todd Finnie by e-mail on 02.19.2020. Motorola CM300 radio arrived at Metalfab 03.06.2020 Frequencies are as follows: Tac 1- TX 158 and RX 154 Tac 3- TX 152 and Rx 150 Tac 1 T/A= TX and RX 154 Tac 3 T/A= TX and RX 150 North Middlesex CH= TX 169 and RX 165 As advised by Todd Finnie by e-mail on 02.20.2020 The radio power cable and external speaker connection were not shipped to Metalfab therefore the department will complete the final installation after delivery. Metalfab only has to mount the radio in the console (20-31-7500) as advised by Todd Finnie by e-mail on 03.24.2020
50-35-0560	1	VHF antenna with base - commercial chassis
50-90-2600	1	Provisions for Refrigerator for Rescue Truck A 120 Volt shore line/inverter receptacle shall be installed in the L2 compartment for the Customer refrigerator to plug into. The compartment shall have free space of 24" wide, 24" deep and 36" high and shall have adjacent storage for other rehabilitation supplies such as two (2) cases of bottled drinking water. The provision will be at the bottom of the L2 compartment as advised by Todd Finnie by e-mail on 03.24.2020. This will require Tray #7 at the depth change to be adjustable on height to allow the proper spacing.
50-99-25AA	1	Selector switch for horn/air horn controlled from steering wheel The steering wheel horn button shall be controlled by a Freightliner switch that is installed with selections easily accessible to the driver from the seated position. The selections are to be labeled; ***Air Horn/Electric horn ***Electric Horn As discussed at the pre-construction meeting of 11.14.2019
51-31-3100	1	Automatic 110 volt transfer switch To transfer shoreline loads to inverter (ref 80-99-65AA) when the shoreline is unplugged. Located by inverter 80-99-65AA
51-31-4500	1	In-house dielectric strength test for line voltage system
	1	BODY
60-10-1488	9	Compartment vents to include removable and replaceable particulate filters (ea) SOPT #905 ***See also 80-99-55AA for additional ventilation in the generator compartment.
60-10-15AA	1	1" drop on lower edge of compartment floor - sweep out type
60-10-2200	1	Walk around extruded aluminum Rescue Body Swirl type compartment interior finish - ref 60-33-1500
60-10-4100	1	No "beavertail" rear step supports
60-10-4600	1	Painted fender surround The rear chassis fender well will be painted aluminum plate.
60-10-4750	1	Removable polished aluminum fender trim - single axle

PART NO	QTY	DESCRIPTION
60-10-5440	1	Diamondback 12" rear step
60-10-6500	1	Bolt on extruded aluminum rub rail E The rub rail shall incorporate red and white reflective material along the vertical surface of the channel.
60-11-0300	1	Front left side compartments full height E
60-11-0350	1	Second front left side compartments full height E
60-11-0700	1	Front right side compartments full height E
60-11-0750	1	Second front right side compartments full height E
60-11-1000	1	Rear left side compartments full height The compartment will carry gasoline and fuel products therefore will need to be vented to the outside of the body.
60-11-1400	1	Rear right side compartments full height E
60-11-2000	2	High side compartment (over 18") each
60-11-3200	1	Full Height Rear compartment There will be a 90" deep tube at the top of the compartment to hold a sled and stokes basket.
60-11-5500	2	Rollup door - standard height Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point
60-11-5520	7	Rollup door - full height Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point
60-11-5640	9	Drip pan under rollup door roll (each) E Each roll up door shall be provided with an aluminum drip pan. Optional drain holes not included. Ordered with Amdors.
60-11-5655	2	Amdor pull straps - Flex - HD - L3, R3 Bright orange in color if available from Amdor. Order with doors
60-11-5660	7	Amdor pull straps - Flex - HD - L1, L2, L4, R1, R2, R4, B1
60-31-4100	1	Extruded aluminum handrails Minimum 2" clearance from handrail to any surface
60-31-5700	2	Pull out step under body (each) There will be a pull out step supplied and installed under the L4 and R4 compartments.
60-31-6510	1	Turtle tile brand plastic matting for compartments floors, shelves and trays To be black in color. SOPT #1206 - truck specific.
60-31-65AA	1	Turtle tile brand plastic matting for compartments floors, shelves and trays SOPT #1206 - truck specific
60-31-8400	1	Adjustable vertical partition Location of adjustable vertical partition was confirmed at the pre-construction meeting of 11.14.2019: * Installed on the dual direction tray 60-99-10AA and it will be mounted 10" from the forward edge with the ability to be adjusted in the future. The partition will have peg board style holes so it can be used as tool mounting surface. Hole spacing to be Metalfab standard.
60-31-8800	11	Sliding tray (ea) - 600 pound capacity ***Hardware requires 3-1/2" of compartment height Reflective stripe is applied on the exposed edge for visibility when the compartment door is open

PART NO	QTY	DESCRIPTION
		<p>Trays to be supplied with chevron reflective striping and Turtle Tiles. Automatic locks shall be provided for both the "In" and "Out" positions. The trip mechanism for it shall be located at the front of the tray for ease of use with a gloved hand. Location of the trays to be confirmed at the pre-construction meeting:</p> <p>Tray #1 - R1 at the floor Tray #2 - R2 half depth above the chassis frame rails Tray #3 - R2 adjustable on height Tray #4 - R4 adjustable on height Tray #5 - R4 adjustable on height Tray #6 - L1 at the floor as requested by Todd Finnie by e-mail on 04.01.2020 Tray #7 - L2 half depth above the chassis frame rails - to be adjustable to allow the fridge provision to fit under - as requested by Todd Finnie by e-mail on 04.01.2020 Tray #8 - L4 at the floor Tray #9 - L4 adjustable on height Tray #10 - L4 adjustable on height Tray #11 - Back compartment adjustable on height - 55" deep As discussed at the pre-construction meeting of 11.14.2019</p>
60-31-9000	2	<p>Tip down tray - 30 degree, 250 pound capacity Reflective stripe is applied on the exposed edge for visibility when the compartment door is open Location of the drop down slide out trays were confirmed at the pre-construction meeting of 11.14.2019: Tray #1 - R4 compartment - upper portion Tray #2 - R3 compartment for SCBA storage with SCBA brackets 80-18-0500</p>
60-31-9600	2	<p>Adjustable shelf (ea) Reflective stripe is applied on the exposed edge for visibility when the compartment door is open Location and depth of the shelves were confirmed at the pre-construction meeting of 11.14.2019 Shelf #1 - L4 / Depth - Full Shelf #2 - Back / Depth - Full</p>
60-33-0000	1	<p>Paint exterior - Imron Elite *** Paint code and colour to match red on cab Include one quart of touch up paint (ref 80-99-70AA)</p>
60-33-0200	1	Undercoat vehicle with KROWN rust protection
60-33-0600	1	Chassis wheels not painted
60-33-1500	1	<p>Buffed finish compartment interior ****Swirl type finish (in place of the standard buffed finish)**** **Procedure to be prepared** Photo and sample to be sent to Customer for approval</p>
60-33-2300	1	<p>Lettering - as per Customers requirements Lettering and striping layout has been approved 9-4-20</p>
60-33-3300	1	<p>Reflective stripe - as per Customers requirements 50% of perimeter each side and 25% of perimeter front See also Shop Note of 60-33-2300. The rub rail shall incorporate red and white reflective material along the vertical surface of the channel.</p>
60-33-3310	1	<p>Reflective stripe - red and yellow chevron at rear - Diamond Grade Entire rear vertical surface excluding extrusions. 3M Diamond Grade material - red and yellow</p>
60-33-3600	1	<p>White reflective stripe - inside entry doors 96 square inches minimum inside each cab and crew cab entry doors</p>

PART NO	QTY	DESCRIPTION
60-91-0500	2	Compartment SCBA Storage rack per RFP - location L3 compartment Store 21 bottles in the L3 compartment as discussed at the pre-construction meeting of 11.14.2019 Bottles are 45 minute Carbon Fibre Cylinders.
60-99-05AA	1	Absorbent storage hopper/dispenser in fender well One (1) absorbent storage hopper bin shall be provided and located on the right side in the rear wheel well of the apparatus body ahead of the rear wheels. The bin shall be a water tight design, incorporating a lid and designed to slide out from its stowed position for easy filling. The bin shall have a gate type valve installed at the bottom to allow for the filling of a pail. The hopper shall be installed to accommodate the filling of a standard 5 gallon pail (approx 14.5" high) when located on flat ground under the hopper. Capacity of the bin shall hold approximately one bag of floor dry. Door ajar switch required. SOPT #714
60-99-10AA	1	Dual Direction sliding tray, 1000 lbs capacity, aluminum There will be a Dual Direction 1000 lb Slidemaster tray supplied and installed in the L1/R1 compartment. There will be a vertical partition 60-31-8400 installed on the tray. The spacing of the vertical adjustable partition will be 10" of forward edge and department will use it as a peg board. As discussed at the pre-construction meeting of 11.14.2019.
60-99-15AA	1	Stokes basket tube There will be a stokes storage tube in the upper rear portion of the body. It will measure 90" deep by 35" wide by 13" high as discussed at the pre-construction meeting of 11.14.2019.
70-21-5500	1	Readout for Battery Conditioner Battery Charger Indicator shall be located on the interior of the cab and viewable from the exterior while standing at ground level, with the driver's door open.
71-21-4500	1	Speaker for mobile radio - exact model and location TBD Inside cab - ref 50-35-1003
	1	ACCESSORIES
80-17-06AA	4	Fire Extinguisher bracket only P/n 1520321 Supplied only - Customer will mount. For the Customer's 20 lb ABC fire extinguishers and 2-1/2 gallon water extinguishers. SOPT #911
80-18-0500	4	SCBA bracket with strap - compt mount Used to store four (4) self-contained breathing apparatus (SCBA) , mounted on a slide out tip down tray (60-31-9000) to facilitate easy donning of the SCBA. Department to supply make, model and dimensions of the SCBA in order to ensure that they will fit in the R3 compartment: Make: Scott Model: AP75 Width: _____ Length: _____ Depth: _____ As discussed at the pre-construction meeting of 11.14.2019
80-18-0680	4	Supply and install Bostrom SecureALL SCBA brackets in SecureALL ready cab seats SOPT #959a
80-19-0500	2	Large folding wheel chock - aluminum (ea) not mounted
80-19-0600	2	Horizontal bracket for folding wheel chock (ea) Installed under the truck body in front of the rear wheels on the driver's side of the apparatus as approved at the pre-construction meeting of 11.14.2019.

PART NO	QTY	DESCRIPTION
80-20-3020	2	Streamlight - portable scene light (ea) - Model 45670 P/N 1521743 - includes AC/DC charger Location to be determined at the final inspection as discussed at the pre-construction meeting of 11.14.2019
80-99-05AA	5	Zico UHH-1 Helmet holder - mounted (ea) Installed in storage compartments in cab step overlays 20-31-1500 as room permits. If all five will not fit in these two storage compartments, the remainder will be shipped loose or installed as per the direction of the Customer.
80-99-16AA	1	Mounting brackets for Extrication tools (Cutter, spreader, ram & power pack) The following PAC brackets will be supplied and shipped loose - ***Customer has confirmed at the pre-construction meeting of 11.14.2019 that brackets are adequate for mounting their tools*** K5080 - Bracket for cutter (1001340) K5026 - Bracket for spreader (1001339) 6 - 1070 Jumbo locks - for securing rams, cutter and spreader - (1562280) 6 - 1006-Y adjustment strap/brackets (1562621) for securing ram, cutter and spreader and power pack SOPT in file
80-99-20AA	6	Poly storage box There will be poly storage boxes supplied with the completed unit: 4 boxes to be stored side by side in the R4 compartment - dimensions to be as wide as possible so they can fit side by side, as long as possible and 12" deep. 2 boxes - Location TBD Size to match the previous four (4) boxes. As discussed at the pre-construction meeting of 11.14.2019
80-99-25AA	1	Mounting brackets for various tools (axe, pike poles, ext cords, pry bars, etc.) Following is a list of brackets supplied and shipped loose; 18 - 1001 hooklok - (1561553) - for brooms, shovels, etc. 18 - 1004-B handlok - (1562215) - for pry bars, pike poles, etc. 2 - 1019 - (1561555) - universal hangers for electrical cords 1 - K5010-12 - (1561559 and 1562215) kit for mounting sledge hammer 1 - K5012 - (1562670) - Pick head axe hanger/pocket 3 - K5029-1 - (1562662) - bolt cutter mounting kit 3 - K5032 - (1562224) - halligan tool mounting kit.
80-99-55AA	1	Honda 3000 Watt generator - EU3000iKC 3000 watt Honda portable generator/inverter type (p/n 1521803). A properly ventilated compartment shall be provided for the generator and include a slide out tray. Location for Generator and tray was determined at the Pre-Construction meeting of 11.14.2019 to be Tray #8 (60-31-8800) in the L4 compartment.
80-99-60AA	1	100' yellow extension cord with 12/3 wire, 5-20R The department has approved straight blade receptacle at the pre-construction meeting of 11.14.2019. SOPT in file
80-99-61AA	1	50' yellow extension cord with 12/3 wire, 5-20R The department has approved straight blade receptacle at the pre-construction meeting of 11.14.2019. SOPT in file
80-99-62AA	1	25' yellow extension cord with 12/3 wire, 5-20R The department has approved straight blade receptacle at the pre-construction meeting of 11.14.2019. SOPT in file

PART NO	QTY	DESCRIPTION
80-99-65AA	1	<p>Vanner IQC12-2600 AC Inverter</p> <p>One (1) DC to AC power inverter system with a 30-amp AC automatic transfer switch (51-31-3100) furnished on the apparatus. The shore power shall be connected to the system AC output receptacle to supply power to the AC loads. When the vehicle is underway and the shoreline power is disconnected, the automatic transfer switch connects the AC output receptacle to the power inverter that obtains power from the 12-volt battery system. When the shoreline is disconnected all shoreline outlets will be transferred and run through the inverter (fridge, receptacles for chargers, etc.).</p> <p>SOPT in file.</p> <p>***Inverter will be installed after ULC test***</p> <p>***NOTE - Installation manual states Maximum 10 feet from batteries and required 4/0 cable***</p> <p>Location of inverter and transfer switch will be on the front wall of the L1 compartment as discussed at the pre-construction meeting of 11.14.2019.</p> <p>Note that only the Inverter circuit of this unit will be used, the charging/transfer switch portion will not be wired per email from Todd July 3-2020</p>
80-99-70AA	1	<p><i>One quart of touch up paint to be included</i></p>
80-99-75AA	1	<p><i>24" 4-drawer tool chest</i></p> <p>SOPT</p>