



Shop Order

Fredericton Region Provincial Centre
 Suite 2300, 300 St Mary's Street
 Fredericton, NB E3A 2S4

Upper Gagetown Fire Department
 SA: Peter Kavanagh
 SNB Accounts Payable c/o Envir & Local Gov
 PO 6000
 Fredericton, NB E3B 5H1

<p>Sales Rep: Gordon Green Metalfab Ltd.</p> <p>Drawing #: TBD Est. Delivery Date: / / Customer PO #: TBA Customer #: 1309 QPF #:</p>	<p>Terms: Chassis, body and equipment Net 30 days</p> <p>Penalty: \$100.00 per working day after October 25.2018</p>
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Quote No: E-UprGtown-0709
Job/Order No: 20114
 06/28/2018

PART NO	QTY	DESCRIPTION
	1	== <i>Metalfab Walk In - 05/13 - 0.000</i> ==
	1	CHANGE ORDER C
00-10-2500	1	Metalfab Walk in Rescue/Equipment Unit E
00-20-1000	1	Company Profile E
00-20-1501	1	Warranty and transportation costs If the vehicle requires repairs at the Manufacturers facility or their Authorized Repair Facility, all costs including transportation costs to and from that facility, shall be the responsibility of the Manufacturer (for the warranty period).
00-20-1550	1	Metalfab Limited Ten (10) Year Paint and Corrosion Warranty
00-20-2100	1	Plant Inspection Visits - three inspection visits for three people Two during construction and one for final inspection
00-20-2500	1	Engineering (Approval) drawing E Three Sets of engineer stamped Approval Drawings shall be sent to the customer a minimum of one week prior to the pre-construction meeting.
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 9001:2008
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 Requires bilingual NFPA compliant labels additional to standard ULC labels
10-11-2010	1	ULC Testing - Special Services Vehicle - no pump
10-11-2100	1	Maximum length - 49' Confirmed at Pre Construction
10-11-2200	1	Maximum height - 140" Confirmed at Pre Construction

PART NO	QTY	DESCRIPTION
10-11-2400	1	Overall length is 30' or more
10-11-2500	1	General Construction
10-11-2600	1	Preconstruction Meeting Location at Metalfab
10-11-27AA	1	Weekly updates A weekly update will be sent to Environment and Local Government with pictures of the progress of the unit.
10-11-3000	1	Manuals - two copies ***Two copies of manuals are required.
10-11-3600	1	Delivery - FOB Fire Department Minimum eight hours of training
10-11-4300	1	Payment Terms - Chassis and Body NET 30
10-20-2630	1	Equipment carrying capacity - ULC/NFPA SSV 30,001 to 40,000 GVW This vehicle is designed to carry the standard miscellaneous equipment load of 4000 pounds for a Special Services Vehicle of 30,001 to 40,000 pounds GVW.
	1	CHASSIS INFORMATION
20-11-0010	1	Upper windshield tint - 6" across the top The upper 6" portion of the windshield will be tinted
20-11-1000	1	Chassis supplied by Metalfab - Freightliner M2 106 - four door Using Greenwich chassis (WO# 19960, PO# 61661) 280" Wheelbase Approximately 167.21" Cab to axle 35,000 lb GVW 12,000 lb front axle 23,000 lb rear axle Cummins L9 350 HP @ 2000 rpm, 2200 governed rpm 1000 lb/ft torque at 1400 rpm Cummins exhaust brake Allison 3000 EVS automatic transmission (pkg 198), single PTO opening 275 amp alternator 189 liter fuel tank left side Flashing headlights - Switch located on dash VDR, ESC and seatbelt display included Color to match 2303 red (L5994EB Harvester Red Elite BC) Two sets of manuals Line setting ticket to accompany chassis Tires to be dated within 6 months of chassis manufacture date Polished aluminum wheels - Valley to supply and install Stainless steel nut cover and hubcaps Valley to do front end alignment and straighten steering wheel before delivery to Metalfab Top speed to be programmed at 110 km/hr Left hand horizontal exhaust Fire extinguisher, Emergency triangle kit and first aid kit included
20-11-1500	1	2013 Emission chassis modifications
20-11-1700	1	Chassis Motor Vehicle Inspection required - NB E Dated the month of delivery.
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

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		** 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 Continuous type
20-31-1900	1	Chassis cab painted by chassis OEM
20-31-7000	1	SS nut covers, hub caps and high hats - single axle Supplied by Valley Equipment
20-31-7500	1	Console in cab Install switch panel, siren, Visibeam control and cutout for customers radio(s) in console. Map light will be install on/in the console. Storage area with hinged cover and lift and turn latch provided at rear of console. Gray Zolatone finish Fire Department radios are 1. New Provincial TMR XPR 4500 2. Motorola APX 5500 radio will be delivered to Metalfab March 29th by fire department Standard Metalfab layout is approved as per discussions at March 19th pre-construction meeting
20-41-1200	1	Transmission programming not required
20-41-1510	1	Extend exhaust pipe - LS 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 Frame mounted in front wheel well.
20-41-2000	1	Chassis batteries remain in OEM location
20-41-2510	1	Fuel fill at step fuel tank under cab
20-41-2600	1	Chassis fuel tank remains in OEM location
20-41-5000	1	Rear Tow Hooks - under body *** Flat bar tow hooks under rear step (2)
20-41-5200	1	Rear trailer receiver and trailer wiring - Class IV, 7 pin connector Class IV Rear trailer hitch with a capacity of 10,000 pounds trailer weight and 1,000 pounds tongue weight. Capacity tag/label required. See SOPT in file for Buyers part number 7 pin connector wired to industry standard - no special wiring
20-41-5240	1	Supply pintle hook with adapter and pin to slide in rear receiver To be stored in L4 compartment when not in use in angle brackets SOPT #922 - Truck Specific It will be installed in the L4 compartment on the tool board.
20-41-5500	1	ON SPOT Automatic traction chains Control located on chassis dash accessible to the driver similar to previous LSD trucks.
20-51-0710	1	Master Battery Disconnect included with Freightliner chassis
20-51-2500	1	Back up alarm included with chassis

PART NO	QTY	DESCRIPTION
20-51-3400	1	Protection valve installed for air operated accessories
20-51-4000	1	Auto eject for air inlet - LS Located in driver side step area back of front fender as shown on the proposal drawing
20-51-6200	5	Price Adjustment
20-51-6200	7	120 volt 20 A shore line connection Standard 5-20R duplex receptacle, not fused Receptacle #1 - Mounted on back wall inside cab for battery conditioner to plug in to. Receptacle #2 - Mounted in right side front compartment over SCBA tubes - forward most Receptacle #3 - At command desk in body Receptacle #4 - located in cab (on back of console unless otherwise specified) Receptacle #5 - located inside body for the customer supplied fridge to be dropped off Receptacle #6 - At command desk in body Receptacle #7 - At command desk in body
20-51-6500	1	Price Adjustment
20-51-651A	1	Kussmaul Autocharge 2000 Dual Battery conditioner w/saver There will be a Kussmaul 2000 Dual battery conditioner w/saver mounted under/behind rear seats in cab. It will be installed to charge vehicle batteries and a 12-volt output to be run to the L1 compartment for charging the generator battery. SOPT #910
20-51-7101	1	Electric System Management - VMUX
20-51-7300	1	Low Voltage Alarm in cab - Warning light with buzzer on cab console 20-31-7500
20-51-7500	1	Super Auto eject for 120 v - 20 A with sealed enclosure Located in driver side step area back of front fender as shown on the proposal drawing
20-51-8500	1	Engine compartment lights (pair) LED One required each side to light up complete engine compartment Switched with park brake
20-51-9001	1	Air horns on hood with chassis and controlled by foot switches Air horns and foot switches are supplied with the Freightliner chassis.
20-52-1000	1	Federal Littlite gooseneck map light (ea) E Mounted on Officers side of console 20-31-7500
20-52-3500	1	Chassis steering wheel lined up by Metalfab E
20-52-4000	1	Rear View Camera system Rearview Systems STM5600 with 5.6" colour monitor in cab mounted on top of chassis dash
20-60-0400	1	Chassis wheelbase does not change
20-99-0010	1	12 Volt power point and USB package 3 x 12 volt power points 1 x USB power point All wired through master disconnect switch
20-99-05AA	1	Front end alignment after body and load is applied, prior to delivery The chassis to have front end alignment and straighten steering wheel after the body and load is applied - prior to delivery SOPT #1220
30-51-1500	1	Power shift PTO - Automatic transmission - to drive A/C compressor
	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

PART NO	QTY	DESCRIPTION
50-11-0900	1	<p>Rocker switch panel with master warning switch ***Rocker switch assignments: MASTER -LIGHT BAR RED -LIGHT BAR CLEAR -FLASHING WARNING -RIGHT SCENE -LEFT SCENE -REAR SCENE -GREEN COMMAND - Front right extendable - Front left extendable - Rear right extendable - Rear left extendable Four additional switches are added for the extendable lights (50-21-2540)</p>
50-11-14AA	1	<p>Whelen 295SLSC1 - 200 Watt siren SOPT #954a</p>
50-11-1630	1	Siren speaker, 200 watt, in front bumper
50-11-2600	1	Siren to be accessible to driver and officer
50-11-5810	1	Federal lighting package
50-11-5812	1	<p>Federal LPX53DS - NFPA LED light bar SOPT #798</p>
50-11-8001	1	Rear beacons not required E
50-12-5020	1	Federal flashers and intersection lights
50-12-503A	3	<p>Green Command Post Flashers - Federal 9x7 LED (ea) Located midway on upper body sides and at rear under left rear flashing light as shown on the proposal drawing. SOPT #927 - Truck specific</p>
50-12-50AA	1	Front LED flashers (pr)-red Federal QL43XF-R
50-12-5120	1	Rear LED flashers (pr)-red Federal QL97XF-R
50-12-51AA	1	Rear LED flashers (pr)-red Federal QL43XF-R
50-12-52AA	1	Front side inter lts (pr)-red LED Federal QL43XF-R
50-12-5320	2	Body side warning lights (pr)-red LED Federal QL97XF-R
50-12-53AA	1	Body side inter lts (pr)-red LED Federal QL43XF-R
50-12-54AA	1	<p>Additional body side inter lts (pr) red LED Federal QL43XF-R Located in rear fender - forward most.</p>
50-21-2540	4	<p>FRC telescoping SPECTRA LED 12V flood (ea) SPA530-Q15-ON-SW-SR Hazard warning, Steady Rest Mounted on front corners of body and rear of body as shown on the proposal drawing. These lights are managed to shed The lights will be controlled by four (4) individual switches on the chassis console (20-31-7500) SOPT #395 - Truck specific</p>
50-21-3010	1	<p>Remote control electric spot (ea) Visibeam Installed on chassis hood unless otherwise specified. There shall be provisions made to prevent the light from shining backwards. Control will be mounted on the 20-31-7500 console within easy reach of Officer.</p>
50-21-5100	1	Compartment lighting - LED tube lights in each compartment (rollup doors)
50-21-5500	1	<p>Door Ajar warning light Mounted in overhead console above driver's seating position Bilingual warning label in cab to read: "Do Not Move Apparatus when Light is on"</p>

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50-21-5550	1	Telescoping light(s) not stowed warning light Mounted in overhead console above drivers seating position Bilingual warning label in cab to read: "Do Not Move Apparatus when Light is on"
50-21-8001	1	Step lights for body steps - 4" LED Switched with park brake
50-21-8201	1	Step lights for chassis steps - LED Switched with park brake
50-21-8600	1	LED clearance lts and reflectors
50-21-8800	1	LED intermediate turn signal/clearance/reflector length >30'
50-22-0700	1	Whelen 64 LED tail/brake-turn-backup module (pr)
50-31-6006	1	Scene lights (pr) - Federal QL97 LED - Right side Mounted in upper corners of side of body inboard of red flashers as shown on the proposal drawing. These lights are switched in cab and managed to shed.
50-31-6007	1	Scene lights (pr) - Federal QL97 LED - Left side Mounted in upper corners of side of body inboard of red flashers as shown on the proposal drawing. These lights are switched in cab and managed to shed.
50-31-6008	1	Scene lights (pr) - Federal QL97 - Rear Mounted in upper corners at rear of body inboard of flashing warning as shown on the proposal drawing. These lights are switched in cab and cannot be managed to shed, as they are required for ULC.
50-31-6011	1	Scene light boxes not required E
50-31-6560	1	Ground lighting (LED Lumabar) - 4 door chassis Under each entry door step Switched with park brake
50-31-6590	1	Ground lighting (LED Lumabar) - rescue body Under each compartment and under rear step Switched with park brake
50-35-0560	3	Price Adjustment
50-35-0560	4	VHF antenna with base - commercial chassis Four (4) antenna bases (complete with weather caps) and power leads are installed between the light bar and body (one foot from the light bar and one foot separation between bases). Two (2) will be run to the chassis console and two (2) to the command desk in the body. Antenna whips will be installed by the customer. There will be an ignition wire provided to the TMR radios (one in the console and one at the desk).
50-41-5260	1	12-Volt power point for winch - Rear SOPT 283a - Truck Specific
50-90-0550	1	Rescue body interior lighting - LED Wire so operable when 120 volt inlet is plugged in.
50-90-1000	2	12 volt powered roof vent - two speed Two speed power roof vents are installed approximately 4' from each end of the body. They are switched at each individual fan.
50-90-25AA	1	Provisions only (receptacle) for Customers refrigerator The plug for the fridge will be beside the command desk. The fridge was delivered to

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		Metalfab March 29th by the fire department. The fridge measures 21-1/2" deep x 20" wide x 32-1/4" high.
51-31-3020	1	<p>120 volt wiring - based on 5000 Watt minimum generator A breaker panel (100 Amp) with circuit breakers and devices is installed based upon a minimum 5 KW generator Located in the front left side front compartment Generator was supplied by the Customer (4Kw generator) Note that Neutral is bonded to chassis ground.</p> <p>The generator connection is a NEMA L4-20 20 amp 125/250v. There will be a 20 amp T-slot dual outlet with weather proof cover installed on each rear corner of the body and in the rear fender well (4 total)</p> <p>The generator was delivered to Metalfab 03.29.2018. It is a Homelite and measures 27-1/2" wide x 24" deep x 26-3/4" high</p>
51-31-4500	1	Dielectric strength test for line voltage system
	1	BODY
60-10-2800	1	<p>Walk in extruded aluminum Rescue Body Incorporate back/Spine board compartment by rear entry door as shown on the proposal drawing The dimensions of back/spine board to be stored in this location will be 4" wide</p>
60-10-4100	1	No "beavertail" rear step supports
60-10-4500	1	Aluminum tread plate fender surround - single axle
60-10-4700	1	Integral aluminum fender trim
60-10-5430	1	Diamondback 19" rear step
60-10-6000	1	Extruded rub rail
60-11-0200	1	Front left side compartments intermediate height
60-11-0250	1	Second front left side compartments intermediate height
60-11-0600	1	Front right side compartments intermediate height
60-11-0650	1	Second front right side compartments intermediate height
60-11-1000	1	Rear left side compartments full height E
60-11-1300	1	Rear right side compartments intermediate height
60-11-2000	1	<p>High side compartment (over 18") each Changed quantity from two (2) to one (1) The door on the R3 compartment will be a roll up as discussed at the pre-construction meeting</p>
60-11-3100	1	No rear compartment E
60-11-4405	1	Flush mount aluminum door - Rescue body rear (single)
60-11-4415	1	Side entry door not requested - Rescue body
60-11-5500	5	<p>Rollup door - standard height Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point Two over rear wheels and four inside rescue body</p>
60-11-5510	5	<p>Rollup door - intermediate height Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point</p>
60-11-5520	1	<p>Rollup door - full height Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point</p>
60-31-4120	1	<p>Extruded aluminum handrails - rescue truck rear Pair - one each side of door opening Minimum 2" clearance from handrail to any surface</p>

PART NO	QTY	DESCRIPTION
60-31-4130	1	Extruded aluminum handrails - rescue truck rear interior Pair - one each side of door opening Minimum 2" clearance from handrail to any surface
60-31-6500	1	Compartment matting - interlocking tile
60-31-8003	4	Double SCBA bottle holder in rear wheel wells (ea) P/N 1002962 Double tube with Stainless steel door Retraining straps required Door ajar switch required.
60-31-8200	1	Sliding vertical tool board Install in rear left side compartment - 10" from the side wall.
60-31-8400	1	Fixed vertical partition Install inside body LS ahead of carousel
60-31-8700	2	Price Adjustment
60-31-8700	4	Sliding tray (ea) - 400 pound capacity with gas strut and latch Reflective stripe is applied on the exposed edge for visibility when the compartment door is open Tray 1 - L1 compartment Tray 2 - L2 compartment Tray 3 - R2 compartment Tray 4 - R4 compartment The trays will require a gas strut and closed latch to allow enough room to carry the customer supplied generator.
60-31-9600	10	Adjustable shelf (ea) Reflective stripe is applied on the exposed edge for visibility when the compartment door is open Shelf #1 - full depth L2 Shelf #2 - full depth R1 Shelf #3 - full depth R2 Shelf #4 - full depth R4 Shelf #5 - full depth front RS interior compartment Shelf #6 - full depth front RS interior compartment Shelf #7 - full depth middle RS interior compartment Shelf #8 - full depth rear RS interior compartment Shelf #9 - full depth LS between vertical partition and front of body Shelf #10 - full depth LS between vertical partition and front of body
60-33-0000	1	Paint exterior - Imron Elite *** Paint code and colour red to match cab
60-33-0200	1	Undercoat vehicle with KROWN rust protection
60-33-0600	1	Chassis wheels not painted Aluminum wheels
60-33-1600	1	Special paint compartment interior - gray zolatone E The compartment interiors are finished with a gray textured paint for chip resistance. Shelves, trays, unistruts and hardware are left natural aluminum. ***Exterior compartments only***
60-33-2200	1	Lettering - 80 letters up to 3" tall - 3 colour *** Vinyl letters, Fire Department to provide details on location and text. It will match the previous pumper - M15-18234
60-33-3000	1	Reflective stripe - 4" white 50% of perimeter each side and 25% of perimeter front

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60-33-3310	1	Reflective stripe - red and yellow chevron at rear Entire rear of body will have Chevrons with the exception of the extrusion framing as shown on the proposal drawing Printed on 3M Scotchlite
60-80-0500	1	Rescue body window - fixed in upper portion of rear entry door Fixed window to be installed in the upper portion of the entry door and it should measure approximately 20" x 36". The glass should be 1/4" tinted Safety Glass. Engineering will supply Purchasing with ordering information
60-90-1000	3	Bench seat in Rescue Body - no seat belts There will be three (3) fold down bench seats that will accommodate nine (9) firefighters for a total capacity of 2050 lbs. The seats will be installed on the right side wall. Warning label - do not ride in this location
60-90-1500	1	Command Desk - Rescue Body An interior command center table/desk and communication equipment shelf shall be supplied on the left side of the box ahead of the rear wheels as per the proposal drawing. A spring loaded swing away seat shall be supplied. The seat is designed for use when the vehicle is stationery only. The table shall be supplied with 3 vertical drawers including security latches. The table shall be approx. 67"W x 30" H x 24" D. Installation of a fixed shelf above the command table The layout has been approved
60-90-39AA	1	Spray foam insulation in body interior The interior of the body is to be spray foam insulated within 75% of frame thickness and 1 1/2" under the floor See SOPT in file
60-90-4000	1	Walk in Rescue - Interior white finish and insulation The walkway is 3/16" deck plate, side walls up to the interior compartments are 3/16" deck plate
60-90-5000	1	Interior shelving with doors - Rescue Body There are to be three (3) compartments with roll up doors - three (3) on the right side. The compartment on the right side wall near the rear entry door will have a mesh restraint installed instead of a plexiglass door. The area ahead of the carousel will have mesh restraint installed to cover the adjustable shelving.
60-90-6010	1	Air Conditioner installation - subcontractor
60-90-60AA	1	Air Conditioner/Heater in Rescue body A High Performance, 12 Volt or hydraulic, Heating and Air Conditioning system is to be mounted on the floor of the front wall thermostatically controlled for both heat and A/C. See SOPT #1043 in file - Truck Specific Engineering to advise Purchasing ordering information
60-90-6100	1	Roof mounted vent/escape hatch
60-91-0500	1	Compartment SCBA Storage rack Number of cylinders to be stored is 14 and they will be located in the R1 compartment
60-91-0600	1	Manual awning for rescue truck E Right side white in color.
70-21-2100	1	PTO Hourmeter Mount in console 20-31-7500 One hour meter for the PTO for the A/C compressor

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70-21-5500	1	Panel readout for Battery Conditioner Located at LS cab step area adjacent to the auto-eject
	1	ACCESSORIES
80-17-0500	1	20# dry chemical fire extinguisher and mount The dry chemical extinguisher will be shipped loose and be installed by the fire department after the delivery.
80-17-1500	1	2-1/2 gallon water extinguisher with mount The water extinguisher will be shipped loose and be installed by the fire department after the delivery.
80-18-0500	4	SCBA bracket with strap - compt mount For installation on the 80-18-0700 carousel.
80-18-0600	3	SCBA brkt w/strap - ZICO ULLH - crew cab mount The fourth SCBA bracket was deleted where the front officer seat is non-SCBA.
80-18-0700	1	ZICO Quic Index SCBA carousel The carousel will be installed ahead of the fridge on the left side interior of the body
80-99-10AA	1	Manual drop down step on rear below entry door One manual drop down 8" step shall be installed below the entry door - Custom design by Metalfab See SOPT in file for proposed sketch.