



## Shop Order

Environment and Local Government  
 Daniel Goguen  
 Local Service Manager  
 PO Box 5001, 22 Comerciale Street  
 Richibucto, NB E4W 5R5

Beersville Fire Department

<b>Sales Rep:</b> Gordon Green Metalfab Ltd.	<b>Terms:</b> Net 30 days after delivery of unit to the Fire Department
<b>Drawing #:</b> N/A <b>Est. Delivery Date:</b> / / <b>Customer PO #:</b> <b>Customer #:</b> 1602 <b>QPF #:</b>	<b>Penalty:</b> \$100.00 per working day after 3 months of receipt of order (due August 15.2018)

**Quote No:** Beersville, NB-0010  
**Job/Order No:** 20301  
 06/22/2018

PART NO	QTY	DESCRIPTION
	1	<b>==Installation of Customer supplied body on Customer supplied chassis</b>
	1	<b>CHANGE ORDER A</b>
<b>00-20-1500</b>	1	<b>Warranty</b>
<b>00-20-1550</b>	1	<b>Five Year Paint and Corrosion Warranty</b>
00-20-2000	1	Plant Visits - unlimited at customer expense
00-20-3500	1	Certification for Fusion Welding of Aluminum
<b>00-20-4000</b>	1	<b>Quality System registered to ISO 9001:2015</b>
00-20-4500	1	Fire Apparatus Manufacturers' Association Membership
	1	<b>GENERAL INFORMATION</b>
10-11-0000	1	Intent E
<b>10-11-0110</b>	1	<b>Vehicle data recorder included with chassis</b> Included with chassis M18-19959
<b>10-11-1102</b>	1	<b>ULC S515-13 and NFPA 1901-2016 Compliance - Rescue/Equipment</b>
<b>10-11-2010</b>	1	<b>Testing to ULC - Special Services Vehicle - no pump - by ELG</b> This unit will be tested at the Metalfab's plant in order to ensure compliance with ULC standards. The test shall be completed by Environment and Local Government.
10-11-2100	1	Maximum length not specified E
10-11-2200	1	Maximum height not specified E
<b>10-11-2400</b>	1	<b>Overall length is 30' or more</b>
10-11-2500	1	General Construction
<b>10-11-2600</b>	1	<b>Preconstruction Meeting</b> At Metalfab at a date and time to be determined.
10-11-3000	1	Manuals - two copies
<b>10-11-34AA</b>	1	<b>Pickup of body at Customer's location</b> Customer contacts are as follows; Daniel Goguen - 506-523-7738 DELG Richibucto Office Mark Perry - 506-785-4421 Beersville Fire Chief Body is located at; 1620 Route 470 West Branch NB E4W 3G4 In addition to the body pickup, the following items are supplied by ELG and are to be

PART NO	QTY	DESCRIPTION
		picked up at same time;
		20-41-5200 - Receiver for rear of body
		50-11-0500 - Replacement light lenses
		50-12-51AA - Five LED lights for the installation at rear of body
		50-21-25AA - Two telescoping flood lights
10-11-3600	1	<i>Delivery - FOB Fire Department</i>
10-11-4300	1	<i>Payment Terms - NET 30</i>
10-20-2630	1	<i>Equipment carrying capacity - ULC/NFPA SSV 30,001 to 40,000 GVW</i>
	1	<b>CHASSIS INFORMATION</b>
20-11-0500	1	<i>Customer supplied Chassis - Four door Freightliner M2 106</i>
		236" wheelbase, 123.21" 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, 275 amp alternator
		189 liter fuel tank left side
		Flashing headlights
		VDR, ESC and seatbelt display included
		Color to match 2303 red
		Polished aluminum wheels
20-11-1600	1	<i>Chassis Motor Vehicle Inspection not required - Customer supplied chassis</i>
20-21-3500	1	Rear step warning label
20-21-4000	1	Rear mudflaps - Metalfab Logo
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
20-41-5000	1	Rear Tow Hooks - under body
		*** Flat bar tow hooks under rear step (2)
20-41-5200	1	<i>Rear receiver</i>
		Install rear trailer hitch as supplied by ELG.
		***Pick up this item when body is picked up***
20-41-5210	1	<i>Front receiver</i>
20-41-5215	1	<i>Side receiver, under body - right side (passengers side) ahead of rear wheels</i>
20-41-52AA	1	<i>Add a standard 7 pin trailer connection at rear receiver</i>
		The rear trailer receiver will have a standard 7-pin connector wired to industry standard - no special wiring.
20-51-0710	1	<i>Master Battery Disconnect included with Freightliner chassis</i>
20-51-2500	1	<i>Back up alarm included with chassis</i>
20-51-3100	1	<i>Air inlet is supplied with chassis</i>
		An air inlet is supplied with the chassis
20-51-7102	1	<i>Electric System Manager included with chassis E</i>
20-51-8500	1	<i>Engine compartment lights (pair)</i>
		Included with chassis
20-51-9001	1	<i>Air horns as supplied with chassis</i>
20-52-3000	1	Chassis steering wheel lined up by others
20-52-4000	1	<i>Rear View Camera system</i>
		Rearview Systems STM5600 with 5.6" color monitor in cab installed on top of the cab dash.
		The rear camera will be installed in the middle upper portion of the body where a red flasher currently sits. This rear flasher is replaced by 50-12-51AA lights.

PART NO	QTY	DESCRIPTION
20-60-0400	1	Chassis wheelbase does not change
20-99-05AA	1	<b>Prep chassis for body installation</b> Drill for body hold downs, provisions for rear tow eyes, receivers, etc.
	1	<b>ELECTRICAL</b>
50-11-0500	1	<b>Base electrical system</b> The existing 12V electrical panel shall be used in the existing location. Any unforeseen damage of wires or components can be repaired at additional cost. Some warning lights have damaged lenses - these are to be replaced - replacement lenses will be provided by DELG. ***Pick up these items when body is picked up***
50-11-0600	1	<b>Warning Light Certification</b>
50-11-0700	1	<b>Low Voltage Electrical system test</b>
50-11-0800	1	<b>Low Voltage Electrical System Documents</b> As required by ULC and NFPA standards
50-11-0900	1	<b>Additional rocker switches in cab as required</b>
50-11-66AA	1	<b>Whelen TAM63 Traffic Advisor - surface mount</b> Control will be installed on the center console where room permits. The traffic bar will be installed in the middle upper portion of the body where a red flasher currently sits. This rear flasher is replaced by 50-12-51AA lights. SOPT #823 - truck specific
50-12-05AA	2	<b>Replacement lens for red body flashers</b> Use Metalfab stock replacement lens for all red lights - the ones provided by customer will not fit and will be traded for the correct lens. Do not install any of the halogen warning lights on the rear of the body - replaced with the 50-12-51AA LED flashers provided by the customer.
50-12-51AA	1	<b>Installation of 5 Customer supplied rear facing flashing lights</b> Five (5) LED strobe lights to be installed to the back of the truck on the top portion - will be provided by DELG. The mounting location of the mini Grote flashers will be one (1) above each turn signal/BU/break module and the three (3) remaining will be spaced evenly at the top of the body rear. ***Pick up these items when body is picked up*** Switched with flashing warning lights unless otherwise specified.
50-21-25AA	1	<b>Installation of 2 Customer supplied telescopic flood lights</b> ***Pick up these items when body is picked up*** The lights will be mounted on the front of the body (one on each side) and wired to a switch inside the R2 compartment beside the electrical panel. Note that the customer will change the heads after delivery so no need to change the light bulbs if not working.
50-21-5110	1	<b>Compartment lighting - LED tube lights in each compartment</b> All compartment lighting shall be replaced with Vertical tube type LED compartment lights and will be controlled automatically when compartment door is opened and wired to the door ajar warning light in cab. Existing lights removed and holes filled in or covered. SOPT in file - Length of LED Lumabars to be confirmed when body arrives at Metalfab.
50-21-8001	1	<b>Step lights for body steps - LED</b> Switched with the park brake.
50-21-8800	1	<b>LED intermediate turn signal/clearance/reflector length &gt;30'</b>
50-22-0300	1	<b>Use original body tail lights</b> The original tail lights on the body will be re-used.
50-31-6505	1	<b>Ground lighting included with chassis E</b>

PART NO	QTY	DESCRIPTION
50-31-6590	1	<p><b>Ground lighting (LED Lumabar) - rescue body</b>  Ground lighting (LED Lumabar) is to be installed under rear step and under each compartment.  Switched with park brake.</p>
51-31-3000	1	<p><b>120 volt wiring for generator hook up - includes 7 duplex receptacles</b>  One (1) generator hook up to be provided in the right side second front compartment. The panel will be located in this compartment beside the generator.</p> <p>Customer's make, model and dimensions of generator is a Honda EB5000X that measures 27" wide x 21" deep x 22" tall</p> <p>Amperage and attachment cap type is a 120/240V, 30 amps, L14-30R</p> <p>Circuit(s) for 7 separate duplex 5-20R 120V receptacles in the right front compartment (one for the fridge and three (3) for each shelf).  Note that Neutral is bonded to chassis ground.</p>
51-31-3100	1	<p><b>Automatic 110 volt transfer switch</b>  An auto transfer switch will be wired to the seven (7) outlets in the R1 compartment. To be located next to the 120 volt breaker panel in R2.</p>
51-31-4500	1	<p><b>Dielectric strength test for line voltage system</b></p>
60-10-20AA	1	<p><b>Subframe inspection and repairs as required</b>  The sub-frame of the body shall be inspected by the bidder prior to installation on the chassis and repairs made as required.</p>
60-10-20BB	1	<p><b>Fabricate and install walls/partitions in compartment #1, #2 and #9</b>  L1 - Install aluminum wall (minimum 1/8" aluminum) on the back of the electrical panel for access from compartment L1 - located so that L1 is 68-1/2" deep and R1 is 27-1/2" deep (this gives adequate air flow for fridge).  L2 - Install an aluminum rear wall against shelving in R2 - located in the middle of the body so that L2 and R2 are each 48" deep.  R1 - Install a fixed partition between the fridge and the right wall for Customer's supplied fridge which is a Danby that measures 20" wide x 22" deep x 33" tall (requires 35" clearance for a latch on top of the door)  Refer to approval drawing.</p>
60-10-20CC	1	<p><b>Add 10" to top of body perimeter, 2 dividers and handrail on right side</b>  Build and install ten inch (10") wall on four (4) sides. The walls shall be constructed of a combination of 3/16" aluminum plate, angles, and extrusions. Paint same color as box.  Install 2 dividers from front to back to leave openings 2' (right side), 2' (middle) and 4' (left side). The dividers shall be constructed of 1/4" Aluminum Plate (not painted).  Install one (1) 4' handrail on the top right side above the steps to help access the top storage as shown on the proposal drawing. All railing will be 1-1/4" outer diameter, extruded aluminum non slip rib type tubing with chrome stanchions.  Storage will be to hold customer traffic cones, peat moss, floor dry and other light material.  SOPT in file</p>
60-11-4400	1	<p><b>Flush mount aluminum entry door - Rescue body rear (pair)</b>  Install two (2) Flush mount Rescue type aluminum doors with windows in the upper part for the back compartment.  The rear entry doors are attached with full length polished stainless steel piano hinge with a 1/4" pin. They shall have a double pan, flush mount door, fabricated from 3/16" aluminum exterior and 1/8" aluminum interior pan. It shall be equipped with an exterior stainless steel D handle and an interior lever handle, and slam type door latch with a striker bolt to prevent accidental opening. A gas spring type door check is provided. All doors are bolted to the hinges to allow removal for repair if required.  Fixed windows to be installed in the upper portion of the entry doors. The glass should be</p>

PART NO	QTY	DESCRIPTION
		<b>¼" Safety Glass.</b>
60-31-6500	1	Compartment matting-Turtle tile
60-31-86AA	2	<b>Slide out trays with 4 dividers and clear covers (ea)</b> In the front right side compartment install two (2), minimum 200 lbs capacity slide out drawers on the bottom with clear covers and four (4) dividers to be installed by fire department to hold dust out. The drawers are to be 10" in height. Sliding drawers to be equipped with minimum 200 lbs capacity sliding hardware and latch to hold in the closed position. See SOPT in file Customer to approve design and location before build
60-31-9600	9	<b>Adjustable shelf (ea)</b> Locations are as follows - to be confirmed at the pre-construction meeting Shelf #1 - Left side front compartment - full depth Shelf #2 - Left side front compartment - full depth Shelf #3 - Left side second front compartment - full depth Shelf #4 - Left side second front compartment - full depth Shelf #5 - Left side rear compartment - full depth Shelf #6 - Left side rear compartment - full depth Shelf #7 - Right side front compartment - fixed shelf for Customer's supplied fridge which is a Danby that measures 20" wide x 22" deep x 33" tall (requires 35" clearance for a latch on top of the door) Shelf #8 - Right side front compartment - full depth between right wall and fixed partition left of fridge. Shelf #9 - Right side front compartment - full depth between right wall and fixed partition left of fridge. Reflective stripe is applied on the exposed edge for visibility when the compartment door is open
60-33-0000	1	<b>Strip body, prep and paint exterior, polish treadplate and re-assemble</b> Paint code and colour red to match cab ***Clean and polish all aluminum deck plate.*** All roll up doors to be set up and lubricated as required for smooth operation.
60-33-0200	1	Undercoat vehicle with KROWN rust protection
60-33-0600	1	<b>Chassis wheels not painted</b>
60-33-1600	1	<b>Special paint compartment interior - gray zolatone E</b>
60-33-2000	1	Lettering - no lettering provided
60-33-3000	1	<b>Reflective stripe - 4" white</b> Minimum 60% of perimeter each side.
60-33-32AA	1	<b>Smooth plate overlays on rear face of body to apply chevrons</b>
60-33-3310	1	<b>Reflective stripe - red and yellow chevron at rear</b> Minimum 50% of rear vertical surface. The chevrons will cover the entire rear (minus the extrusions and the 10" raised portion of the body)
60-33-3500	1	<b>Tarp over top bed - black</b> There will be a black tarp installed above the top storage that will be attached with 1/4 turn snaps and Velcro.
60-41-98AA	2	<b>Stokes/backboard storage</b> Inside the body on left side - install brackets to hold two (2) backboards - the brackets shall be constructed of Aluminum Plate and the boards will slide upwards to minimize the real estate required. The dimensions of the back board will be 72" long x 16" wide by 2" thick (each) Inside the body on the right side, install brackets to hold a stokes basket - 86" L" x 24" Wide x 7" High (Customer to confirm). The brackets shall be constructed of Aluminum Plate and the basket will slide upwards to minimize the real estate required. Refer to the approval drawing

PART NO	QTY	DESCRIPTION
60-80-0500	1	<p><b>Rescue body windows - fixed in entry doors (2 total)</b>                      One each entry door                      Fixed windows to be installed in the upper portion of the entry doors. The glass should be 1/4" Safety Glass.</p>
60-91-0500	1	<p><b>Compartment SCBA Storage rack E</b>                      In the right side compartment over the rear wheels install as many SCBA cylinder storage tubes as possible under the existing shelf. These consist of a plastic storage tube to prevent damage to the cylinder.                      There will be two (2) rows of plastic tubes the full width of the R3 compartment.                      See approval drawing.</p>
60-99-05AA	1	<p><b>Replace three (3) sliding tray hardware</b>                      The sliding hardware and handles on the three (3) customer supplied sliding trays will be replaced with new hardware.</p>
	1	<b>ACCESSORIES</b>
80-19-0500	2	<p><b>Large folding wheel chock - aluminum (ea) not mounted</b></p>
80-19-0600	2	<p><b>Horizontal bracket for folding wheel chock (ea)</b></p>