



**RETURN BIDS TO:**

**RETOURNER LES SOUMISSIONS À:**

Bid Receiving - PWGSC / Réception des soumissions -  
TPSGC

11 Laurier St. / 11, rue Laurier

Place du Portage, Phase III

Core 0B2 / Noyau 0B2

Gatineau, Québec K1A 0S5

Bid Fax: (819) 997-9776

**SOLICITATION AMENDMENT  
MODIFICATION DE L'INVITATION**

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Solicitation remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

**Comments - Commentaires**

**Vendor/Firm Name and Address**

Raison sociale et adresse du  
fournisseur/de l'entrepreneur

**Issuing Office - Bureau de distribution**

Vehicles & Industrial Products Division

140 O'Connor, Tower East

4th Floor

140 O'Connor, Tour Est

4ème étage

Ottawa

Ontario

K1A 0S5

<b>Title - Sujet</b> Truck, Heavy, with Box	
<b>Solicitation No. - N° de l'invitation</b> M9062-194259/B	<b>Amendment No. - N° modif.</b> 003
<b>Client Reference No. - N° de référence du client</b> M9062-194259	<b>Date</b> 2020-01-09
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$HP-539-78007	
<b>File No. - N° de dossier</b> hp539.M9062-194259	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2020-01-21</b>	<b>Time Zone</b> <b>Fuseau horaire</b> Eastern Standard Time EST
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Cafferty, Kathy	<b>Buyer Id - Id de l'acheteur</b> hp539
<b>Telephone No. - N° de téléphone</b> (613) 297-2896 ( )	<b>FAX No. - N° de FAX</b> ( ) -
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>	

Instructions: See Herein

Instructions: Voir aux présentes

<b>Delivery Required - Livraison exigée</b>	<b>Delivery Offered - Livraison proposée</b>
<b>Vendor/Firm Name and Address</b> <b>Raison sociale et adresse du fournisseur/de l'entrepreneur</b>	
<b>Telephone No. - N° de téléphone</b> <b>Facsimile No. - N° de télécopieur</b>	
<b>Name and title of person authorized to sign on behalf of Vendor/Firm</b> <b>(type or print)</b> <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/</b> <b>de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

1. This Solicitation Amendment 003 is raised to:

- a. answer bidders' questions; and
- b. provide an updated Specification.

2. The following are answers to bidder questions.

Q1. Under the cab-chassis specs, would any of the following dealer-recommended optional factory upgrades be required?

- a. Steering axle sway bar (reduces unit lean when cornering)
- b. Driveshaft Guard
- c. LED Headlights
- d. Horton two speed drivemaster polar extreme engine fan drive
- e. Synthetic differential oil
- f. Air Tank Auto drain with heaters all tanks
- g. Tire pressure monitoring system
- h. Air Suspension manual dump valve with gauge
- i. Polished stainless steel steps

A1. These upgrades are not required.

Q2. Under the cab-chassis specs, do you require the addition of On-Spot automatic tire chains?

A2. This upgrade is not required.

Q3. Under Item 2, would you consider the following build system to be equivalent to the mandatory requirements?

Extruded aluminum SnapLock panel build system with 1/10" high-grade alloy aluminum sidewalls with aerodynamic extruded SnapLock front corners with integral 2"Wx1"D trapezoid upright reinforcements on 12" centers. 12"W SnapLock extrusions use 6000 series aircraft grade aluminum for higher strength to weight ratio than 5000 series marine grade sheet metal. Walls are lighter and stronger, easier to repair and more resistant to damage. Extrusions are not recommended for repairs; body damage can be repaired with aluminum sheet metal if required, in the same way that the specified sheet & post build system would be repaired.

A3. This will be considered for evaluation as an equivalent if information is provided as per Para 3.1.1. of the RFP. The Specification is amended to allow for these equivalents.

Q4. Under Item 6 (& related to item 82), would you like to upgrade the roof panel from "3/16" checker plate" to "3/16" slip-resistant NFPA step surface compliant checker plate" for maximum traction when wet? The spec does ask for a non-slip finish.

A4. This will be considered for evaluation as an equivalent if information is provided as per Para 3.1.1. of the RFP. The Specification is amended to allow for these equivalents.

Q5. Under item 8, would you like to add stainless steel or checker plate aluminum rock guards on the front wall corners?

A5. This upgrade is not required

Q6. Under Item 10, is ¼" aluminum plate sufficient for the subfloor rather than 3/8" plate?

A6. The Specification is requesting that the Body floor must consist of 3/8" aluminum sub pan plug welded and sealed to prevent moisture entry.

Q7. Under Item 19, would you like to protect the batteries from accidental deep discharge by upgrading the manual battery switch to an automatic 200A battery guard/automatic disconnect switch near batteries, wired to a 12V master rocker switch (in cab)?

A7. This upgrade is not required.

Q8. Under Item 23, a slideout tray is not part of Onan's recommended installation, and is counterproductive to both air intake & air circulation. Would you like to delete the generator slideout tray?

A8. The slideout tray is deleted from the Specification.

Q9. Under Item 27, would you like to upgrade the rooftop AC units from the standard-profile 13500 BTU to low-profile 15000 BTU?

A9. The Specification is amended to read "Minimum 13500 BTU" to allow for this upgrade.

Q10. Under Item 27, would you like to upgrade the AC unit integral heat strips to wall-mount forced-air electric fan heaters?

A10. The Specification is amended to read "wall-mount forced-air electric fan heaters".

Q11. Under Item 28, would you like the Espar heaters to be Airtronic D2, D4 or D5?

A11. The Specification is amended to reflect the requirement for Airtronic D5 heaters.

Q12. Under Item 32, if the heating and cooling units do NOT draw air from the outside, then is the Ametek air filtration system still required?

A12. The air filtration is a requirement for this build

Q13. Under Item 37, would you like to upgrade the 360-camera system to include a 4x channel DVR with 1080P/30FPS recording (supports up to 4x 128GB SD cards)?

A13. This upgrade is not required.

Q14. Under Items 73/74, do you require a powder-coat or hot-dip galvanized finish for the removable windshield & door window shields?

A14. This upgrade is not required.

Q15. Under Item 75 & 79, do you require a powder-coat or hot-dip galvanized finish for the steel front bumper & fold-out fences?

A15. This upgrade is not required.

Q16. Under Item 83, is the rear mast required for this particular application?

A16. Yes this is required.

Q17. Under Item 83, do you require the recommended optional in-line filter-lubricator for the pneumatic mast?

A17. The Specification is amended to read "in-line filter-lubricator for the pneumatic mast" to allow for this upgrade..

Q18. Under Item 83, would a winch-driven cable-drive mast be considered equivalent to the current air-operated locking pneumatic mast?

A18. No, this would not be considered an equivalent.

Q19. Under Item 83, do you require a 50'L 1" flexible Nycoil conduit with (2) 90-degree end connectors for the mast? This would replace the "mouse hole" in the upper corner for the mast wiring. The mouse hole only works well if the RCMP intends to remove the camera from the mast head whenever it's not in use, which requires climbing up and down the rear ladder and being tied off to the fall prevention cable. The Nycoil is a more permanent prewired solution if the camera is intended to remain on the mast.

A19. This upgrade is not required.

Q20. Under item 97, can the interior ceiling panel be changed from Kemlite white fiberglass panels to 1/16" or 1/8" aluminum sheeting to be consistent with Item 14?

A20. This will be considered for evaluation as an equivalent if information is provided as per Para 3.1.1. of the RFP. The Specification is amended to allow for these equivalents.

Q21. Under item 101, the interior paint requirements seem to be in conflict; do you prefer that.

- a. The aluminum interior cabinets are to be painted gray Zolatone paint along with the aluminum-lined interior?
- b. The aluminum interior cabinets are to be powder-coated gray separate from the unpainted aluminum interior?
- c. The aluminum interior cabinets are to be powder-coated gray separate from the painted gray (Zolatone) interior?

A21. Cabinets are to be powder coated on the exterior in grey, interior of cabinets to be painted grey with Zolatone or equivalent. Any equivalent products offered must supply documentation as per Para 3.1.1. of the RFP

Q22. Under item 104, would you like to add (1) or (2) vertical LED strip lights (integral to the rollup door tracks) with a built-in magnetic switch to activate the added lights?

A22. These upgrades are not required.

Q23. Under Item 119, can you confirm if the fall arrest cable needs to support one or two users at a time?

A23. The proposed bid must meet the requirement as stated in the Specification.

Q24. Under Item 128, would you like to add midship amber turn signals (these are not required by CMVSS)?

A24. This upgrade is not required.

Q25. Under Item 129, would you like to cover the man door by increasing the awning length to 12' to 16'5"?

- a. Would you like to upgrade to Acrylic Firesist fabric?
- b. Does a full-length LED light strip integrated into the awning rail (that is useable with the awning closed) meet the requirement for (2) LED work lights.

A25. 12' is listed as a minimum, therefore a 16.5' is acceptable. A and B will be considered for evaluation as equivalents if information is provided as per Para 3.1.1. of the RFP. The Specification is amended to allow for these equivalents.

Q26. Is the cabling that supports the mast mounted equipment to be permanently installed?

A26. This upgrade is not required

Q27. Should a Nycoil conduit be used for cables running to the mast mounted equipment?

A27. This upgrade is not required

Q28. Are there any additional specifications that can be provided for the CCTV camera?

A28. There are no additional specifications available for the CCTV camera

Q29. What is the required capacity of fire suppression system?

A29. The Capacity has to allow the unit must expel fire retardant through four nozzles located near the four underside corners of the truck.

Q30. Heating and cooling. Is pressurization and filtration required in the cab as well as the box? What is required the air exchange rate in the box?

A30. No, this is not required in the Cab. The Air exchange rate will have to meet the calculations used to determine the air exchange rate using the interior dimensions of the box.

Q31. As GVWR of vehicle is sufficient, would a longer box be entertained? This would allow water tank and plumbing to be inside with less risk of freezing and failure of heating blanket.

A31. This upgrade is not required.

3. All references to Annex "B" – Specification – Tactical Troop, Front Line Logistics Support Vehicle dated 14 November 2019 throughout the solicitation must be changed to read Annex "B" – Specification – Tactical Troop, Front Line Logistics Support Vehicle dated 08 January 2020.

4. All references to Appendix 1 to Annex "B" - RCMP Mandatory Truck Specification dated 14 November 2019 throughout the solicitation must be changed to read Appendix 1 to Annex "B" - RCMP Mandatory Truck Specification dated 08 January 2020.

5. All references to Appendix 2 to Annex "B" - RCMP Mandatory Box Specification dated 14 November 2019 throughout the solicitation must be changed to read Appendix 2 to Annex "B" - RCMP Mandatory Truck Specification dated 08 January 2020.

**ALL OTHER TERMS AND CONDITIONS OF THIS SOLICITATION REMAIN UNCHANGED.**

**ANNEX B**  
**TACTICAL TROOP, FRONT LINE LOGISTICS SUPPORT VEHICLE**

**2020 Model Year or Later, Conventional – Crew Cab & Chassis**  
**36,000 GVWR Minimum**

**Objective:** The RCMP in J Division requires one (1) Tactical Troop, Front Line Truck to support operational requirements in the Atlantic Region. The vehicle is replacing an older unit which is at the end of its life cycle.

**Vehicle Specifications:**

Contractors must indicate compliance with the Cab & Chassis specification and the Box specification by initialing all areas as indicated in the compliance columns and initialing each page including drawings. A detailed proposal from the OEM on the cab and chassis must be provided with the bid package. The written specification and the drawings are to be considered as one, notation of an item in one, and not in the other, does not negate the need for the given item.

Coatings such as ECK must be used at all points where dissimilar metals may be in contact to eliminate galvanic reaction including hinges, handles, fasteners and hardware.

Dimensions noted in the written specification are approximate and may vary to accommodate actual manufacturing requirements. RCMP drawings and photos are supplied to illustrate the concept of the intended vehicle only.

Wherever actual brand or model names are referenced, equipment of equal or superior manufacture will be considered. The exception being where locks and entry door hardware must meet RCMP approved standards.

**Deliverables:**

All contractors must submit a minimum of 5 references on similar police emergency vehicle builds which they have completed within the last 5 years with their bid package.

The successful contractor must submit a Proposed Production Schedule indicating the work to be done in-house and any work to be subcontracted to an off-site second party after contract award.

The successful contractor must submit detailed CAD drawings of the layout and cross sections a minimum of two weeks prior to the pre-production meeting.

On completion of the unit, the contractor must provide electrical certification from the Electrical Safety Authority along with AC and DC wiring diagrams.

The contractor must provide and attach their Transport Canada NSM Certification (National Safety Mark) on the unit for the final inspection prior to delivery.

The contractor must also provide an instruction manual (printed or electronically) on the mechanical/electrical workings of the entire vehicle and all equipment including the owner's manuals of all installed equipment.

**Meetings:**

There will be a meeting between PSPC, the RCMP and the successful contractor prior to construction of this unit to ensure that all requirements are understood and will be met. This meeting will be held at the contractor's facility.

There must be a minimum of two inspections during the construction of the body portion of the vehicle.

Inspections will be done at the following stages in production:

Exterior walls and wiring completion  
Interior wall, ceiling and flooring completion

There will also be a final inspection prior to shipping to delivery destination for acceptance in accordance with the terms of the contract.

To avoid delay in the proposed production schedule, the contractor must notify the RCMP a minimum five working days in advance of a desired inspection date in order that travel arrangements can be made.

**Travel:**

Travel and accommodations for the pre-production meeting and inspections will be done at the expense of the RCMP and PSPC where applicable.

**APPENDIX 1 TO ANNEX B  
RCMP MANDATORY TRUCK SPECIFICATION**

**2020 Model Year or Later, Conventional – Crew Cab & Chassis  
36,000 GVWR Minimum**

<b>RCMP SPECIFICATION</b>				
<b>Manufacturer Model</b>				
		<b>Indicate Compliance</b>		<b>Supporting Documentation or Statement of Compliance (please indicate the reference page number of your Technical Bid where the information can be found.)</b>
		<b>Yes</b>	<b>No</b>	
<b>Mandatory Requirements</b>				
Engine	Diesel, Emergency Vehicle Spec, 350 hp minimum, 1,000 ft/lbs torque minimum			
Exhaust	Vertical stack			
Alternator	270 amp minimum			
Batteries	(3) 12V, Group 31			
GVWR	36,000 lbs. minimum			
GCWR	40,000 lbs. minimum			
Block Heater	110 V			
Transmission	Allison, Automatic, Overdrive, Emergency Vehicle Spec.			
Fuel Tank	80 Gallons minimum			
Cab	High roof aluminum conventional crew cab, no rear window			
Cab to Axle	144" (inches) maximum			
Load Capacity	Front Axle: 14,000 lbs. min. Rear Axle: 22,000 lbs. min. GVWR: 36,000 lbs. min. GCWR: 40,000 lbs. min.			
Front Axle & Suspension	Suspension – 14,000#, Taper Leaf			
Rear Axle & Suspension	Axle Ratio - Allowance for highest			

	possible highway speed, 75 mph minimum			
	Dual Wheels - Single Axle - 22,000# minimum			
	Traction Control			
	Suspension - 22,000# minimum			
	Air Ride Suspension (must be factory installed, after-market installation is not acceptable)			
Brake Package	Full air brakes with ABS, Emergency Severe Service Non-Asbestos linings, must include engine compression braking.			
Tow Hooks	Front frame mounted			
Box Body Length	18' (feet) (excluding rear bumper/step)			
Front Tires & Wheels	11R22.5, "G" rated, all season (minimum requirement)			
	22.5 x 8.25 Polished Aluminum, Disc			
Rear Tires & Wheels	11R22.5, "G" rated, traction tread (minimum requirement)			
	22.5 x 8.25 Polished Aluminum, Disc outer, steel inner			
Spare	Full size, as per rear tire and wheel specification, mounted under box with a mechanical lift.			
Horns	Dual, Electric			
Mirrors	Electric Remote with Heater, 102" trailer & body width for mirrors			
Convex Mirrors	Left & Right hand side			
Windshield	Tinted			
Bumper	Front, steel grey (to be replaced as per body specification)			
Running Boards	Door length, both sides			
Cab Interior	Dark pewter & grey vinyl & cloth			
Door Windows	Power electric			
Door Locks	Power electric			
Insulation	Extreme climate insulation package			
Driver & Front Passenger Seat	High back, cloth, air suspension, manual lumbar, factory installed arm rests, with ability to swivel to a work table			
Rear Seats	High back, cloth, air suspension, manual lumbar (bucket), factory installed arm rests, with ability to swivel to a work table, if up-fitter install they must be equal in quality, appearance & design to the front factory seats			

Lamps	Interior dome white and red & reading lamps			
Instrument Panels & Controls	The following gauges must be included in the instrument panel: -Speedometer -Tachometer -Engine coolant temperature -Transmission coolant temperature -Oil pressure -Air pressure -Fuel gauge -Battery/alternator charging			
	Fast idle switch			
	Cruise control			
	Tilt steering wheel			
	AM/FM radio with Bluetooth, USB and aux inputs			
	Remote, keyless entry			
	Electric windshield wipers, intermittent, wired through ignition			
	Marker light, headlight switch with separate interrupter for clearance lights			
	Dash mounted park hand lever and warning indicator for air brakes			
	Heavy duty mechanical turn signal flasher			
	Four dash mounted on/off auxiliary rocker switches with indicator lights and wire routed to chassis at back of cab			
	Air conditioning/heating, manual control.			
Paint	Cab: Dark Blue			
	Chassis: Black, high solids polyurethane			
Additional Specification	Two 7 point trailer wiring harness connections, one round, one flat			
	Class V trailer hitch			
	Back up alarm			
	Garmin dezlCAM 785 LMT-S 7" GPS Navigation System or equivalent			
Provide and Install Box	As detailed in Appendix 2 to Annex B			

## RCMP MANDATORY BOX SPECIFICATION

### Appendix 2 to Annex “A”



**The completed truck must be similar to the above picture (roll-up doors have been replaced with solid doors):**

### GENERAL BOX SPECIFICATIONS

Exterior dimensions	Length:	227” (including rear bumper with bottom step in stored position)
	Width:	102”
	Height:	144” +/- 2” (from ground, including roof mounted equipment)
Interior dimensions	Length:	210”
	Width:	98”
	Height:	84”

### INTERIOR LAYOUT:


The box must consist of one inner compartment. The box must be accessible from the cab portion of the Truck. The roof of the cab must be cut back in order to allow persons using the rear of the cab seating to stand up. The cab area must be covered by a roof extension coming from the front of the box and extending to approximately the mid-point of the cab. The cab and the box compartment must be separated by an insulated sliding, lockable, pocket door. The door must be equipped with a mechanism to keep it open as needed. Tufloc locking device with a Medico high security cylinder must be installed on all the firearm storage compartments in the interior of the box.





The interior of the box compartment must extend rearward a distance of 210" from the front wall and must accommodate the items listed below.

	Indicate compliance		Supporting Documentation or Statement of Compliance (please indicate the reference page number of your Technical Bid where the information can be found.)
	Yes	No	
BODY CONSTRUCTION:			
1. All aluminum, all welded modular body with an over cab extension and complete with the following features:			
2. One piece 1/8” thickness 5052 body panels welded into 2” x 3” x ¼” 6061-T6 channel with extruded corners. One horizontal seam will be permitted if required due to the overall exterior size of the box. Equivalent build systems will be considered.			
3. Roof perimeter must have built-in roof drip rail.			
4. Roof corners to have welded-in radiused castings.			
5. Roof supports must be 2”x 2” x 3/16” 6061-T6 structural square tubing on 16” centers.			
6. Exterior roof panel must be 3/16” diamond grip checker plate or equivalent with a non-slip, non-reflective finish only.			
7. Body walls must be reinforced by 2” x 2” x 3/16” channel uprights of 6061-T6 alloy on a maximum spacing of 16” centers. Where attachments of interior installed equipment is to be made, or in an area of high stress, additional reinforcements must be installed.			
8. To prevent body panel distortion, roof and wall supports must be bonded to exterior panels using Sikaflex or 3M VHB tape applied to the full contact area.			

9. Floor structure must incorporate a network of 2" x 4" x 1/4" extruded structural channels on 16" centers along with perimeter angles and mounting rails.			
10. Body floor must consist of 3/8" aluminum sub pan plug welded and sealed to prevent moisture entry.			
11. Flooring covering must be Lonseal Lonplate II (424 TX) Gunpowder Gray or equivalent high traction, 1 piece, vinyl, checker plate pattern. <div data-bbox="409 594 643 827" data-label="Image"> </div>			
12. All truck body components including under structure and framing must be aluminum and sprayed with Corashield or equivalent for maximum corrosion protection. Body must be installed on chassis using a minimum 1/2" rubber isolation with a minimum of 6 isolation mounts.			
13. Prior to fitting the interior, the entire body must be properly sealed then walls, doors and ceiling must be insulated with 2" minimum closed cell polyurethane spray foam insulation and 3" under the floor. The underside must be undercoated with a high sound absorbing material, except where high temperatures exist.			
14. The interior compartment is to be lined with .063 and 1/8" Aluminum sheeting.			

<b>ELECTRICAL:</b>			
15. All installed wiring and circuits components must be: -Installed to comply with the Canadian Electrical Code -Rated at 125% of anticipated load -Protected from abrasion and heat, using manufactured conduit -Designed to prevent interference to radio and telemetry equipment onboard the vehicle -Designed to minimize total electrical loads -Protected from overload by manual reset type circuit breakers -Permanently coded or numbered for ease of service			
16. Main body wiring harness must be fully accessible through removable raceways, removable shelves and access panels.			
17. Wiring harness must be protected by manual reset circuit breakers. Wiring must be color coded, numbered, flame retardant and wrapped in split loom tubing to prevent abrasion.			
18. The main vehicle breaker box must be located on the interior street side wall of the over cab extension.  			
19. A master power disconnect for all installed body equipment must be installed in the cab, accessible to the driver and from the ground (with driver door open).			
20. Two deep discharge AGM group 4 batteries, connected in parallel must be installed in the exterior accessed compartment over the street side rear wheel well. Batteries must be charged through the inverter charger system and vehicle alternator. Main feed cable (not generator start) must be protected by a marine type fuse as per the inverter charger manufacturer's directions.  The vehicle battery is to remain independent of the electrical system operating in the box (install battery isolator) and remain dedicated to the starting of the vehicle only.  Emergency start switch. Install solenoid between both battery systems, (chassis and box) controlled by a momentary switch mounted on the dash to connect all batteries together in case of			

drained engine battery in order to start the engine.			
<p>21. A Xantrex Freedom SW 3012 (true sine wave) inverter charger or equivalent, with an automatic transfer switch must be installed in the exterior accessed cabinet over the street side generator cabinet, to charge auxiliary batteries from either an AC or generator power source and provide AC power to equipment from the DC power source while the vehicle is in transit.</p> 			
<p>22. The inverter charger must be equipped with a remote control panel That must be mounted on the forward cab extension next to the main junction box.</p>			
<p>23. A 12 kW Onan Quiet diesel generator or equivalent must be installed in the street side lower exterior cabinet immediately forward of the wheel well. Generator must be installed as per manufacturer's instructions for air intake and air circulation.</p> 			

24. The genset must feed a distribution panel with breakers installed for the following:

- Double 50 amp back fed main breaker
- One GFI circuit for each of the exterior outlets located on the exterior curb side, complete with weatherproof covers.
- One GFI circuit for each of the exterior outlets located on the street side near the front and rear of the box, complete with weatherproof covers.
- One circuit to feed the compartment ceiling lights.
- One circuit to feed the roof mounted AC units (one for each unit).
- One circuit for the battery inverter/charger.
- One 50 amp breaker to feed the transfer switch.
- Twenty-three (23) interior outlets located as follows (two duplexes maximum per circuit):
  - One (1) on the rear wall of the cab.
  - Two (2) over the curb side work station.
  - Eight (8) in the rear of the electronics cabinet.
  - Two (2) over the street side workbench.
  - One (1) in each of the two interior shelves over the inverter cabinet.
  - Eight (8) in the rear of the radio charging station.



One switch located near the electrical panel for each of the two:

- Curb side scene lamps
- Curb side under the awning work lights
- Street side scene lamps
- Front scene lamps
- Rear scene lamps



Two (2) switches to control sixteen (16) ceiling mounted ROM Corp Duro Lumen LED lights or equivalent at 2' intervals down the center of the walkway.




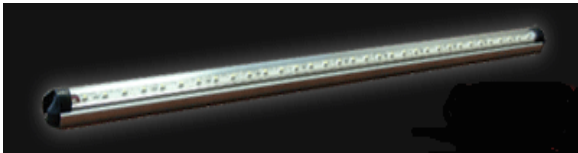

The lights must be activated by a three way switch placed on the interior right wall immediately inside the rear entry door and a second switch located on the forward wall immediately adjacent to the curb side work station.

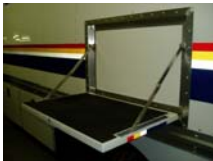
<p>25. One 100' 120V/240V, 50A twist lock RV type power cord and one 50A to 30A and a 30A to 15A adapters must be included. The shore power cord must be reel mounted with a slip ring to allow it to be used without having to be fully unwound similar to the unit pictured below and be stored in the cabinet immediately over the generator cabinet. A pig tail must be included to adapt the twist lock to other standard building/household connections.</p> 			
<p>26. The cord must feed an automatic transfer switch, then a distribution box with circuit breakers provided for the same branch circuits as noted above for the genset. The shore power source must also charge the generator batteries and the truck batteries through the inverter.</p>			
<b>HEATING AND COOLING:</b>			
<p>27. Two 13,500 BTU minimum air conditioners must be installed over the compartment roof line. Units must be controlled by wall mounted thermostats. The units must be capable of being powered by both the generator and shoreline power. An aerodynamic cover must be installed over the exterior and painted body color.</p>			
<p>28. Interior heat must be supplied by two Espar Airtonic D5 fan units or equivalents controlled by a switch mounted on the in-cab switch panel. Two (2) wall mounted Forced air electric fan heaters with wall thermostats must also be installed.</p> 			
<p>29. One unit must be installed in the street side exterior accessed decontamination shower cabinet immediately to the rear of the wheel well and vent into the box below the interior fold down bench.</p>			


30. The second unit must be installed in the curb side exterior accessed storage cabinet immediately over the rear wheel well and vent into the interior of the box.			
31. Fuel for the units must be supplied from the vehicle fuel tank.			
32. Heating and cooling units that draw air from outside must be feed through an Ametek air filtration system or equivalent that must maintain a positive air pressure on the inside of the vehicle. This unit must be installed in the curb side exterior accessed storage cabinet immediately over the rear wheel well and vent into the interior of the box. <div data-bbox="360 674 626 890" data-label="Image"> </div>			
<b>BREAK OUT BOX:</b>			
33. A lockable break-out box, 36" high x 20" wide must be installed on the curb side exterior of the vehicle to allow for audio, visual, telephone, etc...Connections to other vehicles and land sources as well as access to the rear of the interior electronics box. The lower portion of this opening must consist of a fold down section that will allow for cables to exit the box area while the main door is in the locked position.			
<b>MUD GUARDS:</b>			
34. Reinforced rubber & steel mudguards must be placed on both the front and rear of all wheels from floor to bottom of skirt.			
<b>BACK-UP CAMERA AND BACK-UP ALARM:</b>			


35. A back-up alarm with a manual shut-off switch must be installed on the vehicle.			
36. A Zone Defense or equivalent shutter back-up camera system with 4 cameras in total must be installed all around the vehicle to get a 360 degree view. One camera at the rear of the vehicle, one at the front and a left and right side camera must be installed. <div data-bbox="444 472 675 630" data-label="Image">  </div>			
37. A Zone Defense 360 or equivalent 7" colour monitor capable of split screens must be installed in the cab area for use by the driver of the vehicle. <div data-bbox="451 787 682 961" data-label="Image">  </div>			
<b>MODULE DOORS:</b>			
38. The cab and box area of the truck must be separated with an insulated lockable sliding pocket door from the street side of the box.			
39. The body must be fitted with two entry (man doors). <ul style="list-style-type: none"> <li>-A single centered swing out rear door hinged to the left (street side), having an opening minimum height of 78" and a width of 30".</li> <li>-A single forward hinged door immediately adjacent to the forward curb side of the box, height of 78" and a width of 30".</li> <li>-The doors must be constructed using a one piece 1/8" 5052 aluminum panel, welded and bonded to a specific extruded 6061-T6 perimeter frame with 2"x2" channel stiffeners installed in strategic locations. The interior of the door must be lined with white Kemlite or equivalent and be equipped with a 12" high 1/8" diamond plate aluminum kick panel at the bottom.</li> </ul>			
40. Each door must be fitted with a 2 1/2" open stainless steel piano hinge with a 1/4" stainless pin. The hinge must be bolted to the door and the jamb using 1/4" stainless steel bolts on 4" centers.			

<p>41. Specific extruded 6061-T6 jambs must be welded into the door openings, complete with integral automotive style bulb seals. All exterior doors, including the entry and compartment doors, must have a double jamb as pictured below to ensure that no road debris can gain access.</p> 			
<p>42. The entry doors must be fitted with two double stage 206 approved latches. These latches must be controlled through metal rods by inside and outside recessed paddle handles.</p>			
<p>43. The rear entry door must open 12” below the interior floor level and must have a stationary Lexan window in the upper section with a width of 18” and a height of 30” with a removable Velcro cover.</p>			
<p>44. The curb side entry door must open immediately over the lower sill of the box and have two interior steps. A stationary Lexan window must be installed in the upper section with a width of 12” and a height of 12” with a removable Velcro cover.</p>			
<p>45. The windows must also have 3M, series 21, laminate applied to the interior side prior to installation in the door.</p>			
<p>46. The curb side entry must have a fold down plate hinged to the forward side that can be secured to the forward interior box wall and be capable of covering the step well when required. A folding step well cover must also be fabricated to cover the interior rear entry door step.</p>			
<p>47. Entry doors must be equipped with a Schlage mortise lock set, model L9485 with an F15 function and having a 1” dead bolt. The inside handle must disengage both locks and the outside must have a key. Electric locking is not allowed. The door frame and door must be reinforced in the lock area. Doors must be keyed alike.</p>			
<p>48. Both doors must be fitted with a non-ferrous hold open device. Both doors must have an assist handle which must be placed next to the door opening on the exterior wall.</p>			
<p>49. The doors must be fitted with a switch that is connected to a warning light placed on the dash in the driver’s compartment to warn the operator that a door is ajar.</p>			

<b>EXTERIOR STORAGE:</b>			
50. Outside storage bins must be installed along both sides of the truck enclosed by solid doors as noted later in this specification.			
51. Each compartment must be equipped with white LED strip lighting on each side and across the top, activated by an automatic switch inside the cabinet and controlled by the opening and closing of the door.  			
52. A switch activated by the opening and closing of the door must be connected to a warning light placed on the dash in the driver's compartment to warn the operator that a door is ajar. This switch must be placed at the lower extremity or outward edge of each door.			
53. Each door must be equipped with a keyed alike Eberhard 12-90320 "D" ring handles with a weatherproof cover. Each door must be fitted with two double stage 206 approved rotary latches. These latches must be controlled through metal rods and outside recessed Eberhard 12-90320 "D" ring handles. (501 standard locks cylinders are not acceptable).  			
54. Standard doors must open upwards or vertically on a piano hinge. Each door must be equipped with non-ferrous hold open devices that will keep the door open in as high position as possible in the case of horizontally hinged doors or as wide as possible for vertically hinged doors.			
55. Each below floor level bin and or cabinet must utilize the maximum height and depth available (27" x 29" +/- as determined by the box configuration).			
<b>CURB SIDE:</b>			
56. There must be three exterior accessed compartments between the entry door and the rear wheel well.			

57. The forward cabinet must be a drawer style with a width of 21" and a height of 27" +/- housing an insulated open top box with a minimum 200 lb. capacity and drainage capability.			
58. The center cabinet must be a drawer style with a width of 26" and a height of 27" +/- housing an insulated open top box with a minimum 200 lb. capacity and drainage capability.			
59. The rear most cabinet, forward of the wheel well must be hinged on the forward side, having a width of 31" and a height of 60". This cabinet must house a slide out tray at the top with three rows of four hooks each mounted on the underside for the hanging of vests. This tray must have a minimum 200 lbs. capacity.			
60. There must be an exterior storage compartment on the curb side from the rear of the wheel well to the back edge of the box, 54" in height and 48" wide and full depth available to the frame rail. This cabinet must be equipped with shelving units with each being capable of securing six gas canisters with each having a diameter of 12" and a height of 16".			
61. A fold down insulated door must be installed immediately to the rear of the curb side entry door and over the below floor level cabinets having a width of 47" and a height of 30". The depth must be no more than the exterior box wall width. This must have a work surface. The interior wall must accommodate a magnetic white board. Configuration must be similar to the following photograph.  			
62. See item #33. An electronics break-out box must be placed immediately to the rear of the interior electronics cabinet situated over the rearward cabinet forward of the rear wheel well. The cabinet must have a width of 20" and a height of 36" with the lower part of the door being a flip down panel that allow cabling to be run out while the main portion of the door is locked.			

<p>63. A cabinet with a flip up door must be placed immediately over the rear wheel with a width of 52” and a height of 17”. This cabinet must house an Espar Airtronic heater vented to the interior of the unit and an Ametek air filtration system. All air intakes for heating, air conditioning and exhaust fan must come through this system. The unit must also be capable of filtering out CS (Ortho Chlorobenzalmalononitrile), CN (Phenacyl Chloride) and OC (Oleoresin Capsicum) gases.</p> <div data-bbox="358 527 919 720">  </div>			
<b>STREET SIDE:</b>			
<p>64. A cabinet must be placed immediately adjacent to the forward corner of the box with a width of 62”, interior height of 92” and housing the maximum depth available to the frame rails. This cabinet will house the crowd control fence and the window shields. Ratchet straps or an equivalent securing system must be placed in the interior of the cabinet to secure these items when in transit.</p>			
<p>65. A bin must be placed immediately to the rear of the shield cabinet and forward of the rear wheel with a width of 48”, interior height of 37” and using the maximum depth available. This bin must house the 12 kW Onan Quiet Diesel Generator mounted on a heavy duty slide out to allow the unit to be serviced. This compartment must be soundproofed to prevent noise transfer to the interior working area. Compartment design must follow generator manufacturer’s instruction for air intake and exhaust.</p>			
<p>66. A cabinet must be placed immediately over the generator cabinet with a height of 27” and a depth of 24”. This cabinet must house the shore power cord and inverter charger.</p>			
<p>67. A bin must be placed immediately to the rear of the shore power reel cabinet and over the rear wheel well with a width of 52”, interior height of 27” and a depth of 24”. This cabinet must house two AGM group 4 deep discharge batteries connected in parallel. Batteries must be charged through the dual inverter charger.</p>			

68. A compartment must be placed to the rear of the wheel well and forward of the rear corner of the box with a width of 48", interior height of 72" and a depth of 24". This cabinet must house the decontamination shower, an Espar Airtronic heater and other equipment that will be described later in this specification. The doors must consist of a double "Dutch" type door opening to each side at the bottom and a flip up door in the top portion.			
<b>AIR TANKS:</b>			
69. The vehicle must be equipped with an auxiliary air tank other than the ones supplied as part of the cab & chassis by the OEM. The auxiliary air tank must have a capacity of 30 cubic feet and must be housed in the lower portion of the decontamination cabinet.			
70. The auxiliary tank must be interconnected and will be fed by the Engine compressor. The tank must be equipped with a drain valve system that will allow for drainage of any accumulated condensation. The tank in the cabinet will drain outside either through fixed piping or a flexible hose that can be taken to the exterior of the cabinet.			
71. An alarm must be installed in the truck cab to indicate that the air pressure is low and will automatically turn off when the pressure is within its normal operating parameters.			
72. The compressor must provide up to 125 lbs. of air pressure and will operate the air ride seats, suspension stabilizers, locking differential, the water tank and an air pressure hose.			
<b>WINDOW PROTECTION SCREEN:</b>			
73. Door windows and windshield protection shields must be constructed of aluminum mesh and must cover the exposed glass areas.			
74. The windshield unit must consist of one piece and must fit over pins in the center top and bottom of the windshield area and bolt to brackets at the top and bottom of each side.			
			

**FRONT BUMPER & EQUIPMENT:**

75. The front bumper must be constructed of 3/8" steel protected by a rubberized pad:

- The bumper must be capable of pushing vehicles, trees, etc. from its path.
- The bumper must operate similar to a plough function and be capable of dropping down to a level 4" from the roadway. This movement must be controlled by two hydraulic cylinders attached to an electric and hydraulic pump capable of producing 2,500 lbs. of pressure in the cylinders.
- In the event that the hydraulic line is cut or broken, the bumper must be capable of being lifted by hand and secured with a safety pin located on the left cylinder.

**NOTE:** The cylinders must be mounted in such a fashion so as to not interfere with the truck hood, in the event that the successful bidder is providing a truck that requires the hood to flip forward for access to the engine.




76. A Warn M12, 2,000lbs winch or equivalent with a 100' cable must be mounted to the front bumper. There must be a quick release on the top of the winch in order to allow the operator to pull the cable out faster without using the electrical output. The winch must remain accessible and operational with the front rack attached to the bumper.






77. Both the hydraulic bumper and the winch controls must be located on an overhead console in the driver's compartment. There must be no exterior controls for either functionality.

78. Both must be connected to the overall power disconnect of the unit and must not operate if the power is not turned on.



<p>79. Gates similar to a crowd control fence must be constructed and adapted to be carried on the front bumper.</p> <ul style="list-style-type: none"> <li>- The overall height must be 5' with a width of 16'. The gate must be made in 3 sections, the center section must be the width of the front bumper to a maximum of 7' 6". Actual dimensions must be determined by the truck that is being delivered.</li> <li>-The outside sections must be of equal widths using the remainder of the 16'. No section is to exceed 80 lbs. in weight.</li> <li>-The center section of the gate must attach to the top of the bumper by using twelve 5/8" bolts and nuts, which will be secured using the onboard air hose and ratchet. The outside sections must be attached to the center section and be capable of folding to the center of the vehicle for transportation purposes when in use. When in the open (operational) position, the gates must be secured by padlocks. Provision of the padlocks will be the responsibility of the RCMP.</li> </ul> 			
<b>REAR BUMPER &amp; EQUIPMENT:</b>			
<p>80. The rear bumper must be constructed of 3" and 4" structural aluminum channels bolted directly to the chassis frame (with rubber isolation). The bumper must be covered with 1/8" diamond plate aluminum. The center section, below the rear door, must be provided with an insert of 7" wide safety grip. The lowest step must be an ASP folding step with a 699-9156 spring bolt assembly to retain the step in the transport position.</p>			
<p>81. A 16" wide aluminum rear ladder constructed of 2" tubing with perforated rungs must be installed on the rear exterior driver's side.</p>			
<p>82. The roof must be designed for walk on usage and the ladder must include a lockable security panel which can also be secured while in the open position. This panel must incorporate a keyed alike lock similar to the rest of the truck.</p>			

<p>83. An air driven locking antenna mast with an in-line filter-lubricator must be installed on the right side of the bumper, capable of extending upwards to a height of 35'. The mast must be equipped with a remote operated weatherproof CCTV infra-red camera capable of operating on AC and DC power. A "mouse hole" must be provided in the upper right rear corner to allow for the antenna or camera cable hook-up. There must be an air release valve on the mast to ensure that it will drain when the mast is lowered and will not inadvertently re-deploy from other air sources within the truck. As well a warning light must be installed in the cab to advise the operator when the mast is deployed.</p>			
<p>84. A 2" class V receiver must be installed in the rear bumper complete with safety loops. A 7 pin round and a seven pin flat wire harness electrical connection must be installed at this location.</p>			
<b>WATER TANK:</b>			
<p>85. A 55 gallon water tank must be placed between the chassis rails to the rear of the rear axle. The tank must have an easily accessible drain valve to allow for complete emptying of the unit. The fill valve must be located on the back side of the interior step. The tank and all piping must be protected against freezing by a blanket and heat cable system.</p>			
<p>86. Pressure for this system will be provided by the onboard air tanks.</p>			
<p>87. The tank must have adequate plumbing fittings and piping (1.5") to transport the water to the eye wash and shower head located in the street side rear exterior cabinet.</p>			
<p>88. A Blue Sea VSM 422 systems monitor or equivalent must be installed to provide read-outs for battery charge level, battery temperature, DC voltage, AC voltage and fresh water tank levels.</p>			



89. A 12V Ultraheat (AM-M1200) self adhesive blanket heater or equivalent must be installed on the fresh water tank and wired to the ambient temperature sensor.			
90. A 12V Ultraheat (AM-AMB-RAY) ambient temperature sensor or equivalent must be included with the water tank.			
<b>WIRING REQUIREMENTS:</b>			
91. RJ45 (Cat 5E blue, Cat 6 orange) keystone jacks must be installed in pairs, 2 each at the right and left side of the curb side workstation and the rear wall of the cab. 			
92. Cat5E and Cat 6 cabling must be installed connecting the jacks to a 24 position patch panel located in the electronics box. Cabling must be run in the serviceable conduits previously mentioned (wiring can be replaced without dismantling) throughout. 			
93. Six (6) 12 Volt, 5 Amp (cigar lighter type with cover) outlets must be provided: <ul style="list-style-type: none"> <li>• 3 accessible to the driver</li> <li>• 1 in the rear cab area</li> <li>• 2 at the forward curb side workstation</li> </ul> 			

94. An additional 50A 12 Volt circuit with 10 position fuse block must be provided at the electronics rack.			
95. One telephone jack must be placed at the work station and in the cab area. All wiring must be routed to the electronics cabinet.			
96. An additional telephone jack must be installed in the interior of the break-out box.			
<b>CABINETS AND INTERIOR FINISH:</b>			
97. Interior ceiling must be covered with Kemlite white fibreglass Panels or equivalent. Panels are to be installed in one piece with joints sealed.			
98. Assist handles must be provided on the inside of the rear and forward curb side entrance doors. 3M safety walk tape must be placed on the threshold.			
99. One 20" wide pull out electronics cabinet must be installed on the interior curb side of the compartment. This cabinet must be aluminum framed with a clear Lexan front face that is capable of being opened while secured in position. Both sides and the rear of the unit must open to allow for ease of access to the electronics equipment installed in the unit.			
100. A cooling fan must be installed in the electronics box and will operate continuously while the truck is powered up.			
101. All interior cabinets must be constructed using 1/8" aluminum and be finished with a grey powder coat with the cabinet interiors finished with Zolotone or equivalent.			
102. The work surface of the curb side work bench must be constructed of 3/4" butcher block finished hardwood.			
103. All interior cabinetry, desks, chairs and tables must be constructed according to the provided floor plan.			
104. All cabinetry must include aluminum roll up doors with heavy-duty latches and locks. All locks must be keyed alike. Firearm storage cabinets must be equipped with high security Tufloc devices and Medico high security cylinders, must be keyed alike.			
105. The wall area over the desk top on the curb side work bench must be covered by a magnetic white board.			

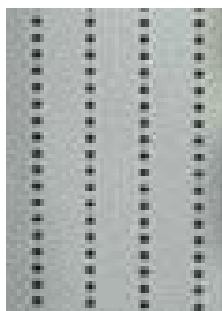
<p>106. An Amerex vehicle fire suppression system or equivalent must be installed in the interior curb side of the box as per the attached diagrams. This unit must expel fire retardant through four nozzles located near the four underside corners of the truck.</p>			
<p>107. The unit must have “purple” fire suppression capabilities to fight alcohol, gasoline, or volatile liquid fires.</p> 			
<p>108. A secure firearm storage cabinet must be placed on the curb side interior wall over the exterior accessed canister storage. This cabinet must be equipped with an aluminum roll up door and be secured with a Tufloc locking device with a Medico cylinder as noted previously in this specification.</p> <p>The cabinet must have one fully adjustable shelf with the bottom and top shelf accommodating four Power Aisle, Inc., #30002 Modular Pistol Racks. Each rack will be capable of holding three pistols each, 12 pistols per shelf, 24 in total.</p> 			
<p>109. A storage compartment capable of carrying 8 gas guns must be placed at the interior street side rear corner of the box as described below:</p> <ul style="list-style-type: none"> <li>• A Dasco Data Product or similar gun rack each holding six guns, one on each facing wall (layout is contained in the overhead view of the attached diagrams at the end of the specification):</li> </ul>			





- Eight fully adjustable stock saddles (two in each wall position):



- Rear panels allowing for fully adjustable mounting of the stock saddles (one in each wall position):



110. Two C8 gun racks must be installed in the cabinet just ahead of the gas gun storage area, see diagram. Space in this area will be shared with a future rack for 3 Heckler & Koch 40mm guns, RCMP will supply and install this rack after the truck build.

<b>DECONTAMINATION CENTRE COMPARTMENT &amp; WATER TANK:</b>			
111. The decontamination centre must be located in the rear street-side exterior compartment, as described previously in this specification.			
112. The flip up portion of the door must have tubing installed to allow for a shower curtain to fully enclose the three sides outside the perimeter of the truck.			
113. A shower head must be affixed towards the upper area of the cabinet, allowing for use either in the fixed position or as a hand-held unit.			
114. A stainless steel eye wash sink must be affixed to the lower portion of the cabinet, allowing for it to be flipped outward for use.			
115. A 25' water hose must be located on the back wall of the cabinet, to the rear of the sink, to provide for emergency washing outside of the shower area.			
116. A 50' air hose must be installed on a reel on the left side of the cabinet. The air hose will be used to power the following attachments: impact wrench, tire pressure adapter, air blower and a metal cutter. (These attachments will not be supplied by the fabricator.)			
117. The compartment and equipment must be constructed similar to that shown in the photographs below: (The section on the right accommodates a coffee dispenser, which will not be supplied by the fabricator.)  Eye wash sink in stored and operational position:			
 			

**ANTENNA FARM / SAFETY ANCHORS:**

118. One antenna farm must be located over each side of the box, running the total length, and having one crossover section. This tubing must have rubber isolation mounts between it and the roof structure. An access point must then take wiring in the tubing to the electronics cabinet below.

- The farm must consist of 4" x 4" aluminum tubing and have removable access points located at approximately 2' intervals similar to that pictured below:



119. Full length cabling with two anchor points for fall arrest must be installed on the roof area. This must meet CLC (Canada Labour Code) stress standards of 5000 lbs minimum, SOR/86-304.

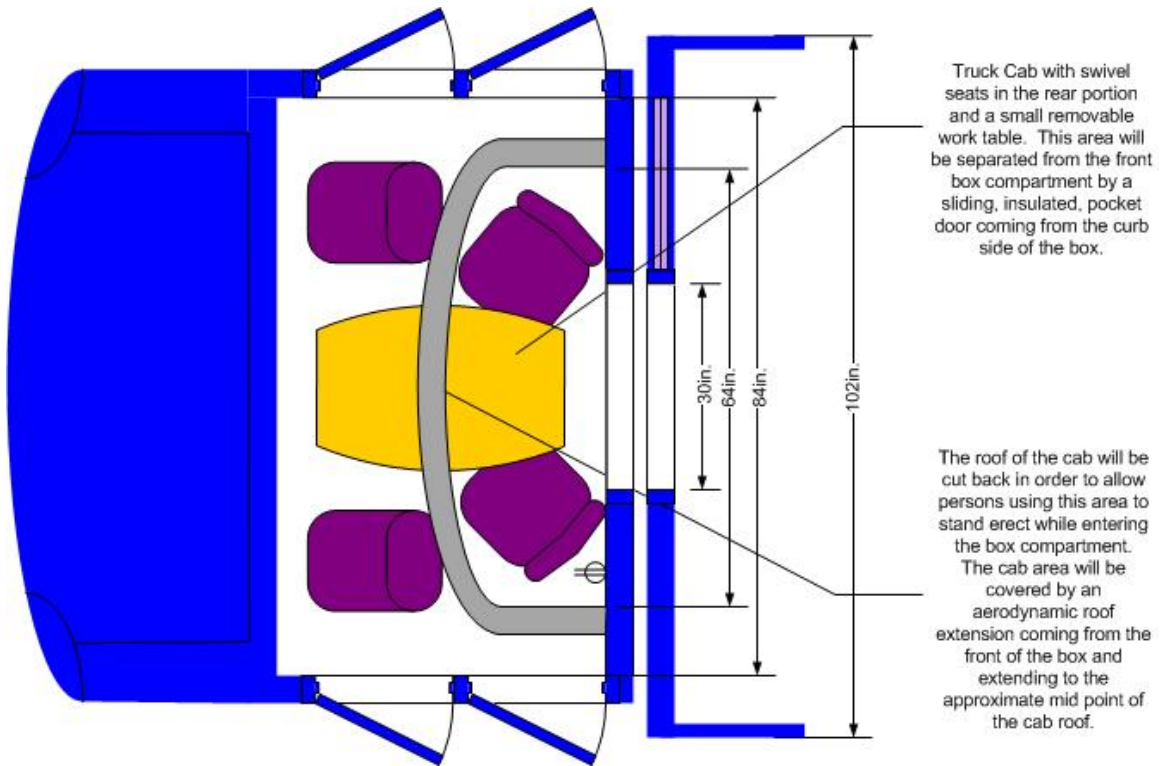
**EMERGENCY LIGHTING:**

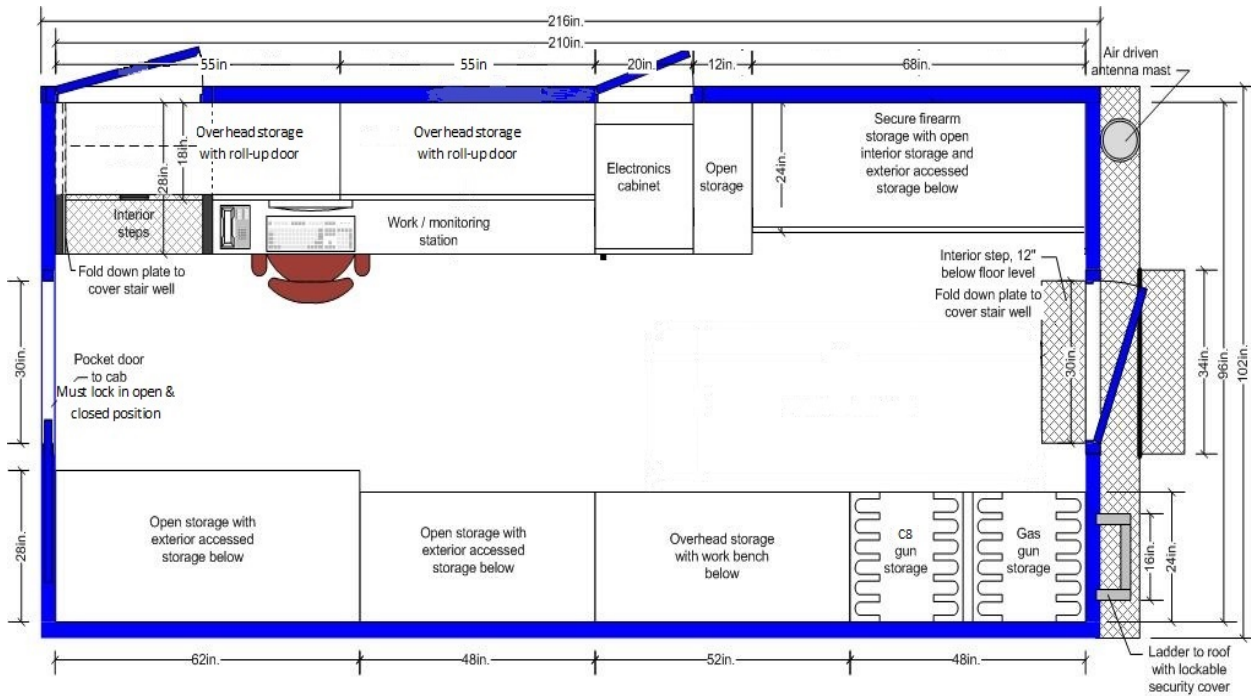
120. A switch console with internal siren control must be installed in the cab in a suitable location so that the driver can access the panel. This unit must incorporate indicator lights, back lighting and heavy-duty switches operating the following installed equipment:

121. Eight Tomar 7" x 9" RECT-79LL-RB Series LED Lightheads with mounting bezels or equivalent must be mounted as follows: One at each front top corner of box, one at each rear top corner. Two on each side of box, one at each top corner.

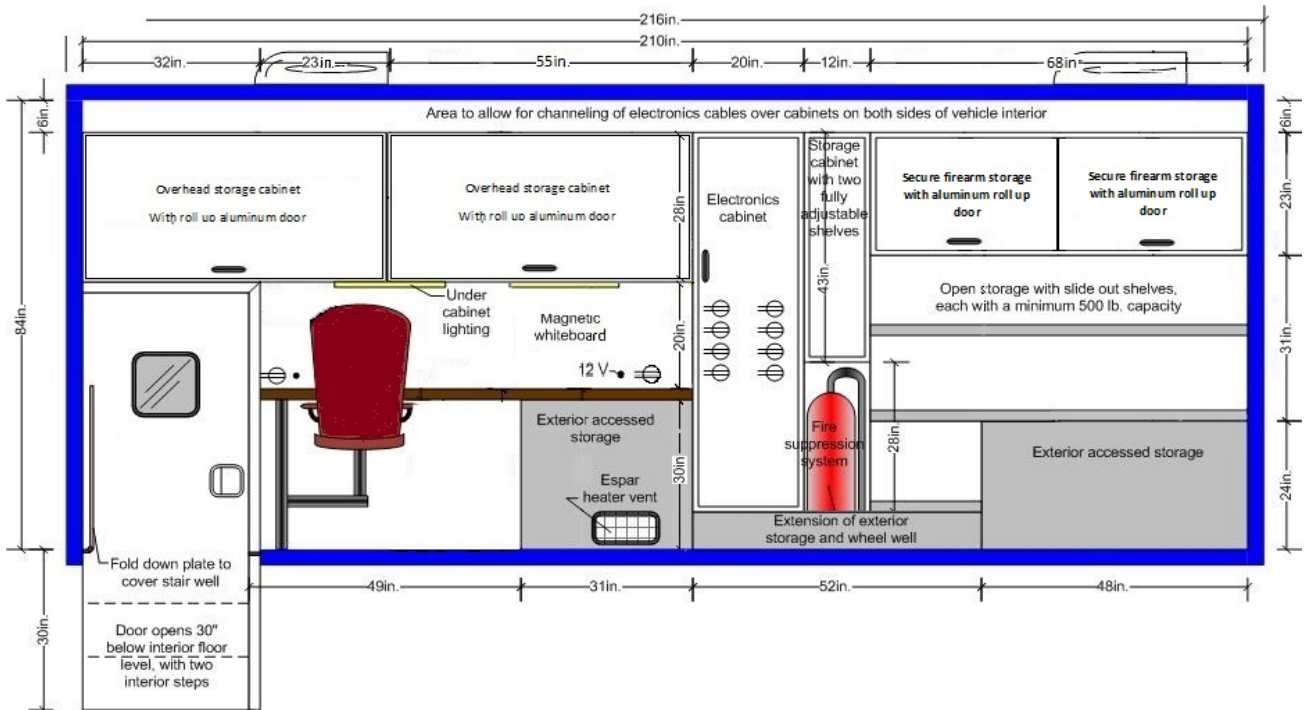
122. Eight Tomar RECT-16LS/V-RB Series LED Mini Warning Lights with required mounting brackets or equivalent must be mounted as follows: One at each front side leading corner of front fender area. One at each street and curb side rear lower corner of box. One on each street and curb side front lower corner of box.			
123. Whelen LED Front Load Duo TADF6 Red/Blue or equivalent must be mounted front grille or front bumper area.			
124. One Whelen 100 Watt Siren Speaker SA315P or equivalent. Mounting location under hood to be determined.			
125. One Whelen CenCom Sapphire Control Panel CCSRN3 must be mounted in switch consol.			
126. Six Tomar 7" x 9" R79L-13 Series LED Scene Lights with mounting bezels or equivalent must be mounted as follows: One at each rear top box corner next to red/blue light heads. One at each (street & curb) top side of box next to red/blue light heads. Switches for these as per previous description in item #71 (inside near electrical control panel).			
127. Alternating flashing headlamp system with body builder controlled engagement must be installed. Switch must be in switch console accessible to the driver.			
<b>EXTERIOR LIGHTING:</b>			
128. All exterior lighting as required by CMVSS must be installed, including the following: <ul style="list-style-type: none"> <li>• Rear tail/stop (two per side) and back-up lamps are to be LED, sealed shock mount.</li> <li>• Compact LED clearance lamps to be mounted on the roof extrusion.</li> <li>• License plate lamp, complete with license plate bracket, mounted on the rear of the truck as per Highway Traffic Act requirements as it pertains to truck construction.</li> </ul>			

<b>AWNING:</b>			
129. A electrically operated awning must be placed on the curb side exterior wall. 12' minimum in length with a dark colored canvas and black hardware. 2 LED work lights or equivalent must be placed on the wall under the awning.			
<b>EXTERIOR FINISH:</b>			
130. Exterior of the body must be painted dark blue using the manufacturer's recommended practices for the best possible finish. Colour must match the cab. Diamond plate surfaces are not to be painted. Exterior accessed cabinet interiors must be finished with Zolotone.			
131. The underside must be fully undercoated, except where high temperatures exist as mentioned in item #13.			

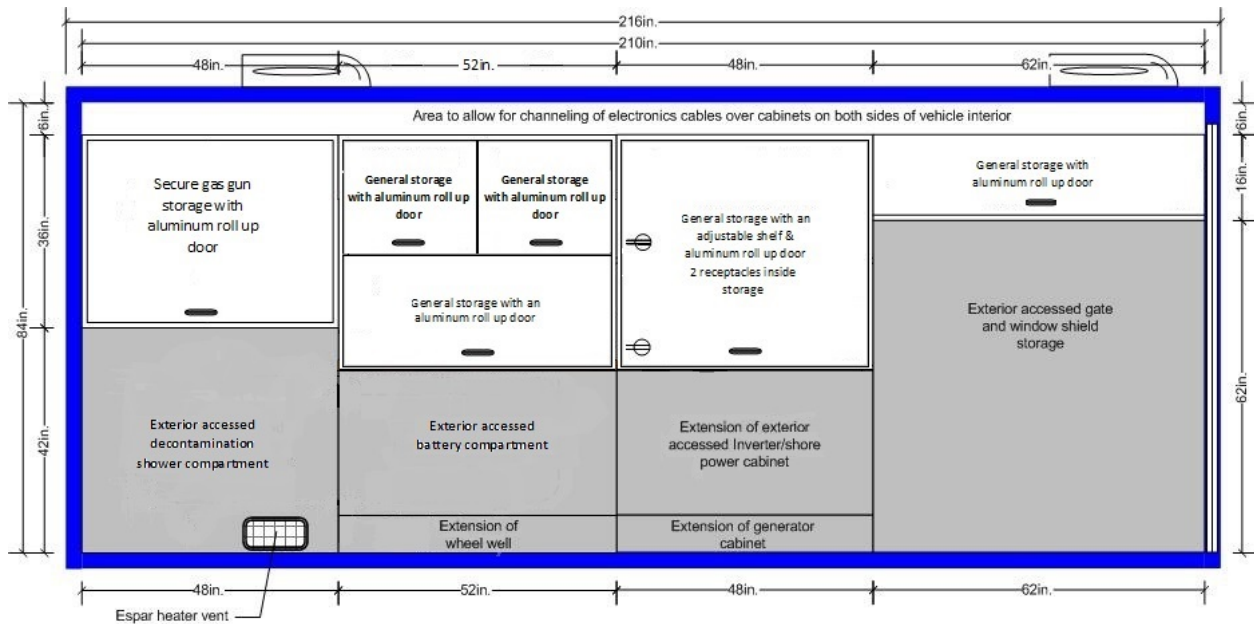
**Cab layout:****Overhead view of box:**



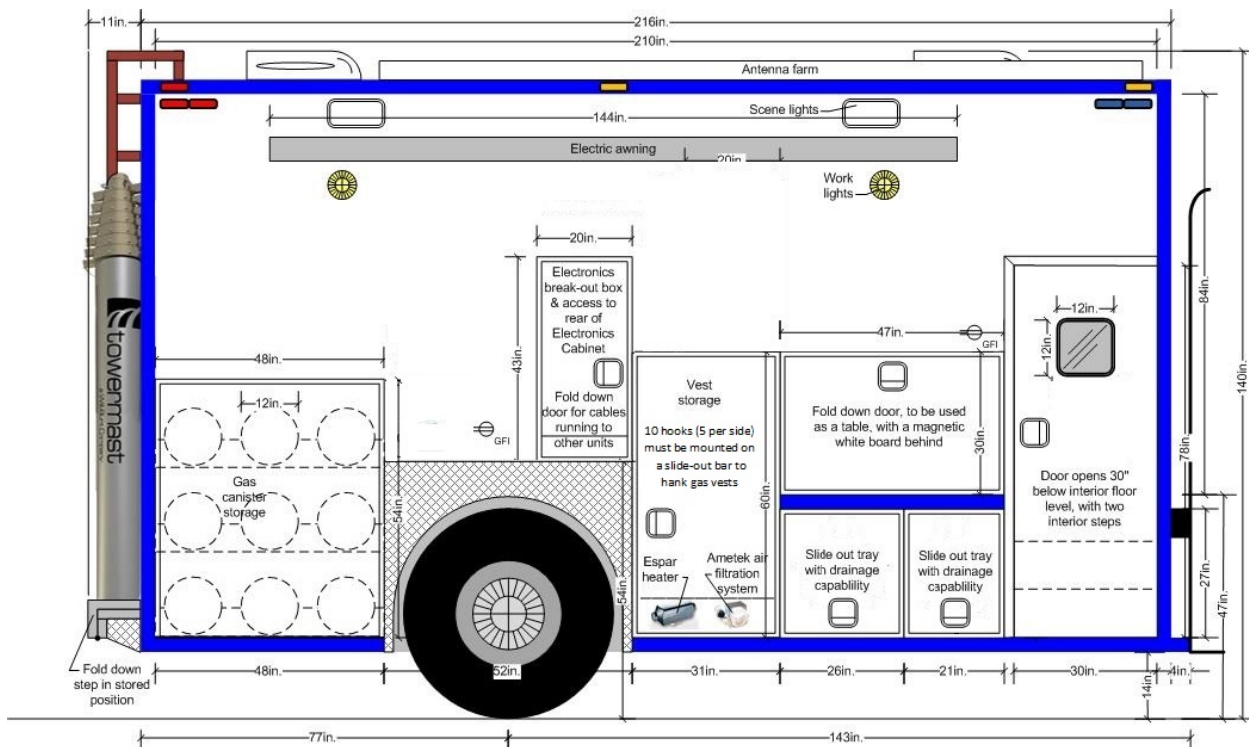
**Curb side interior:**



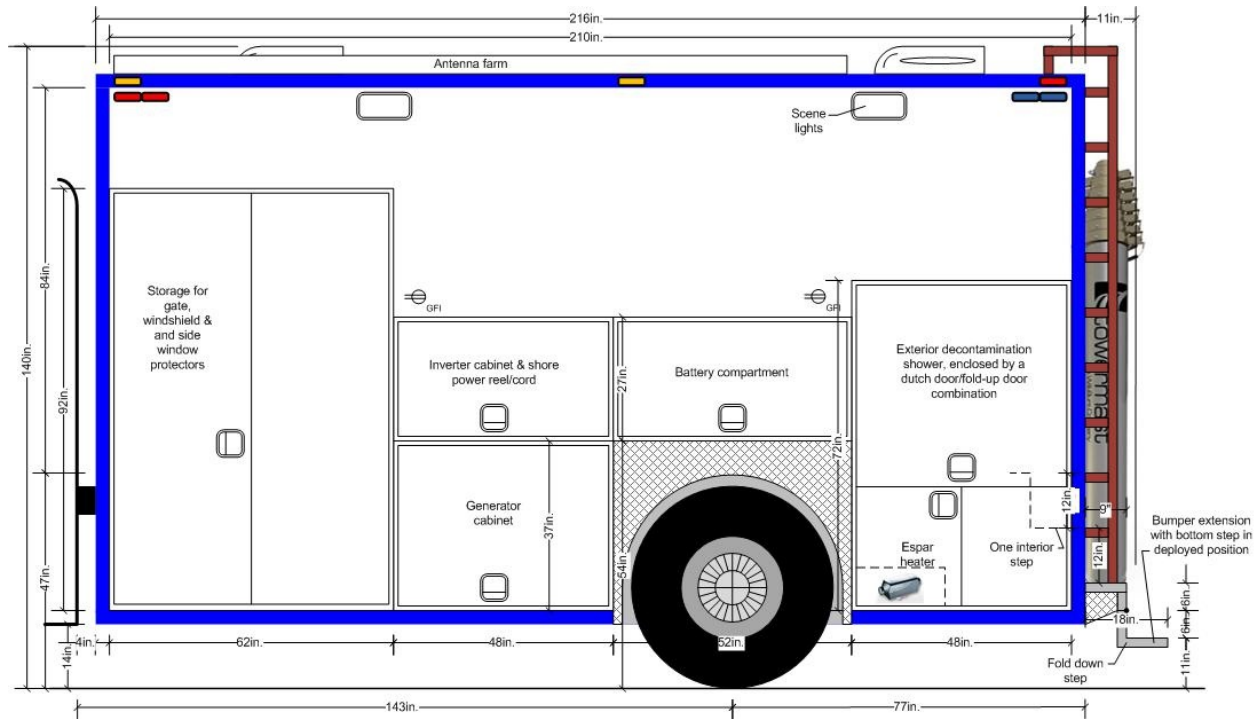
**Street side interior:**



### Curb side exterior:



### Street side exterior:



**Rear exterior:**

