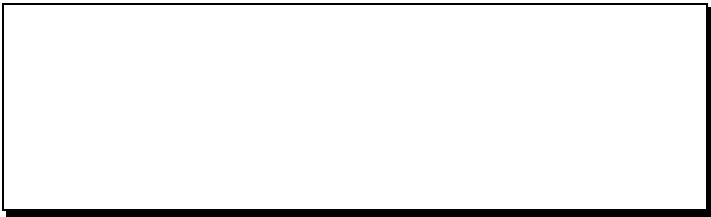




Shop Order

Town of Florenceville-Bristol Fire Department
 19 Station Road
 Florenceville-Bristol, NB E7L 3J8
 506-392-6763
 506-392-5211
 administration@florencevillebristol.ca



Sales Rep: Jacques Pelletier Metalfab Ltd.	Terms: Chassis Net 10 days Body and equipment COD
Drawing #: FT-10957 Est. Delivery Date: / / Customer PO #: Customer #: 1470 QPF #:	Penalty: None

Quote No: JFLNB-0008
Job/Order No: 19881
 12/28/2017

PART NO	QTY	DESCRIPTION
	1	== Metalfab Walk In - 05/13 - 0.000 ==
	1	CHANGE ORDER B
00-00-0020	1	Exceptions to Tender document
00-10-2500	1	Metalfab Walk in Rescue/Equipment Unit E
00-20-1000	1	Company Profile E
00-20-1500	1	Standard Body Warranty
00-20-1550	1	Metalfab Limited Ten (10) Year Paint and Corrosion Warranty
00-20-2100	1	Plant Inspection Visits - 3 Visits, 4 persons per trip
00-20-3000	1	No Bonding Requested
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
10-11-0105	1	Vehicle Data Recorder not requested E
10-11-0700	1	ULC S515-13 Compliance - Rescue/Equipment
		Reference ULC S515:
		Chapter 3 - General Requirements
		Chapter 10 - Special Services Apparatus
		Chapter 11 - Chassis
		Chapter 12 - Low Voltage Electrical/Warning
		Chapter 13 - Driving and Crew Areas
		Chapter 14 - Body
10-11-2010	1	ULC Testing - Special Services Vehicle - no pump
10-11-2100	1	Maximum length - 30'
10-11-2200	1	Maximum height not specified E
10-11-2300	1	Overall length is less than 30'
10-11-2500	1	General Construction
10-11-2600	1	Preconstruction Meeting at Florenceville-Bristol Fire hall
10-11-3000	1	Manuals - two copies
		***Two copies of chassis manuals are required.

PART NO	QTY	DESCRIPTION
10-11-3600	1	Delivery - FOB Fire Department There shall be minimum one full day of training
10-11-4000	1	Payment Terms - Chassis Net 10 days, Balance COD
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
20-11-1000	1	Chassis supplied by Metalfab - Freightliner M2 106 two door cab 32,000 lb GVWR 12,000 lb front axle 20,000 lb rear axle 202" wheel base, 136.45" cab to axle Cummins B6.7 300 hp @ 2600 rpm, 660 torque @ 1600 rpm 2600 governed rpm Allison 2500 EVS automatic transmission, 275 amp alternator 189 liter fuel tank, LH ESC Single color red - Axalta paint code B9326EB Flame Red Stainless steel nut covers, hub caps and high hats to be included with the chassis. Chassis maximum width (mirrors) is 116.14" per vocational reference guide
20-11-1500	1	2013 Emission chassis modifications
20-11-1700	1	Chassis Motor Vehicle Inspection required - NB E Chassis is provided with a New Brunswick Motor Vehicle Inspection dated the month of delivery. Take to Ron's in Lakeville to have MVI done prior to delivery.
20-21-0500	1	Fluid capacity plate
20-21-1000	1	Maximum riders sign - 2 persons
20-21-1500	1	Seat belt warning labels - 2 door chassis
20-21-1530	1	Tire Pressure Indicators - Single Axle LED type, self calibrating
20-21-1600	1	Apparatus Information Label An information label is provided in the chassis cab, visible to the driver, stating: "When manufactured, this vehicle was: ** m high ** m long ** kg GVW Changes in height since the apparatus was manufactured shall be noted on this plate by the Fire Department"
20-21-2000	1	Non removable key
20-21-2500	1	Shifter lock not required E
20-21-3500	1	Rear step warning label
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
20-31-0500	1	Alum tread fuel tank trim, Conv - 2 door Vertical trim only, OEM cab steps remain
20-31-1900	1	Chassis cab painted by chassis OEM
20-31-7500	1	Console in cab Install switch panel, siren, rear directional light controller, and door ajar light in console. Include cut outs for two customer radios, Radio Information sheet to come Storage area with hinged cover and lift and turn latch provided at rear of console. Gray Zolatone finish Provide a drawing prior to construction Provide an engraved plaque on console: "Custom Built for the Florenceville-Bristol Fire Department"

PART NO	QTY	DESCRIPTION
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 Front wheel well area.
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
20-41-5005	1	Rear Tow Hooks not required E
20-41-5200	1	Rear trailer receiver and trailer wiring - Class III/IV, 7 pin connector Requires a Maximum capacity label for ULC.
20-41-5210	1	Front receiver Requires a Maximum capacity label for ULC.
20-41-5215	2	Side receiver, under body Right side and left side ahead of rear wheels. Requires a Maximum capacity label for ULC.
20-41-5240	1	Supply pintle hook with adapter and pin to slide into receiver SOPT 922
20-51-0710	1	Master Battery Disconnect included with Freightliner chassis
20-51-2500	1	Back up alarm included with chassis
20-51-3400	1	Protection valve installed for air operated accessories
20-51-4000	1	Auto eject for air inlet - LS Located in left cab step area
20-51-6200	4	120 volt 20 A shore line connection Standard 5-20R duplex receptacle, not fused Receptacle must be minimum 12" from floor to meet ULC Receptacle #1 - On back of console 20-31-7500 for battery condition to plug into. Receptacle #2 - Right side interior wall for refrigerator to plug into Receptacle #3 - Above the desk next to the refrigerator Receptacle #4 - Above the desk next to the refrigerator
20-51-6500	1	Kussmaul Autocharge 1000 battery conditioner w/battery saver Mounted on back side of console 20-31-7500
20-51-7100	1	Electric System Manager
20-51-7300	1	Low Voltage Alarm in cab - ESM remote panel in rocker switch panel
20-51-7500	1	Super Auto eject for 120 v - 20 A with sealed enclosure Located in left cab step area - must be minimum 24" from ground to meet ULC
20-51-8500	1	Engine compartment light - 4" LED A 4" LED work light is installed in the engine compartment and activated when the park brake is applied.
20-51-9001	1	Air horns with dual lanyard controls in cab supplied by chassis OEM
20-52-3500	1	Chassis steering wheel lined up by Metalfab E
20-60-0400	1	Chassis wheelbase does not change
20-90-1000	1	Sealed pass through cab to body Accordion seal around window opening with foam and gray vinyl
	1	ELECTRICAL
50-11-0500	1	Base electrical system ***Includes green "Battery On" indicator light on chassis instrument panel.

PART NO	QTY	DESCRIPTION
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 -FLASHING WARNING -LEFT SCENE -RIGHT SCENE -FRONT SCENE (Take down lights in light bar) -REAR SCENE -LOW VOLTAGE READOUT (20-51-7300)
50-11-1400	1	Federal PA300 100 watt siren
50-11-1620	1	Siren speaker,100 watt, in front bumper
50-11-2600	1	Siren to be accessible to driver and officer
50-11-5810	1	Federal emergency light package
50-11-5812	1	Federal LPX53DS-NFPA lighbar SOPT 798
50-11-6600	1	Rear LED Traffic Advisor warning lights - surface mount TAM83 with TACTL5 Controller
50-11-8001	1	Rear beacons not required E
50-12-5020	1	Front LED flashers (pr)-red Federal QL43-RR
50-12-5110	1	Rear LED flashers (pr)-red Federal QL43-RR
50-12-5120	1	Rear LED flashers (pr)-red Federal QL97XF-R
50-12-5210	1	Front side inter lts (pr)-red LED Federal QL43-RR
50-12-5310	1	Body side inter lts (pr)-red LED Federal QL43-RR
50-12-5320	2	Body side warning lights (pr)-red LED Federal QL97XF-R
50-21-29AA	1	Additional lighting in cab to illuminate floor area - 2 door ***As required*** SOPT 998
50-21-3000	1	Remote control electric spot/flood (ea) Spartan Mounted on cab hood as shown on the proposal drawing. The control shall be mounted on the 20-31-7500 console within easy reach of Officer.
50-21-5100	1	Compartment lighting - LED tube lights in each compartment (rollup doors)
50-21-5500	1	Door Ajar warning light Located on 20-31-7500 console Bilingual warning label in cab to read: "Do Not Move Apparatus when Light is on"
50-21-8006	1	Step lights for body steps - 4" LED - Rescue Switched when park brake is set to meet ULC Located at side and rear entry door step wells 2 Lumabars are required for the rear step as shown on the proposal drawing
50-21-8200	1	Step lights for chassis steps - 12" LED Lumabars Switched when park brake is set to meet ULC
50-21-8600	1	LED clearance lts and reflectors
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 They will be installed at each upper side corners of the body. They will be controlled by a switch in the cab. Side scene lights are wired to shed through the ESM.

PART NO	QTY	DESCRIPTION
50-31-6007	1	Scene lights (pr) - Federal QL97 LED - Left side They will be installed at each upper side corners of the body. They will be controlled by a switch in the cab. Side scene lights are wired to shed through the ESM.
50-31-6008	1	Scene lights (pr) - Federal QL97 LED - Rear facing They will be installed at each rear upper corners of the body. They will be controlled by a switch in the cab. The rear lights will also be interlocked with the reverse gear of the transmission. Rear scene lights cannot be managed - required for ULC.
50-31-6011	1	Scene light boxes not required E
50-31-6550	1	Ground lighting (LED Lumabar) - 2 door chassis Switched when park brake is set to meet ULC
50-31-6590	1	Ground lighting (LED Lumabar) - rescue body Located under rear step only. Switched when park brake is set to meet ULC
50-35-0500	2	Installation of customer supplied mobile radio Radio information list required Includes wiring and testing as long as radio information sheet is provided Note that if the province installs a TMR radio, Metalfab will install only one radio and a credit will be applied
50-35-0559	2	Mobile radio antenna provided by customer E
50-41-5260	1	12-volt power point for winch at rear receiver There will be a 12-volt female connection w/ dust cap will be installed at the rear receiver location. The power will be controlled by a 300amp fuse and kill switch in the chassis cab. One (1) male end will be supplied for the customer supplied winch. SOPT 283a
50-41-5265	3	Additional 12-volt power point (ea) There will be an additional 12-volt female connection w/ dust cap will be installed at each receiver location (front and both sides). SOPT 283a
50-90-0550	1	LED interior lights The LED interior lights will work off the chassis and shoreline power when parked in the hall. There will be a switch at each entry door. Eight (8) TruckLite model #44339C Note: Command desk requires lighting of 1000 lx to meet ULC requirements. SOPT 298b
50-90-2600	1	Refrigerator for Rescue Truck 120 VAC only Install fridge on right side interior wall beside the command desk. Envelope allocated for the fridge is 26" wide x 38" high x 27" deep. Order fridge accordingly and confirm the above dimensions with Engineering before ordering
	1	BODY
60-10-2800	1	Walk in extruded aluminum Rescue Body 18' May have to be a small jog in front left compartment to clear the DEF tank. Engineering will assess when the chassis arrives.
60-10-4100	1	No "beavertail" rear step supports
60-10-4600	1	Painted fender surround E
60-10-4700	1	Integral aluminum fender trim
60-10-5450	1	Diamondback 10" rear step
60-10-6000	1	Extruded rub rail

PART NO	QTY	DESCRIPTION
60-11-0100	1	Front left side compartment to top of wheel well
60-11-0150	1	Second front left side compartment to top of wheel well
60-11-0600	1	Front right side compartments intermediate height Include filter media on compartment vents as this compartment will be used for SCBA storage
60-11-0800	1	Rear left side compartment to top of wheel well
60-11-1400	1	Rear right side compartments full height E
60-11-2000	1	High side compartment (over 18") each Right side over rear wheels
60-11-3100	1	No rear compartment E
60-11-4405	1	Flush mount aluminum door - Rescue body rear (single) Hinged on right side of door opening as shown on the proposal drawing.
60-11-4410	1	Flush mount aluminum door - Rescue body side (single) Right side of body. Hinged on right side of door opening as shown on the proposal drawing.
60-11-5500	4	Rollup door - standard height Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point
60-11-5510	1	Rollup door - intermediate height Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point
60-11-5520	1	Rollup door - full height Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point
60-11-5660	1	Amdor Flex-HD pull down strap For the right side rear compartment roll up door.
60-31-4120	1	Extruded aluminum handrails - rescue truck rear Two vertical - one each side of door opening Minimum 2" clearance from handrail to any surface
60-31-4130	1	Extruded aluminum handrails - rescue truck rear interior Pair - One each side Minimum 2" clearance from handrail to any surface
60-31-4137	1	Extruded aluminum handrail - rescue truck side interior Pair - One each side Minimum 2" clearance from handrail to any surface
60-31-6500	1	Compartment matting-Turtle tile
60-31-8700	1	Sliding tray (ea) - 400 pound capacity with gas strut Reflective stripe is applied on the exposed edge for visibility when the compartment door is open. Location of tray - front RS compartment above SCBA storage 60-91-0500
60-31-9600	6	Adjustable shelf (ea) Reflective stripe is applied on the exposed edge for visibility when the compartment door is open Locations to be determined at first shop visit: Shelf #1 - _____ Shelf #2 - _____ Shelf #3 - _____ Shelf #4 - _____ Shelf #5 - _____

PART NO	QTY	DESCRIPTION
		Shelf #6 - _____
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
60-33-1500	1	Buffed finish compartment interior
60-33-2200	1	Lettering - 80 letters up to 3" tall - 3 colour *** Vinyl letters, Fire Department to provide details on location and text.
60-33-3000	1	Reflective stripe - 4" white 50% of perimeter each side and 25% of perimeter front. Include 4" horizontal reflective inside each entry door to be visible when doors are open.
60-33-3310	1	Reflective stripe - red and yellow chevron at rear Minimum 50% of rear vertical surface
60-80-0500	1	Rescue body windows - fixed in entry doors (2 total) One each entry door
60-80-1000	1	Rescue Body window - sliding on right side of body One (1) only - right side as shown on the proposal drawing
60-90-1000	1	Bench seat in Rescue Body - no seat belts Mounted on right side wall Warning label - do not ride in this location
60-90-1500	1	Command Desk - Rescue Body A command desk is installed - right side as shown on the proposal drawing. Height for a standing type desk to be 35.5" - 39.25" from floor to meet ULC - requires exterior low side compartment door opening to be lowered 2" to meet this requirement.
60-90-4000	1	Walk in Rescue - Interior white finish and insulation
60-90-5000	1	Interior shelving with doors - Rescue Body E Right side interior wall, rearward above the SCBA brackets as shown on the proposal drawing. Left side front corner to utilize space approximately 2' wide x 5' high x 2' deep to utilize open space ahead of bunker gear compartments Lighting not required (Lexan doors)
60-90-5010	26	Bunker gear compartments - aluminum (per compartment) E No interior lighting required Include 2 hooks in each compartment - one on back wall, one on one side wall
60-90-5015	26	Bunker gear compartment netting (per compartment) E Customer to look at Atholville /Val d'Amour to determine netting arrangement
60-90-5500	1	Heater in Rescue Body E Located in left rear wheel wheel. Switch for heater shall be by the rear entrance door opening.
60-91-0500	1	Compartment SCBA Storage rack - 14 bottles Locate in front RS compartment - two rows of 5 SCBA tubes on bottom of compartment, then two additional tubes vertically at each end. Mount the 60-31-8700 between the vertical tubes and on top of the two rows of horizontal tubes. Make and model of SCBA Cylinders - Scott 2.2 2216 PSI carbon fibre Overall length of cylinders including valve - 23-1/2"

PART NO	QTY	DESCRIPTION
		Diameter of cylinders - 7"
70-21-5500	1	Panel readout for Battery Conditioner Located in left cab step area
		ACCESSORIES
80-18-0500	4	SCBA bracket with strap - compt mount Mounted on carousel 80-18-0700
80-18-0600	6	SCBA brkt w/strap - ZICO ULLH - crew cab mount Mount inside body on the right side wall by rear door as shown on the proposal drawing. Customer to specify the following; Make and model of SCBA - Scott 2.2 2216 PSI SCBA Overall length of SCBA assembly - 24" high Diameter of cylinders - 7" Overall width of SCBA assembly - 14" Overall depth of SCBA assembly - 10"
80-18-0700	1	ZICO Quic Index SCBA carousel Location of carousel to be determined at the pre-construction meeting. Location - _____ Customer to specify the following; Make and model of SCBA - _____ Overall length of SCBA assembly - _____" Diameter of cylinders - _____" Overall width of SCBA assembly - _____" Overall depth of SCBA assembly - _____"