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**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**  
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**Issuing Office - Bureau de distribution**  
Industrial Vehicles & Machinery Products Division  
11 Laurier St./11, rue Laurier  
7B1, Place du Portage, Phase III  
Gatineau  
Québec  
K1A 0S5

<b>Title - Sujet</b> R&O for MP vehicles Outfitting	
<b>Solicitation No. - N° de l'invitation</b> W8486-151138/A	<b>Amendment No. - N° modif.</b> 002
<b>Client Reference No. - N° de référence du client</b> W8486-151138	<b>Date</b> 2015-09-25
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$HS-610-67847	
<b>File No. - N° de dossier</b> hs610.W8486-151138	<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 2015-10-14</b>	<b>Time Zone</b> <b>Fuseau horaire</b> Eastern Daylight Saving Time EDT
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Reynolds, Kevin	<b>Buyer Id - Id de l'acheteur</b> hs610
<b>Telephone No. - N° de téléphone</b> (819) 956-3996 ( )	<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>
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<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>

Solicitation No. - N° de l'invitation

W8486-151138/A

Client Ref. No. - N° de réf. du client

W8486-151138

Amd. No. - N° de la modif.

002

File No. - N° du dossier

hs610W8486-151138

Buyer ID - Id de l'acheteur

hs610

CCC No./N° CCC - FMS No/ N° VME

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This Amendment is raised to make the following changes:

**Delete in its entirety:**

Annex C - **english only**

SOW AnnexA - **english only**

Annex D1-D7 inclusive

**Insert attached:**

Annex C

SOW AnnexA

Annex D1-D7 inclusive

Revise Bid closing date to: October 14, 2015.

Annex A  
W8486-151138  
XX May 2015



**NOTICE**

This documentation has been reviewed by the Technical Authority and does not contain controlled goods.

**AVIS**

Cette documentation a été révisée par l'Autorité technique et ne contient pas de marchandises contrôlées.

**STATEMENT OF WORK**

**FOR**

**MILITARY POLICE VEHICLE OUTFITTING**

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## STATEMENT OF WORK

### FOR

## MILITARY POLICE VEHICLE OUTFITTING

### 1.0 SCOPE

**1.1 Purpose** This document describes the Department of National Defence (DND) requirement for a repair and overhaul contract for the services of a licensed contractor to install on new vehicles and remove from old vehicles police markings, emergency equipment, safety equipment and communications equipment on Military Police (MP) vehicles. Additionally the repair and overhaul contract requires repair and maintenance services to such equipment. This will include the provision of on-site labour, certain materials, a secure compound or facility for the storage of vehicles awaiting work and/or shipping and supervision of the process.

**1.2 Background** MP vehicles have historically been received from Original Equipment Manufacturers (OEM) with minimal police options and further outfitted to police specifications on an individual basis at many locations throughout Canada. In order to make this process more economical and efficient, it is the intent of DND and the MP Transportation Authority to centralize the complete outfitting of MP patrol vehicles.

### 2.0 INSTRUCTIONS AND DEFINITIONS

**2.1 Instructions** The following instructions **shall** be applied to this Statement Of Work:

- a. Requirements, which are identified by the word "**shall**", are mandatory. Deviations will not be permitted;
- b. Requirements identified with a "**will**", define actions to be performed by the Crown and require no action/obligation on the Contractor's part;
- c. Where **shall**, or **will** are not used, the information provided is for guidance only. These desirables may be provided, however, any solution provided **shall** satisfy the stated requirements; and
- d. Where a standard is specified, the Technical Authority will consider substitutes/alternatives for acceptance as an Equivalent.

### 2.2 Definitions.

- a. **Outfitting** – Is defined as the process which may include installation of new equipment, removal of old equipment or repair and overhaul work arising from needed maintenance requirements;
- b. **Installation** – Addition of equipment to new police vehicles to attain the standard as defined in this document;
- c. **Removal** – Preparation of vehicle to enable it to be sold enabling of identified removed equipment to be re-used; ;

- d. **MP Transportation Authority**- Is defined as a person representing the Crown who has direct authority over MP patrol vehicles i.e. J4 CF MP Gp.

### **3.0 APPLICABLE DOCUMENTS**

- 3.1 Police Sedan Outfitting Guide (Appendix 1 to Annex "A").
- 3.2 Police SUV Outfitting Guide (Appendix 2 to Annex "A").
- 3.3 MP Patch Graphics/Door Crest Graphics (Appendix 3 to Annex "A").
- 3.4 CF MP Gp Order 2-820 (Appendix 4 to Annex "A").
- 3.5 CF MP Gp Order 2-821 (Appendix 5 to Annex "A").
- 3.6 Equipment List for removal/addition. (Appendix 6 to Annex "A").
- 3.7 Ford Police Modifier Guide, [www.fleet.ford.com/truckbbas/topics/2012/modguide.html](http://www.fleet.ford.com/truckbbas/topics/2012/modguide.html).

### **4.0 REQUIREMENTS**

#### **4.1 Objective**

4.1.1 The objective is to establish a repair and overhaul contract to provide to Canadian Forces MP locations throughout Canada, The intent is to deliver MP vehicles to the end user that are fully equipped, marked and ready to be fully employed in policing duties upon arrival. The Bidder **shall** have been in the business of upfitting police vehicles for a minimum of five years at time of bid submission.

4.1.2 These service **shall** also provide for maintenance and repair to that equipment on in-service vehicles. The Bidder **shall** have been in the business of maintaining and repairing police vehicles for a minimum of five years at time of bid submission. The Bidder **shall** have a qualified Information Technologist (IT) to perform all IT related functions.

4.1.3 These service **shall** also provide for the remarketing of these MP vehicles at the end of their life span through a process that will return the MP vehicle to a "non-police" state. The Bidder **shall** have been in the business of removing police equipment and identification from police vehicles for a minimum of five years at time of bid submission

4.1.4 The repair and overhaul contract **shall** cause to be centralized at one location on a regional basis the above services that are presently accomplished at multiple locations, in order to produce MP vehicles that meet the required standard in an efficient, economic, and timely manner.

#### **4.2 Vehicle Outfitting Process**

4.2.1 The contractor **shall** have the capability of storing up to four vehicles at a time and **shall** store all vehicles in their possession in a secure compound in a manner that will not cause damage or undue wear and tear on any vehicle or associated equipment.

4.2.2 The contractor **shall** provide all equipment necessary to meet the requirements of DND as detailed in each individual requisition. This includes, part or all of, the equipment specified in this document and attachments to this document and those materials necessary for installation or removal of this equipment. The contractor **shall** be responsible to receive specific MP provided

items listed in Appendix 6 to this Annex and provide the necessary materials for the proper installation or removal of these items.

**4.2.3** The contractor **shall** properly install all required markings and equipment on/in each vehicle in accordance with the directions contained within this document and attachments to this document and from the MP Transportation Authority.

**4.2.4** The contractor **shall** properly remove all equipment from each vehicle in accordance with the direction received from the MP Transportation Authority. All equipment not otherwise disposed of, including fabricated components, **shall** be inspected and proper functioning confirmed in preparation for installation on a new MP vehicle.

**4.2.5** The contractor **shall** return any uninstalled parts or any equipment that has been removed from a de-equipped vehicle and is no longer useable. All parts **shall** be return back with the decommission vehicle.

**4.2.6** The contractor **shall** store in a safe and secure location on-site, all equipment removed from MP vehicles with the intent of re-installing this equipment on a new MP vehicle. This **shall** not apply to MP provided equipment such as, but not limited to, computers which **shall** be returned under the direction of the MP Transportation Authority. A list of such equipment is listed in Appendix 6 to this Annex.

**4.2.7** The MP Transportation Authority will provide expected vehicle delivery schedules to the contractor.

**4.2.8** Only MP Transportation Authority approved equipment and markings and/or equipment and markings specified within the repair and overhaul contract and attachments **shall** be used on MP vehicles.

**4.2.9** The contractor **shall** have approval from the MP Transportation Authority prior to fabricating any product for the installation of equipment in MP vehicles. This includes, but is not limited to, brackets and cages.

**4.2.10** All metal consumables required for installation (such as bolts, screws and washers) **shall** be rust proof.

**4.2.11** If required, the contractor **shall** permit and assist Crown contracted transportation to load de-equipped vehicles from the contractor's site in order to move them to Auction.

**4.2.12** The contractor **shall** be able to access the Original Equipment Manufacturer for the receipt of the specifications(s), updates, service bulletins and engineering support for the work.

## **5.0 TASKS**

### **5.1 Outfitting**

**5.1.1** All outfitting **shall** be in accordance with the attachments to this document. Any discrepancy or conflict **shall** be resolved by the MP Transportation Authority.

**5.1.2** The attachments set out the specifications, recommendations for police specific equipment standards and for the appearance of MP vehicles.

**5.1.3** Where options are provided within the attachments for the selection of police specific equipment, the contractor **shall** verify the option selected with the MP Transportation Authority and as far as possible, install the same item in all like vehicles.

**5.2     Wiring and Controllers**    All wiring and related components installed in MP vehicles shall be located/routed exactly the same on same model vehicles. Only new wiring, other than that provided as an integral part of equipment, shall be used in the installation of equipment in vehicle to be outfitted. A wiring diagram shall be provided by the contractor to DND.

**5.3     Receipt of Vehicles**

**5.3.1**    The contractor shall be able to receive MP vehicles during normal business hours.

**5.3.2**    Upon arrival, the contractor shall complete a visual inspection for any damages.

**5.4     Storage of Vehicles**

**5.4.1**    The contractor's facility shall provide an enclosed area preventing uncontrolled access (e.g. security fencing if the storage area is not within an enclosed structure) and contain sufficient lighting to ensure the exterior of every vehicle is sufficiently illuminated to ensure an observer at the fence line can determine if any vehicle has been externally tampered with.

**5.4.2**    The MP Transportation Authority shall be immediately informed of any loss or damage to any MP vehicle.

**5.5     Storage of Equipment**

**5.5.1**    The contractor's storage facility shall be located on site where the outfitting/work is to be performed.

**5.5.2**    MP equipment (including all emergency, communication and other equipment and markings) shall be stored in such a manner as to avoid damage and loss.

**5.5.3**    MP equipment shall be stored in an access controlled area used to store only MP equipment and accessible only to security cleared personnel of the contractor and the MP Transportation Authority or representative.

**5.5.4**    The MP Transportation Authority shall be immediately informed of any loss or damage to any MP equipment.

**6.0     REPORTING**

**6.1**       The contractor shall report to the MP Transportation Authority each instance of vehicle receipt, service completed, vehicle delivered and any loss and/or damage to MP vehicles or equipment.

**7.0     DELIVERY OF VEHICLES**

**7.1**       DND will deliver and pickup all vehicles from mutually agreed contractor facility. The following process will be followed:

- a.        DND personnel will deliver the vehicles to the designated regional contractor's facility; and
- b.        DND personnel will accept completed vehicles from the regional contractor's facility and return them to the appropriate Base/Wing location.

**7.2**       The contractor shall inform the MP Transportation Authority of upon completion of each vehicle.



## **8.0 GOVERNMENT FURNISHED EQUIPMENT**

**8.1** All government furnished equipment held or installed by the contractor **shall** be in good operating condition. If not, the contractor **shall** immediately notify the MP Transportation Authority or representative.

**8.2** A list of such standard equipment to be removed and installed is listed in Appendix 6 to this Annex. Occasionally some items to be installed are legislated by each province as to the specific type/model to be used (eg radar radios etc). Provincial laws change from time to time. MP Transportation Authority will provide on each DND 626 TASKING per vehicle, the type and model of such items that need to be installed by the contractor.

**8.3** As detailed in each DND 626 TASKING, the MP Transportation Authority may provide all or some of the following equipment.

- a. A laptop or tablet computer;
- b. Radar Gun;
- c. Audio/Visual Equipment;
- d. Communications Equipment; and
- e. Laptop modem.

## **9.0 CUSTOMER SUPPORT**

**9.1** The contractor **shall** provide the MP Transportation Authority or representative with telephone troubleshooting services in order to assist in the resolution of issues. This **shall** be done at no additional cost to DND within normal business hours.

**9.2** The contractor **shall** guarantee that warranty repairs **shall** be completed within 48 hours of receipt of vehicle when parts are available.

## **10.0 DECOMMISSIONING OF MP PARTOL VEHICLES**

**10.1** Daytime running lamps **shall** be reconnected and functioning in all cases.

**10.2** Rear door handles **shall** be reconnected and functioning in all cases.

**10.3** Locks **shall** be reconnected and functioning in all cases.

**10.4** Windows **shall** be reconnected/functioning in all cases.

**10.5** All police related components **shall** be removed including vehicle markings.

**10.6** The contractor **shall** (upon completion of de-equipping a MP vehicle) inform the MP Transportation Authority and enable the vehicle to be picked up by DND personnel or representative

## **11.0 ADDITIONAL WORK REQUEST**

**11.1** When requested through a DND 626 (Task Authorization), the contractor **shall** perform Additional Work in support of the MP Outfitting in accordance with the Statement Of Work on an

"as is and when requested" Task Authorization basis as requested by the MP Transportation Authority.

## **12.0 PERSONNEL REQUIREMENTS**

**12.1** The contractor **shall** ensure that only authorized contractor personnel, with a valid Provincial Drivers License, drive MP vehicles.

## **13. DELIVERABLES**

**13.1** Each MP vehicle **shall** be outfitted to REGIONAL the standard specified.

**13.2** The MP Transportation Authority *will* provide the contractor with each DND 626 Task Authorization a listing of MP patrol vehicles requiring services along with a listing of that equipment which is to be installed or removed.

**13.3** The Contractor **shall** have a minimum of 2,000,000 of Commercial General Liability Insurance, and maintain it throughout the duration of the contract. Contractor **shall** be able to provide proof of insurance if/when required to an identified government person with a need to know.

**13.4** Any labour performed by the contractor **shall** be warranted for one year from the date the work was performed

**13.5** Contractor **shall** provide a price list for all identified and required parts as part of their bid submission and each year thereafter as pricing changes.

**13.6** All contractors' employees who have access to the MP vehicles **shall** have a minimum reliability check performed.

**13.7** The contractor **shall** immediately notify the MP Transportation Authority of any vehicle or equipment that is lost or damaged.

**13.8** The contractor **shall** immediately notify the MP Transportation Authority if any items are found within MP vehicles, outside of the scope of the Task Authorisation Contract.

**13.9** DND will perform any inspection thought necessary to ensure that installation meet the standards described in the Annexes. The contractor will be promptly notified when the standard for vehicle retrofit has not been met. Contract may be terminated if standard not met.

## **14.0 INSTRUCTIONS**

**14.1** The contractor **shall** adhere to all vehicle and equipment manufacturer instructions, this document and all attachments to this document and those documents provided by the MP Transportation Authority.

## POLICE SEDAN OUTFITTING GUIDE

### MATERIALS AND DESIGN – STRIPING AND LETTERING

1. All lettering and striping **shall** be made from high-grade reflective vinyl (3M™ Scotchlite™ Removable Reflective Graphic Film with Comply™ Adhesive Series 680CR, or equivalent).
2. Font and striping **shall** be coloured as follows:
  - a. 3M™ 680CR-72 **Red** or equivalent; and
  - b. 3M™ 680CR-85 **Black** or equivalent.
3. Reflective conspicuity markings **shall** be constructed from prismatic conspicuity material (3M™ Diamond Grade™ Conspicuity Tape, or equivalent). They **shall** be coloured as follows:
  - a. 3M™ 983-10NL ES **White** or equivalent; or
  - b. 3M™ 983-32 ES **Red/White** or equivalent.
4. All vehicle lettering **shall** be formatted in Arial Black font and capitalized. It **shall** not be in bold.

### MATERIALS AND DESIGN – DOOR CRESTS

5. MP vehicle door crests **shall** comply with the following standards:
  - a. Only the approved MP vehicle door crest design specification **shall** be used for producing door crests for marked MP;
  - b. The MP vehicle door crests shall be screen-printed onto outdoor durable vinyl. The vinyl should be easily removable with heat, leaving minimal residue. This material **shall** have an expected life of 5 to 7 years; and
  - c. If the size of the MP door crest must be modified to fit a particular vehicle type, care **shall** be taken to ensure the overall aspect ratio is not altered (the height in relation to the width).

### GRAPHIC SPECIFICATIONS AND DIMENSIONS – SIDE VIEW

6. The following graphic specifications and dimensions **shall** be adhered to for the side view of all marked MP vehicles:

- a. **Graphics – Side Striping:** 1 inch high (top) and 2 inches high (bottom), red in colour, affixed to left and right side of vehicle as per *Figure 1* below;
- b. **Graphics – Door Crests:** 16 inches high x 12 ¾ inches wide, affixed to driver and front passenger doors, as per *Figure 1* below;
- c. **Graphics – Canadian Flag:** 4 inches high x 8 inches wide, red in colour, affixed to left and right rear quarter panels as per *Figure 1* below;
- d. **Font – “POLICE”:** 4 inches high, Arial Black 404 pitch, black in colour, affixed to left and right front fenders as per *Figure 1* below;
- e. **Font – “EMERGENCY – URGENCE”:** 1 inch high, Arial Black 100 pitch, black in colour, affixed to left and right rear quarter panels as per *Figure 1* below;
- f. **Font – “911”:** 2 ¾ inches high, Arial Black 274 pitch, red in colour, affixed to left and right rear quarter panels as per *Figure 3A* below; and

**NOTE:** *In locations where 911 telephone service is not available, the base/wing MP unit emergency telephone number shall be substituted as per Figure 3B below. When applicable this information will be provided in each DND 626 TASKING.*

- g. **Conspicuity Marking:** Four 1 inch high x 12 inches wide reflective conspicuity stripes, white in colour, shall be affixed to roof ridge, front and rear pillars as per *Figures 2* below;



**Figure 1 – Side view**



**Figure 2 – White high conspicuity marking locations**



**Figure 3A – Emergency telephone marking (where 911 service is available)**



**Figure 3B – Alternate emergency telephone marking (where 911 service is not available)**

#### GRAPHIC SPECIFICATIONS AND DIMENSIONS – FRONT VIEW

7. The following graphic specifications and dimensions ***shall*** be adhered to for the front view of all marked MP vehicles:
  - a. **Font – “POLICE”:** 4 inches high, Arial Black 404 pitch, **printed in reverse**, black in colour, affixed 14 inches from the edge of the hood, as per *Figure 4* below;
  - b. **Conspicuity Marking:** One conspicuity reflective stripe, 1 inch high x 6 inches wide , white in colour, placed on the external face of the left and right side mirrors as per *Figure 4*; and
  - c. **Conspicuity Marking:** Two reflective conspicuity stripes, 2 inches high x 6 inches wide, alternating between two red rectangles and one white rectangle, affixed to both sides of the front bumper as per *Figure 4* below.



**Figure 4** –Front view (missing push bumper)

#### GRAPHIC SPECIFICATIONS AND DIMENSIONS – REAR VIEW

8. The following graphic specifications and dimensions **shall** be adhered to for the rear view of all marked **sedan-type MP vehicles**:

- a. **Font – “POLICE”**: 3 1/2 inches high, Arial Black 352 pitch, black in colour, affixed to the trunk lid as per *Figure 5* below;
- b. **Font – “MILITARY MILITAIRE”**: 2 inch high, Arial Black 202 pitch, black in colour, affixed to the trunk lid as per *Figures 5* below; and
- c. **Conspicuity markings**: One “rectangular style” reflective conspicuity stripe, 2 inches high x 6 inches wide, consisting of alternating red and white rectangles, affixed to the rear bumper as per *Figure 5A*, below.



*Figure 5 – Rear view*



*Figure 5A – Rear view - Alternate rear conspicuity marking*

#### **POLICE LIGHTS – GENERAL**

9. Ford Police Interceptor Sedan marked MP vehicles **shall** be equipped with the following minimum police lights:
  - a. A primary roof light bar system;
  - b. Four “wig-wag” strobe lights, white in colour, mounted inside the headlight housings and tail lamp flasher:

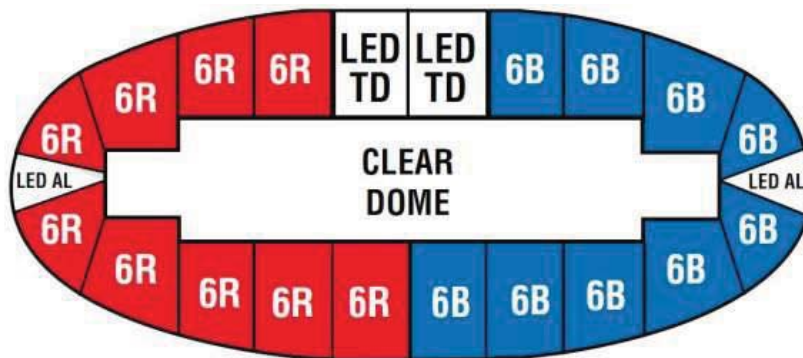


- c. Two hide-away strobe lights, white in color, mounted in the front signal light housings and two hide-away strobe lights, red and blue in colour, mounted in the rear back-up light housings;
  - d. Two external front intersection strobe lights, red and blue in colour, mounted on the left and right of the push bumper;
  - e. Two rear intersection strobe lights, red and blue in colour mounted in the left and right rear passenger windows;
  - f. Front grille strobe lights, red and blue in colour, mounted in the front part of the push bumper;
  - g. Rear deck lights, red and blue in colour (installed on rear deck); and
  - h. Trunk interior warning lights, red and blue in colour, mounted on the underside of the trunk lid.
10. All police lights used on MP vehicles **shall** be comprised of Gen III Light-Emitting Diodes (LED) or better, unless otherwise directed in this appendix.
11. All external parts **shall** be waterproof.
12. All police lights **shall** be installed to ensure the red colour is on the driver's side and the blue colour is on the passenger's side.
13. Amber-coloured traffic directors **shall** not be installed. Traffic director lights integrated with roof lights **shall** be red and blue in colour.

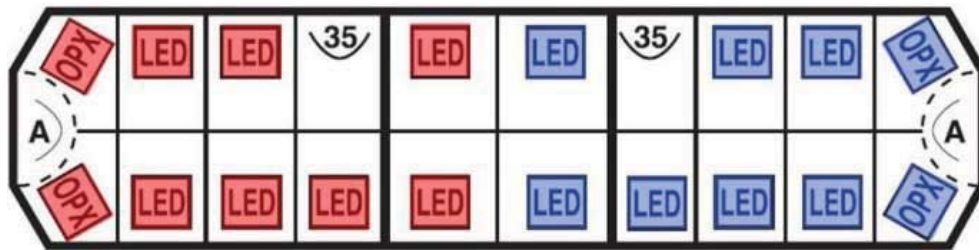
#### **RECOMMENDED POLICE LIGHT PARTS**

14. The following list contains the manufacturers and models of police lighting systems that **shall** be used for marked MP vehicles:
- a. **Roof lights:**
    - (1). Federal Signal – Arjent® S2 Light Bar or equivalent, with clear cover and top dome (see Figure 6 for configuration); or
    - (2). Whelen® Justice® Competitor™ Series Super-LED® or equivalent (see Figure 7 for configuration); or
    - (3). D & R Electronics® – PL-46 Prowler® or equivalent (see Figure 8 for configuration).

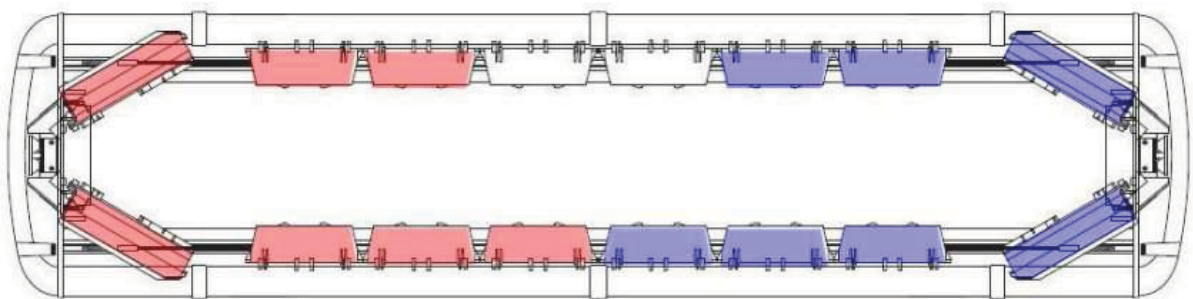




**Figure 6** – Federal Signal – Arjent® S2 Light Bar configuration



**Figure 7** – Whelen® – Justice® Competitor™ Series Super-LED® configuration



**Figure 8** – D&R Electronics® – PL – 46 Prowler® configuration

**b. Hide-Away Lights (all marked MP vehicles):**

- (1). Whelen® – Universal LED Hideaway™ or equivalent; or
- (2). Federal Signal -Corner LED Lighting or equivalent; or
- (3). D&R Electronics® - SL61L-X or equivalent.

**c. External Front Intersection Lights (if not built in the push bumper)::**

- (1). Whelen® – TIR3™ Series Lighthouse or equivalent; or
- (2). Code 3® - XT 3 Series or equivalent; or
- (3). D&R Electronics® – MR6LJB-A or equivalent.

**d. Rear Intersection Lights (*all marked MP vehicles*):**

- (1). D&R Electronics ® – MR6LJB-A⊗ (1 X blue and 1 X read each side) or equivalent; or
- (2). Whelen® - Dominator™ TIR3™ Series, model 2\*\* or equivalent; or
- (3). Code 3® - XT3 Series or equivalent.

**e. Deck Lights (*all marked MP vehicles*):**

- (1). D&R Electronics ® – MR6LJB-A or equivalent; or
- (2). Whelen® – TIR3™ Series, model D2\*\* or equivalent; or
- (3). Code 3® – XT3 Series or equivalent.

**f. Front Grill Lights (*If not built in push bumper all marked MP vehicles*):**

- (1). D&R Electronics – ML81-X or equivalent; or
- (2). Code 3® – XT3 Series or equivalent; or
- (3). Whelen® - TIR3™ Series Lighthouse or equivalent.

**g. Trunk Lid Lights (*sedan-type marked MP vehicles*):**

- (1). D&R Electronics – ML81-X or equivalent; or equivalent; or
- (2). Code 3® – XT3 Series or equivalent; or
- (3). Whelen® – TIR3™ Series Lighthouse or equivalent.

**POLICE LIGHTS – CONFIGURATION STANDARDS**

15. Ford Police Interceptor Sedan marked MP vehicle configurations are as illustrated in Figures 9 to 12 below;

16. Ford Police Interceptor Sedan marked MP vehicle **shall** have police lights installed on the underside of the trunk lid to ensure maximum visibility on the roadside when the trunk is open (see Figure 12).

17. Police lights **shall** be configured as specified in this document. The MP Transportation Authority **shall** be consulted should any questions regarding configuration standards arise.



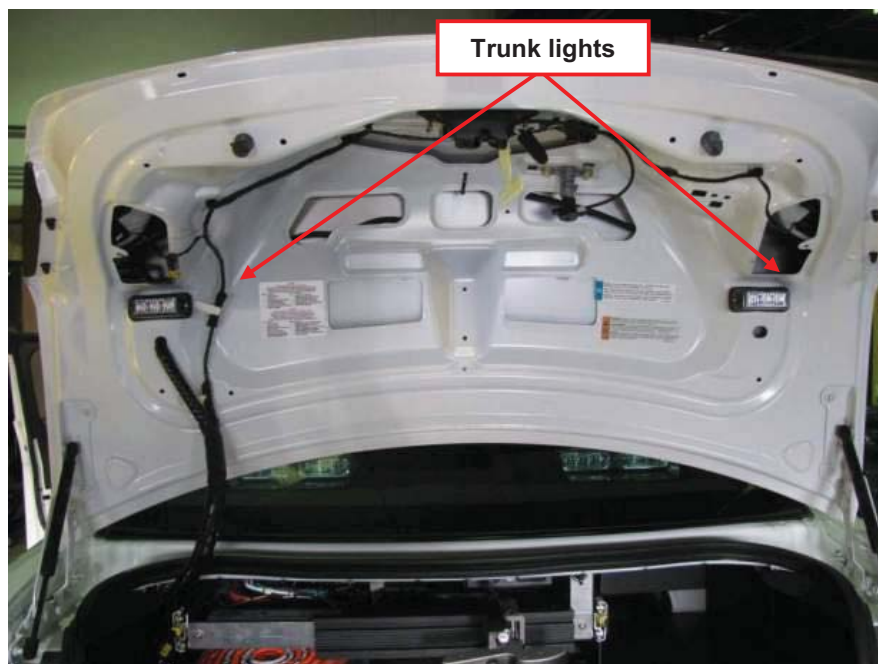
*Figure 9 – Ford Police Interceptor Sedan - Side view*



*Figure 10 – Ford Police Interceptor Sedan - Front view*



*Figure 11 – Ford Police Intercept Sedan - Rear view*



*Figure 12 – Ford Police Intercept Sedan – Placement of trunk-lid police lights*

## **SIRENS AND PUBLIC ADDRESS SYSTEMS**

18. *Ford Police Interceptor Sedan* marked MP vehicle **shall** be equipped with an electronic siren and a public address (PA) system that meet the following specifications:

- a. The electronic siren **shall** include “air horn”, “piercer”, “wail”, “yelp” tones and a “hi-lo” tone.;
- b. All siren tones **shall** be activated by pressing the horn switch on the steering wheel and by using the appropriate button on the emergency equipment controller;
- c. The air horn **shall** be activated by a button situated on the emergency equipment controller; and
- d. The siren and PA system **shall** operate with at least a 100-watt speaker concealed under the hood area.

## EMERGENCY EQUIPMENT CONTROLLERS

19. The emergency equipment controller installed in all marked MP vehicles **shall** have the following features:

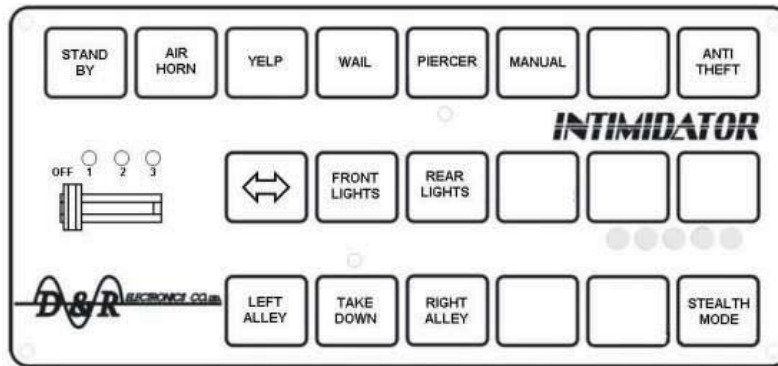
- a. Siren buttons: “manual”, “stand-by”, “air horn”, “piercer”, “wail”, “yelp”, and “hi-lo” (if this siren tone is available). Function assignment for buttons **shall** follow the layout examples in *Figures 13 to 14 as close as possible*;
- b. A 3-position slide switch for activating police lights in various customizable configurations:
  - (1). **Position 1:** All rear-mounted police lights activated (hide-away, rear tail lights flasher, rear visor / traffic director on warning mode, deck lights) and all intersection lights activated;
  - (2). **Position 2:** All front-mounted police lights activated (hide-away, wig-wag, grille lights and front visor) and all intersection lights activated; and
  - (3). **Position 3:** All police lights activated (including roof light bar, front visor, and rear visor / traffic director on warning mode).
- c. Traffic director (“arrow”) lights **shall** be configured as follows:
  - (1). Press one time: Move traffic to the left;
  - (2). Press a second time: Move traffic to the right; and
  - (3). Press a third time: “Warning” mode;
- d. Alley and take-down lights(if equipped);
- e. Anti-theft device / power / idle management device; and
- f. Stealth/black-out mode (deactivates all vehicle lights except emergency lights).

20. Function assignment for all buttons and switches on the emergency equipment controllers **shall** follow the layout examples in *Figures 13 to 14*.

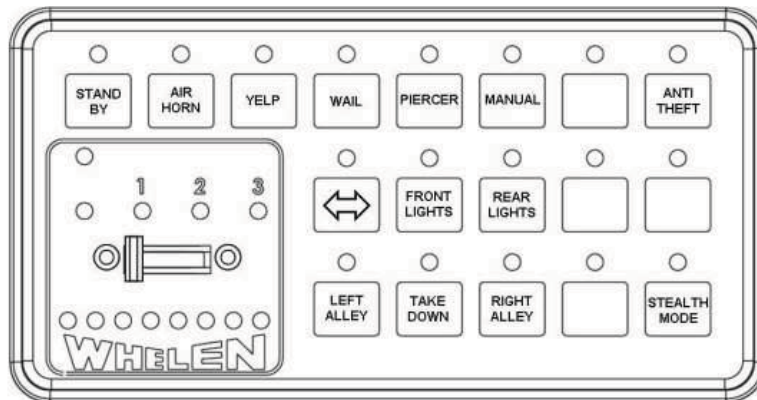
21. The following list contains the recommended manufacturers and models of emergency equipment controllers that **shall** be used for marked MP vehicles:



- a. D&R Electronics – Intimidator, model F3.3150S (see Figure 13 for configuration);
- b. Whelen – CenCom Sapphire Siren and Light Controller, model CCSRN3 (see Figure 14 for configuration);



**Figure 13** – D&R Electronics – Intimidator Controller



**Figure 14** – Whelen – CenCom Sapphire Controller

## **SAMPIS MOBILE DATA TERMINAL DOCKING STATION**

**22.** All marked MP vehicles ***shall*** be equipped with a Security and Military Police Information System (SAMPIS) mobile data terminal (MDT) docking station. The docking station ***shall*** incorporate the following features:

- a. A locking device with key for the MDT laptop;
- b. Four powered Universal Serial Bus (USB) minimum or higher 2.0 ports;
- c. A heavy-duty adjustment locking system for distance, height, tilt and rotation; and
- d. An electronic swipe-card reader installed on the center console (see Figures 18 and 19).

23. When installed, the docking station **shall** not interfere with or prevent a second MP from being seated comfortably or safely in the front passenger seat.
24. When an MDT docking station is installed in the crew compartment of a marked MP vehicle, all connections **shall** be located underneath the docking station (e.g. serial port, USB 2.0 port).
25. The MDT vehicle modem **shall** be installed on the equipment tray. The modem antenna **shall** be installed on the rear part of the vehicle roof, centered with the width of the vehicle.

## **RADAR**

26. RADAR antennas **shall** be installed on the driver side. The front antenna **shall** be installed on the dashboard near the front roof pillar, and the rear antenna, on the deck board near the rear roof pillar. Antennas **shall** be secured by a metal bracket which allows the operator to adjust the angle of the antenna. *Figures 15A and 15B* are illustrated examples of the antenna bracket to be used.
27. RADAR module **shall** be installed on the center of the dashboard. The module **shall** be installed at an angle which allows the driver to see the module screen. The module **shall** be connected to the mobile vehicle recording system (MVRS) (unless the RADAR or the MVRS does not allow that) to ensure target speed, locked speed and MP vehicle speed are recorded on the MVRS. *Figure 16* provides an example of the position and angle.
28. The RADAR remote control **shall** be secured using Velcro™ on the left side of the upper section of the ergonomic console. *Figure 17* contains an illustrated example of the location of the remote control when secured.



***Figure 15A – Front RADAR antenna bracket and location***



**Figure 15B** – Rear RADAR antenna bracket and location



**Figure 16** – RADAR module location





*Figure 17 – RADAR remote control location*

#### **ERGONOMIC MID-CONSOLE LAYOUT**

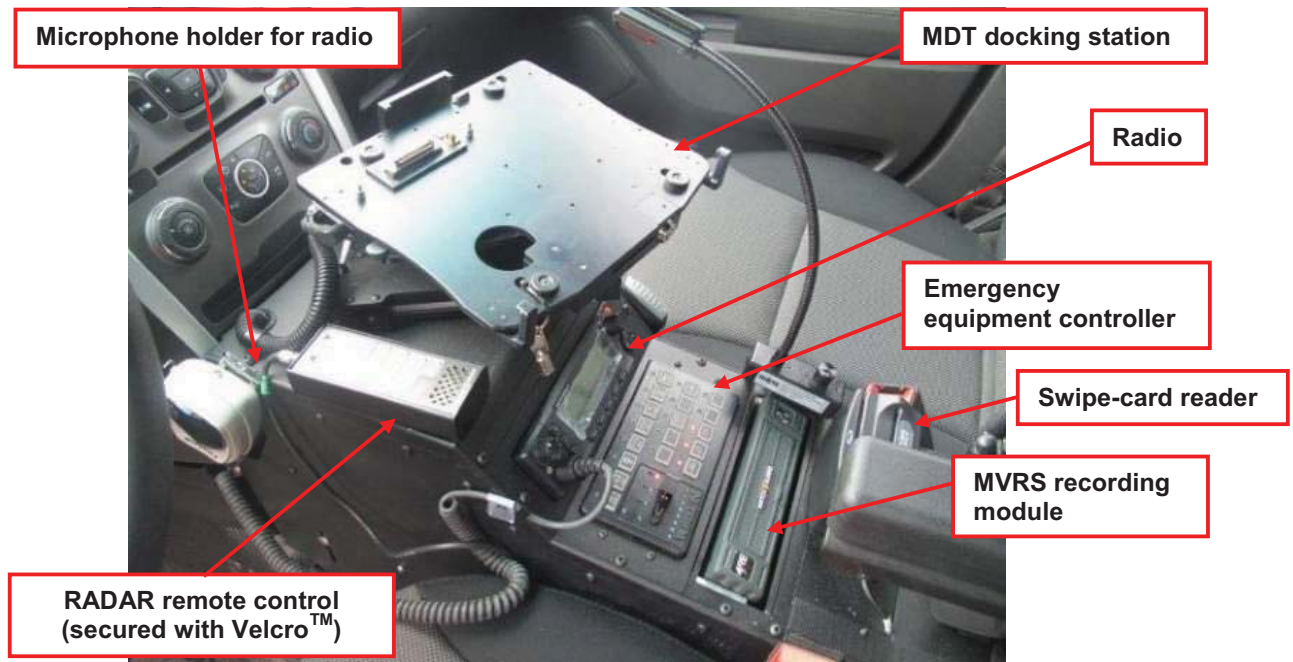
29. All marked MP vehicles **shall** be equipped with an ergonomic mid-console lower than the front seats height. The ergonomic mid-console **shall** be equipped with the following minimum features:

- a. Emergency equipment controller;
- b. Police radio and external speaker;
- c. MDT docking station
- d. Microphone holder for radio (driver's side), and microphone holder for PA system (passenger's side);
- e. Three 12-volt auxiliary power outlets (for accessories such as cell phone, alcohol screening device, etc.);
- f. LED goose-neck lamp with red and white lights;
- g. Arm rest;
- h. Two large cup holders;
- i. Velcro™ on the left side of the upper section of the ergonomic console to secure the RADAR remote control; and

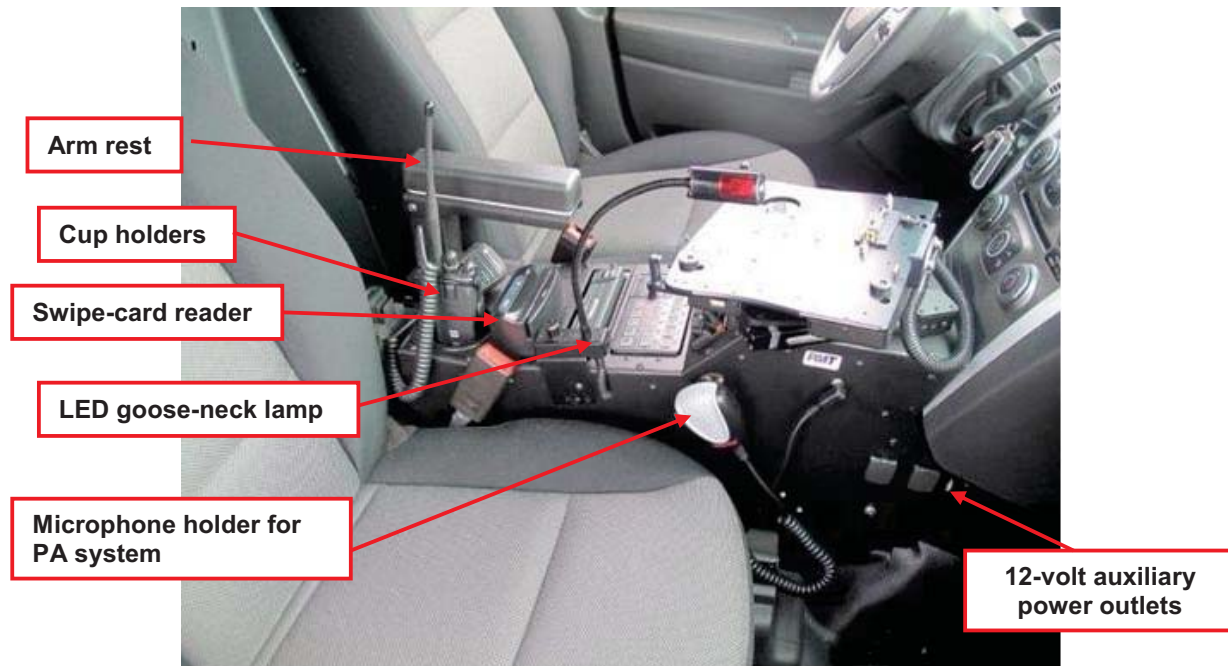
j. Electronic swipe-card reader (linked to the docking station).

30. The overhead ceiling console on all marked MP vehicles **shall** have a dome light equipped with both red and white lights.

31. *Figures 18 and 19* contain illustrated examples of ergonomic mid-console equipment configurations for use in Ford Police Interceptor Sedan marked MP vehicle. Although models and designs of commercially available ergonomic mid-consoles vary widely, the placement of police radio, emergency equipment controllers, and other features **shall** not vary from these diagrams.



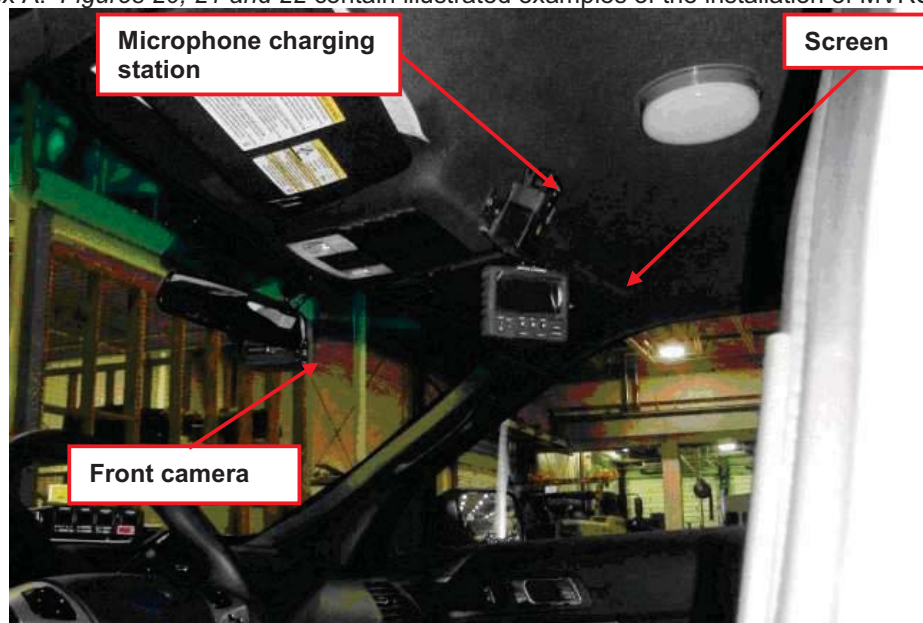
*Figure 18 – Ergonomic mid-console configuration example*



*Figure 19 – Ergonomic mid-console configuration example*

#### **MOBILE VEHICLE RECORDING SYSTEM (MVRS)**

32. The MVRS **shall** be installed in Ford Police Interceptor Sedan marked MP vehicle. Directions and specifications on MVRS can be founded in CF MP Gp Order 2-820 in Appendix 5 to Annex A. *Figures 20, 21 and 22* contain illustrated examples of the installation of MVRS.



*Figure 20 – MVRS modular system (front camera, microphone charging station and screen)*



**Figure 21** – MVRS modular system (recording module)



**Figure 22** – MVRS rear camera



## PRISONER CONTAINMENT EQUIPMENT

33. All Ford Police Interceptor Sedan marked MP vehicle ***shall*** be equipped with a “silent partner” security screen. Security screens ***shall*** include a recessed weapon storage panel and a sliding centre window and ***shall*** be compatible with all airbags including, but not limited to, side curtain airbags. *Figures 23 and 24* contain illustrated examples.



**Figure 23** – Security screens (with recessed weapon storage panel and sliding centre window)



**Figure 24** – Security screens (with sliding centre window and MVRS rear camera)

34. Rear passenger window barriers ***shall*** be installed and ***shall*** be compatible with all emergency equipment (i.e. window-mounted intersection lights). Window barriers ***shall*** be restrictive enough to prevent the escape of an arrested person or prisoner through the rear passenger windows. *Figures 25 and 26 contain illustrated examples.*



***Figure 25 – Window barriers***



**Figure 26** – Window barriers with window-mounted intersection lights

**PUSH BUMPER**

35. Marked MP vehicles **shall** be equipped with a push bumper. Push bumper **shall** have a black powder coated finish. Approved push bumper models are:

- a. Setina - Bodyguard PB-450-L with integrated front and side mounted LED LED (*Figure 27A*); or ;
- b. Pro-Guard - Universal Push Bumpers with Integrated, Whelen® ION™ LED 2 lighbars (*Figure 27B*).



**Figure 27A** – Setina – Bodyguard PB-450-L push bumper with integrated LED



**Figure 27B** – Pro-Guard - Universal push bumpers with integrated, Whelen® ION™ LED lightbars

#### INSTALLATION OF EMERGENCY EQUIPMENT

36. All installation of vehicle emergency equipment **shall** adhere to the following principles:
  - a. All installation of vehicle emergency equipment **shall** be warranted for at least one year after the date of delivery of the vehicle, including parts and labour;
  - b. All installation/user guides **shall** be provided by the supplier at the time of delivery;
  - c. All wiring **shall** be Canadian Standards Association / Society of Automotive Engineers (CSA/SAE) approved, clearly marked to indicate what each wire or cable connects to, and a detailed wiring diagram **shall** be provided at the time of the delivery; and
  - d. All equipment wiring **shall** be easily removable if vehicle body maintenance is necessary;
37. All equipment such as modem, radio, siren amplifier, controllers, modules, relay, fuses, etc., **shall** be mounted on a non-conducting equipment tray in the trunk or cargo area of the MP vehicle that meets the following specifications:
  - a. The equipment tray **shall** not impede access to the trunk or cargo area;
  - b. The equipment tray **shall** be easily removable to facilitate servicing of the equipment components. If not hidden behind a removable panel, the equipment tray **shall** either slide out or drop down for access;
  - c. The right side of the equipment tray **shall** contain IT equipment and the left side shall contain the power distribution/modules. Modem activity lights must not be obscured in



any way. A protective shield **shall** be installed in order to prevent any contact between the equipment in the trunk and the IT equipment; and

- d. At the time of installation, two wires (1 positive, 1 negative) **shall** be installed from the vehicle battery to the equipment tray. One meter of extra wiring shall be available in the rack/tray.

**38.** All equipment inside the vehicle **shall not** interfere with the deployment of the vehicle safety retention system (air-bags, seat belts, etc)

**39.** Examples of equipment trays for a Ford Police Interceptor Sedan marked MP vehicle are illustrated at *Figures 28 and 29*.



**Figure 28** – Trunk tray installation (overall view)



*Figure 29 – Trunk tray installation*

#### **POWER/IDLE MANAGEMENT SYSTEM**

40. The vehicle and emergency equipment shall be configured and installed in such a manner as to permit all on-board equipment (police radio, cell phone, police lights, MDT and modem, mobile vehicle recording system, and radar) to remain ON when the engine is shut-off and keys are removed. The power/idle management device shall prevent accidental battery drainage by starting automatically the vehicle engine, without keys, when the batteries are low.

#### **PATROL CARBINE VEHICLE STORAGE SYSTEM SPECIFICATIONS (PCVSS)**

##### **SECURE MOUNTING SYSTEMS**

41. Only a secure rack shall be used to secure carbines within Ford Police Interceptor Sedan marked MP vehicle. The approved secure racks consist of a mounting system that securely clamps around the barrel, front hand guard, or other portion of the carbine. These racks shall prevent the carbine from being removed by disassembling the upper and lower end receivers and shall also securely cover the trigger and magazine release buttons. Approved racks shall be located inside the vehicle trunk and secured horizontally on the equipment tray (see Figure 30 for example). The rack and the T-Rail shall be fastened in a tamper-resistant manner (tamper-proof bolt and nuts).



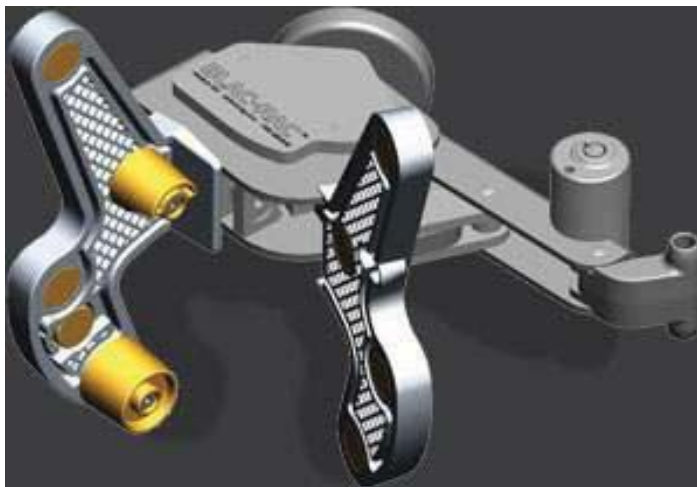
**Figure 30** – Trunk tray PCVSS installation example

#### APPROVED PVCSS EQUIPMENT

**42.** This document contains a list of PCVSS secure racks that have successfully undergone security testing and meet all the mandatory equipment criteria. Racks that are not listed in this document ***shall*** not be used to secure C8A3 patrol carbines in marked MP vehicles. The following mounting systems are the only approved PCVSS for use in Ford Sedan Police Interceptor marked MP vehicle:

- a. **Blac-Rac™ Model 1070 with External 3/8 inch Hasp:** This secure rack-type PCVSS is currently one of the three models approved for Police Interceptor Sedan marked MP vehicle:
  - (1). Installation of this secure rack-type PCVSS requires the Blac-Rac™ Model 1070 Tactical Weapons Rack with External 3/8 inch Hasp and Blac-Rac™ T-Rail System;
  - (2). In this configuration the rack ***shall*** be secured with a CF/DND-standard Abloy F283 (Model PL330) high security padlock; and
  - (3). The rack ***shall*** be installed on the T-Rail System which will be installed on the equipment tray in such a manner that the carbine is held horizontally;
- b. **Blac-Rac™ Model 1070 with Integral Lock:** This secure rack-type PCVSS is currently one of the three models approved for Police Interceptor Sedan marked MP vehicle and is illustrated at *Figure 31* below:
  - (1). Installation of this secure rack-type PCVSS requires the Blac-Rac™ Model 1070 Tactical Weapons Rack with Intergarl Lock and Blac-Rac™ T-Rail System;

- (2). In this configuration the rack is supplied with an integral high security double-sided (Pagoda style) cam lock. The rack is normally delivered with two identical keys (*Note: This is a proprietary lockset so extra keys cannot be made or copied locally. Key copying and re-keying can only be done by the manufacturer*); and
- (3). The rack **shall** be installed on the T-Rail System which will be installed on the equipment tray in such a manner that the carbine is held horizontally;



**Figure 31** - Blac-Rac™ Model 1070 with Integral Lockset (*key type not exactly as shown*)

- c. **Blac-Rac™ Model 1080M with Integral Lock:** This secure rack-type PCVSS is currently one of the three models approved for Police Interceptor Sedan marked MP vehicle and is illustrated at *Figures 32 to 35* below:
  - (1). Installation of this secure rack-type PCVSS requires the Blac-Rac™ Model 1080M Tactical Weapons Rack with Intergarl Lock and Blac-Rac™ T-Rail System;
  - (2). In this configuration the rack is supplied with an integral high security double-sided (Pagoda style) cam lock. The rack is normally delivered with two identical keys (*Note: This is a proprietary lockset so extra keys cannot be made or copied locally. Key copying and re-keying can only be done by the manufacturer*); and
  - (3). The rack **shall** be installed on the T-Rail System which will be installed on the equipment tray in such a manner that the carbine is held horizontally;



**Figure 32** - Blac-Rac™ Model 1080M with Integral Lockset (T-Rail and Single Point Mounting Base)



**Figure 33** - Blac-Rac™ Model 1080M with Integral Lockset





**Figure 34 - Blac-Rac™ Model 1080M with Integral Lockset**



**Figure 35 - Blac-Rac™ Model 1080M with Integral Lockset**

43. The use of electronic/electric release model (such as Blac-Rac™ Model 1080E) is prohibited.

#### **INSTALLATION OF PCVSS**

44. PCVSS storage systems ***shall*** be installed exactly as per the manufacturer's instructions. A key for the lock ***shall*** be attached to the vehicle key-chain. The key ***shall not*** be marked in any manner that gives away its function.

45. Any exposed mounting hardware (nuts, bolts, brackets, etc.) that, if unfastened, would allow the rack to be removed from the vehicle, **shall** be tamper-proofed. The method of tamper-proofing **shall** ensure that the rack cannot be removed in less than three minutes by a person of average mechanical skill using common hand-tools (e.g. screwdrivers, pry bars, hammers, hex keys, hacksaws and wrenches).

46. English installation instructions for Blac-Rac™ products are available from the manufacturer's [website](#); French installation instructions are available on request from the MP Transportation Authority. It must be noted that the manufacturer's instructions recommend the trigger guard of M4/M16/AR15 carbines be modified. This recommendation does not apply to C8A3. C8A3 trigger guards **shall not** be modified.

## PCVSS ALARM SYSTEM SPECIFICATIONS

47. Vehicle alarms **shall** be used to provide early warning of potential threats to weapon security. As such, every MP vehicle equipped with a PCVSS **shall** also be equipped with an alarm system that meets all of the following specifications:

- a. The alarm **shall** be controlled by a remote control/pager unit that incorporates the following features:
  - (1). Two-way range frequency shift keying FM technology capable of broadcasting a reliable signal from at least 500 metres (line of sight);
  - (2). Code hopping technology to counter scanning and signal-grabbing;
  - (3). The remote control/pager unit **shall** visually indicate the alarm status by means of status lights and/or LCD display. As a minimum, the unit **shall** be able to visually display the arm/disarm and alert status(remote battery and signal strength display, and remote alarm status query features are desirable but not mandatory);
  - (4). The remote control/pager unit **shall** provide an easily audible alert signal whenever the vehicle alarm is activated (an additional vibrating alert mode is highly desirable but not mandatory);
  - (5). The remote control/pager unit **shall** employ silent arm and disarm functions;
  - (6). The remote control/pager unit **shall** be able to function effectively in temperatures ranging from -40°C to + 40°C; and
  - (7). The remote control/pager unit **shall** be attached to the vehicle key fob.
- b. The alarm system **shall** incorporate the following sensors:
  - (1). Sensors capable of detecting glass breakage of any window (this may be done using glass-mounted sensors on all windows, by using one or more pressure change sensors, or by using one or more ultrasonic sensors);
  - (2). Sensors capable of detecting the opening of any door (including trunk lid) as a result of prying, lock picking or key/door handle use;
  - (3). All sensors **shall** be able to function effectively in in-car temperatures ranging from -40°C to + 85°C;
  - (4). All sensors employing technology to minimize false alarms caused by non-invasive vibrations;

- (5). An anti car-jacking feature (“immobiliser”) which will disable the ignition system of a stolen vehicle;
  - (6). A tamper-proof, alternate electrical source to power the main alarm;
  - (7). An LED indicator light in the vehicle to warn observers that an alarm is installed; and
  - (8). Sensors capable of detecting the opening of the vehicle hood.
- c. The overall PCVSS alarm system **shall**:
- (1). Be approved for sale and use in Canada in accordance with the *Radiocommunication Act*, the *Radiocommunication Regulations*, and applicable Industry Canada guidelines;
  - (2). Allow for full integration into the patrol vehicle’s electrical system without causing a significant draw from the power source (i.e. use low standby power consumption systems for the remote control/pager, sensors and primary alarm unit).
  - (3). be installed by a reputable and qualified installer.



## POLICE SUV OUTFITTING GUIDE

### MATERIALS AND DESIGN – STRIPING AND LETTERING

1. All lettering and striping **shall** be made from high-grade reflective vinyl (3M™ Scotchlite™ Removable Reflective Graphic Film with Comply™ Adhesive Series 680CR, or equivalent).
2. Font and striping **shall** be coloured as follows:
  - a. 3M™ 680CR-72 **Red** or equivalent; and
  - b. 3M™ 680CR-85 **Black** or equivalent.
3. Reflective conspicuity markings **shall** be constructed from prismatic conspicuity material (3M™ Diamond Grade™ Conspicuity Tape, or equivalent). They shall be coloured as follows:
  - a. 3M™ 983-10NL ES **White** or equivalent; or
  - b. 3M™ 983-32 ES **Red/White** or equivalent.
4. All vehicle lettering **shall** be formatted in Arial Black font and capitalized. It **shall** not be in bold.

### MATERIALS AND DESIGN – DOOR CRESTS

5. MP vehicle door crests **shall** comply with the following standards:
  - a. Only the approved MP vehicle door crest design specification **shall** be used for producing door crests for marked MP;
  - b. The MP vehicle door crests **shall** be screen-printed onto outdoor durable vinyl. The vinyl **shall** be easily removable with heat, leaving minimal residue. This material **shall** have an expected life of 5 to 7 years; and
  - c. If the size of the MP door crest must be modified to fit a particular vehicle type, care **shall** be taken to ensure the overall aspect ratio is not altered (the height in relation to the width).

### GRAPHIC SPECIFICATIONS AND DIMENSIONS – SIDE VIEW

6. The following graphic specifications and dimensions **shall** be adhered to for the side view of Ford Police Interceptor Utility marked MP vehicles:
  - a. **Graphics – Side Striping:** 1 inch high (top) and 2 inches high (bottom), red in colour, affixed to left and right side of vehicle as per *Figure 1* below;

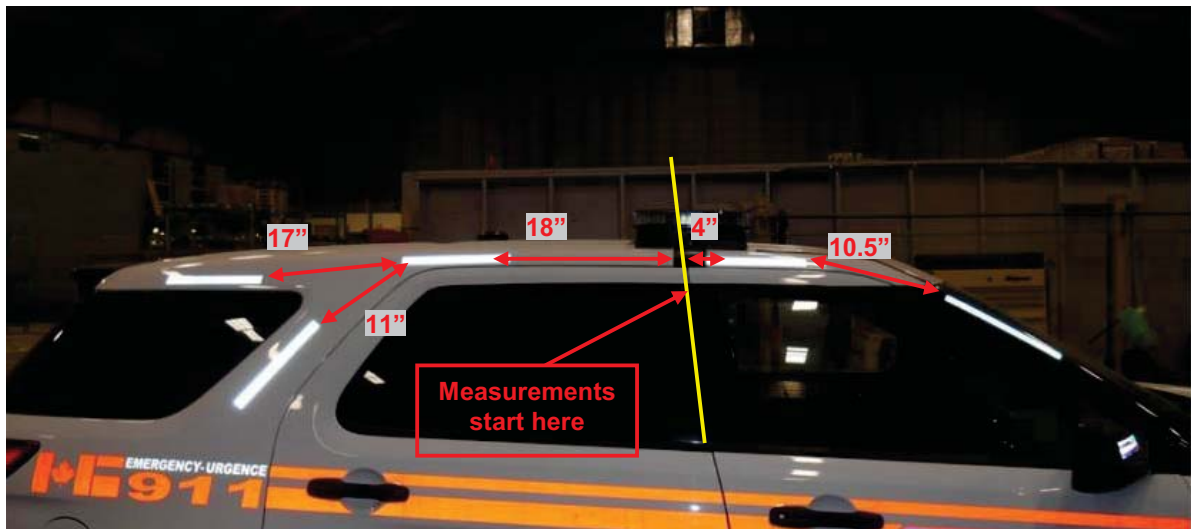
- b. **Graphics – Door Crests:** 16 inches high x 12 3/4 inches wide, affixed to driver and front passenger doors, as per *Figure 1* below;
- c. **Graphics – Canadian Flag:** 4 inches high x 8 inches wide, red in colour, affixed to left and right rear quarter panels as per *Figure 1* below;
- d. **Font – “POLICE”:** 4 inches high, Arial Black 404 pitch, black in colour, affixed to left and right front fenders as per *Figure 1* below;
- e. **Font – “EMERGENCY – URGENCY”:** 1 inch high, Arial Black 100 pitch, black in colour, affixed to left and right rear quarter panels as per *Figure 1* below;
- f. **Font – “911”:** 2 3/4 inches high, Arial Black 274 pitch, red in colour, affixed to left and right rear quarter panels as per *Figure 3A* below; and

**NOTE:** *In locations where 911 telephone services is not available, the base/wing MP unit emergency telephone number shall be substituted as per Figure 3B below. When applicable this information will be provided in each DND 626 TASKING.*

- g. **Conspicuity Marking:** Five 1 inch high x 12 wide reflective conspicuity stripes, white in colour, shall be affixed to roof ridge, front and rear pillars as per *Figures 2* below;



**Figure 1 – Side view**



*Figure 2 – White high conspicuity marking locations*



*Figure 3A – Emergency telephone marking (where 911 service is available)*



*Figure 3B – Alternate emergency telephone marking (where 911 service is not available)*

## GRAPHIC SPECIFICATIONS AND DIMENSIONS – FRONT VIEW

7. The following graphic specifications and dimensions shall be adhered to for the front view of all marked MP vehicles:
  - a. **Font – “POLICE”:** 4 inches high, Arial Black 404 pitch, **printed in reverse**, black in colour, affixed to leading edge of the hood, as per *Figure 4* below;
  - b. **Conspicuity Marking:** One conspicuity reflective stripe, 1 inch high x 6 inches wide , white in colour, placed on the external face of the left and right side mirrors as per *Figure 4* below; and
  - c. **Conspicuity Marking:** Two reflective conspicuity stripes, 2 inches high x 6 inches wide, alternating between two red rectangles and one white rectangle, affixed to both sides of the front bumper as per *Figure 4* below.



*Figure 4 –Front view*

#### GRAPHIC SPECIFICATIONS AND DIMENSIONS – REAR VIEW

8. The following graphic specifications and dimensions **shall** be adhered to for the rear view of Ford Police Interceptor Utility marked MP vehicles:

- a. **Font – “POLICE”:** 2 5/8 inches high, Arial Black 264 pitch, black in colour, affixed to the left side of the rear lift gate or door, as per *Figure 5* below;
- b. **Font – “MILITARY MILITAIRE”:** 1 3/4 inches high, Arial Black 178 pitch, black in colour, affixed to the left side of the rear lift gate or door, as per *Figure 5* below;
- c. **Graphics – Canadian Flag:** 3 inches high x 6 inches wide, red in colour, affixed to the right side of the rear lift gate or door, as per *Figure 5* below; and
- d. **Conspicuity markings:** One “rectangular style” reflective conspicuity stripe, 2 inches high x 6 inches wide, consisting of alternating red and white rectangles, affixed to the rear bumper as per *Figure 5* below.
- e. **Conspicuity Markings:** One “chevron style” reflective conspicuity stripe, 3” or 4”H, consisting of alternating red and white diagonal stripes, affixed to the rear bumper as per *Figure 5A* below.



*Figure 5 – Rear view*



*Figure 5A –Rear view - Alternate rear conspicuity marking*



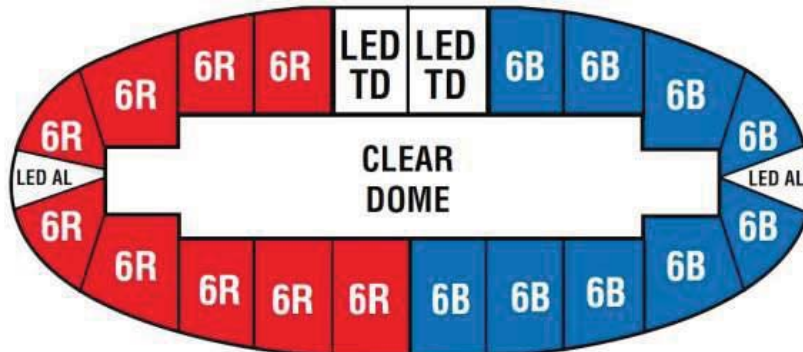
## POLICE LIGHTS – GENERAL

9. Ford Police Interceptor Utility marked MP vehicles **shall** be equipped with the following minimum police lights:
- a. A primary roof light bar system;
  - b. Four “wig-wag” strobe lights, white in colour, mounted inside the headlight housings at front and mounted in the tail lamp flasher at rear; ;
  - c. Two hide-away strobe lights, white in color, mounted in the front signal light housings and two hide-away strobe lights, red and blue in colour, mounted in the rear back-up light housings;
  - d. Two external front intersection strobe lights, red and blue in colour, mounted on the left and right of the push bumper;
  - e. Two rear intersection strobe lights, red and blue in colour, mounted in the left and right rear passenger windows; ;
  - f. Front grille strobe lights, red and blue in colour mounted in the front part of the push bumper;
  - g. External rear spoiler light, red and blue in colour (installed under the spoiler); and
  - h. Grommet/flush mount trunk lid warning lights, red and blue in colour, mounted on the underside of the trunk lid.
10. All police lights used on MP vehicles **shall** be comprised of Gen III Light-Emitting Diodes (LED) or better, unless otherwise directed in this appendix.
11. All external parts **shall** be waterproof.
12. All police lights **shall** be installed to ensure the red colour is on the driver’s side and the blue colour is on the passenger’s side.
13. Amber-coloured traffic directors **shall not** be installed. Traffic director lights integrated with roof lights shall be red and blue in colour.
- .

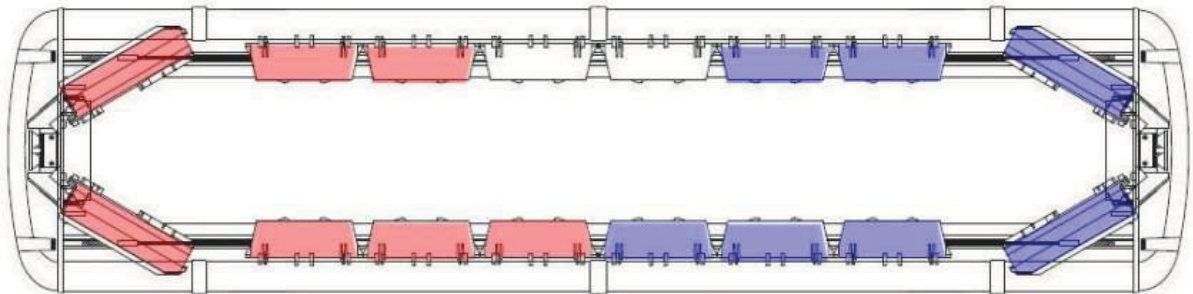
## RECOMMENDED POLICE LIGHT PARTS

14. The following list contains the recommended manufacturers and models of police lighting systems that **shall** be used for for marked MP vehicles:
- a. **Roof lights:**
    - (1). *Federal Signal – Arjent® S2 Light Bar*, with clear cover and top dome (see *Figure 6* for configuration);
    - (2). *D&R Electronic® - PL-46 Prowler* (see *Figure 7* for configuration);
    - (3). *Whelen® – Justice® Competitor™ Series Super-LED®* (see *Figure 8* for configuration);

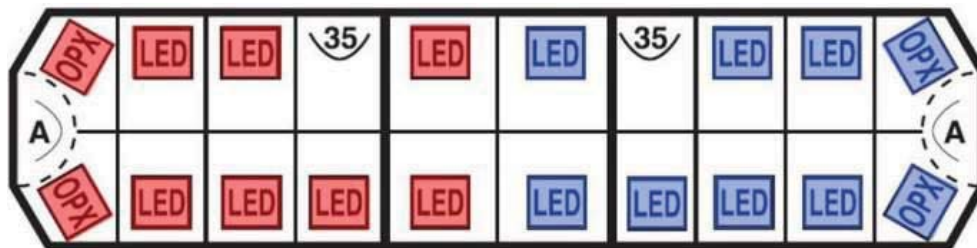




**Figure 6 – Federal Signal – Arjent® S2 Light Bar configuration**



**Figure 7 – D&R Electronic® - PL-46 Prowler (see Figure 7 for configuration);**



**Figure 8 – Whelen® – Justice Competitor™ Series Super-LED® configuration**

**b. Hide-away Lights:**

- (1). Whelen® – Universal LED Hideaway™ or equivalent; or
- (2). Federal Signal – Corner LED Lighting or equivalent; or
- (3). D&R Electronic® - SL61L-X.

**c. External front intersection lights (if not built in the push bumper)::**

- (1). Whelen® - TIR3™ Series Lighthouse or equivalent; or

(2). Code 3® - XT3 Series or equivalent; or

(3). D&R Electronics® – MR61LJB – A.

**d. Rear Intersection Lights:**

(1). D&R Electronics® – MR6LTL – Explorer or equivalent; or

(2). Whelen® – Dominator™ TIR3™ Series, model D2\*\* or equivalent; or

(3). Code 3® – XT3 Series.

**e. Rear spoiler lights:**

(1). D&R Electronics® – MR6LTL– Explorer or equivalent; or

(2). Whelen® – outlet Edge Spoiler LED Lightbar (9 LED) or equivalent; or

(3). Code 3® – Citadel LED lighting Series (9 LED).

**f. Front Grill Lights (if not built in the push bumper):**

(1). Whelen® – TIR3™ Series Lighthouse. or equivalent; or;

(2). D&R Electronics® – MR6LTL or equivalent; or

(3). Code 3 – XT3 Series or equivalent; or equivalent.

**g. Grommet/flush mount trunk lights;**

(1). Whelen® - 5G Series Super-LED® Grommet Mount Lighthouse or equivalent; or

(2). Code 3® - Torus Lighthouses, Flush-Mount or equivalent; or

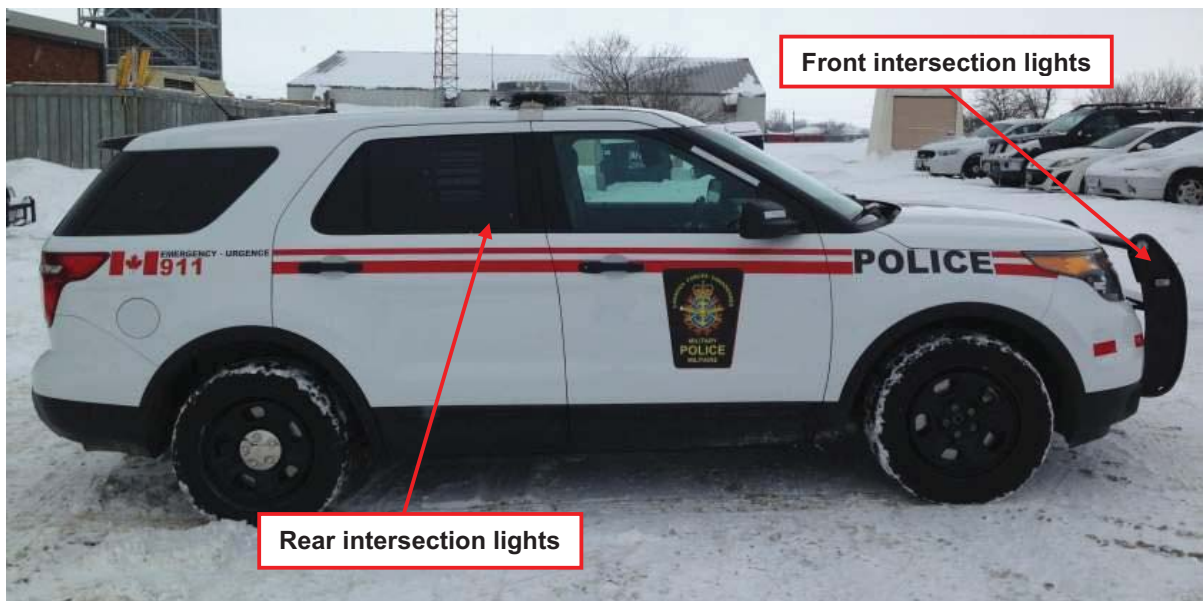
(3). D&R Electronic® - MR6LJBF-X Flush mount.

**POLICE LIGHTS – CONFIGURATION STANDARDS**

15. Ford Police Interceptor Utility marked MP vehicle **shall** have in both roof-light-equipped and “slick-top” configurations as illustrated in *Figures 9 to 12* below;

16. Ford Police Interceptor Utility marked MP vehicle **shall** have grommet/flush trunk lights installed under the cargo door to ensure maximum visibility on the roadside when the cargo door is open (see *Figure 12*).

17. Police lights **shall** be configured as specified in this document. The MP Transportation Authority **shall** be consulted should any questions regarding configuration standards arise.



*Figure 9 – Ford Police Interceptor Utility - Side view*



*Figure 10 – Ford Police Interceptor Utility - Front view*



*Figure 11 – Ford Police Interceptor Utility - Rear view*



*Figure 12 – Ford Police Interceptor Utility – Grommet trunk lid lights*

## SIRENS AND PUBLIC ADDRESS SYSTEMS

18. Ford Police Interceptor Utility marked MP vehicle **shall** be equipped with an electronic siren and a public address (PA) system that meet the following specifications:

- a. The electronic siren **shall** include “air horn”, “piercer”, “wail”, and “yelp” tones and a Hi-lo” is optional ;
- b. All siren tones **shall** be activated by pressing the horn switch on the steering wheel and by using the appropriate button on the emergency equipment controller;
- c. The air horn **shall** be activated by a button situated on the emergency equipment controller; and
- d. The siren and PA system **shall** operate with at least a 100-watt speaker concealed under the hood area.

## EMERGENCY EQUIPMENT CONTROLLERS

19. The emergency equipment controller installed in all marked MP vehicles **shall** have the following features:

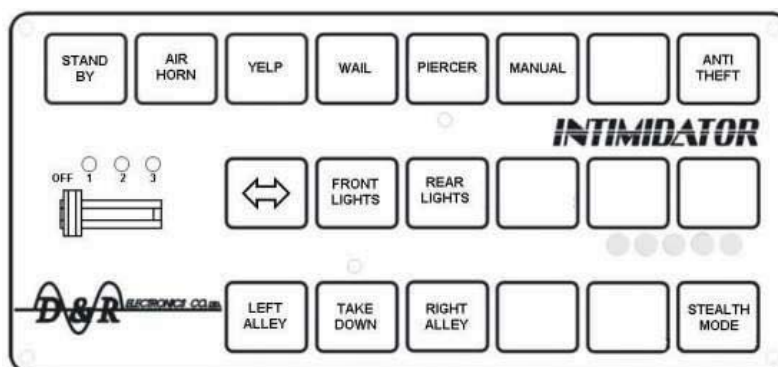
- a. Siren buttons: “manual”, “stand-by”, “air horn”, “piercer”, “wail”, “yelp”, and “hi-lo” ( if this siren tone is available). Function assignment for buttons **shall** follow the layout examples in *Figures 13 to 14*;
- b. A 3-position slide switch for activating police lights in various customizable configurations:
  - (1). **Position 1:** All rear-mounted police lights activated (hide-away, rear tail lights flasher, rear visor / traffic director on warning mode, deck lights) and all intersection lights activated;
  - (2). **Position 2:** All front-mounted police lights activated (hide-away, wig-wag, grille lights and front visor) and all intersection lights activated; and
  - (3). **Position 3:** All police lights activated (including roof light bar, front visor, and rear visor / traffic director on warning mode);
- c. Traffic director (“arrow”) lights **shall** be configured as follows:
  - (1). Press one time: Move traffic to the left;
  - (2). Press a second time: Move traffic to the right; and
  - (3). Press a third time: “Warning” mode.
- d. Alley and take-down lights ( if equipped);
- e. Anti-theft device / power / idle management device;; and
- f. Stealth/black-out mode (deactivates all vehicle lights except emergency lights).

20. Function assignment for all buttons and switches on the emergency equipment controllers **shall** follow the layout examples in *Figures 13 to 14*.

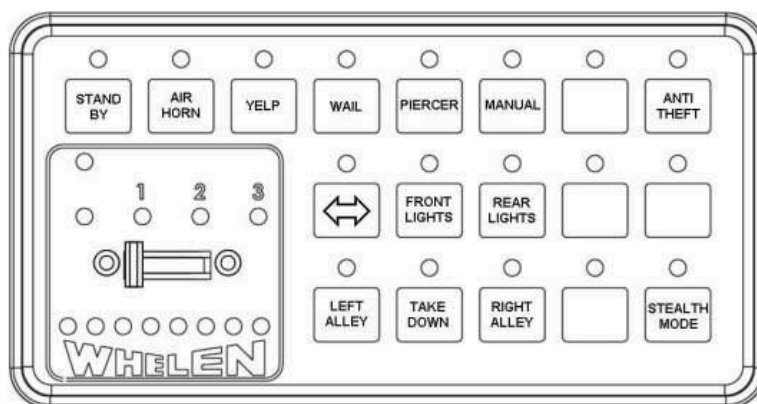


21. The following list contains the recommended manufacturers and models of emergency equipment controllers for marked MP vehicles:

- a. *D&R Electronics – Intimidator, model F3.3150S (see Figure 13 for configuration);*
- b. *Whelen – CenCom Sapphire Siren and Light Controller, model CCSRN3 (see Figure 14 for configuration);*



**Figure 13 – D&R Electronics – Intimidator Controller**



**Figure 14 – Whelen – CenCom Sapphire Controller**

#### **SAMPIS MOBILE DATA TERMINAL DOCKING STATION**

22. All marked MP vehicles **shall** be equipped with a Security and Military Police Information System (SAMPIS) mobile data terminal (MDT) docking station. The docking station **shall** incorporate the following features:

- a. A locking device with key for the MDT laptop,
- b. Four powered Universal Serial Bus (USB) minimum or higher 2.0 ports
- c. A heavy-duty adjustment locking system for distance, height, tilt and rotation; and



- d. an electronic swipe-card reader installed on the center console (see Figures 18 and 19).
23. When installed, the docking station **shall** not interfere with or prevent a second MP from being seated comfortably or safely in the front passenger seat.
24. When an MDT docking station is installed in the crew compartment of a marked MP vehicle, all connections **shall** be located underneath the docking station (e.g. serial port, USB 2.0 port).
25. The MDT vehicle modem **shall** be installed on the equipment tray. The modem antenna **shall** be installed on the rear part of the vehicle roof, centered with the width of the vehicle.

## **RADAR**

26. RADAR antennas **shall** be installed on the driver side. The front antenna **shall** be installed on the dashboard near the front roof pillar, and the rear antenna, on the rear cargo area near the window. Antennas **shall** be secured by a metal bracket which allows the operator to adjust the angle of the antenna. *Figure 15A, B, C*, is an illustrated example of the antenna bracket to be used.
27. A RADAR module **shall** be installed on the center of the dashboard. The module **shall** be installed at an angle which allows the driver to see the module screen. The module **shall** be connected to the mobile vehicle recording system (MVRS) (unless the RADAR or the MVRS does not allow that) to ensure target speed, locked speed and MP vehicle speed are recorded on the MVRS. *Figure 16* provides an example of the position and angle.
28. The RADAR remote control **shall** be secured using Velcro™ on the left side of the upper section of the ergonomic console. *Figure 17* contains an illustrated example of the location of the remote control when secured.



***Figure 15A – Front RADAR antenna bracket***



**Figure 15B** – Rear RADAR antenna bracket



**Figure 15C** – Rear RADAR antenna location



*Figure 16 – RADAR module location*



*Figure 17 – RADAR remote control location*

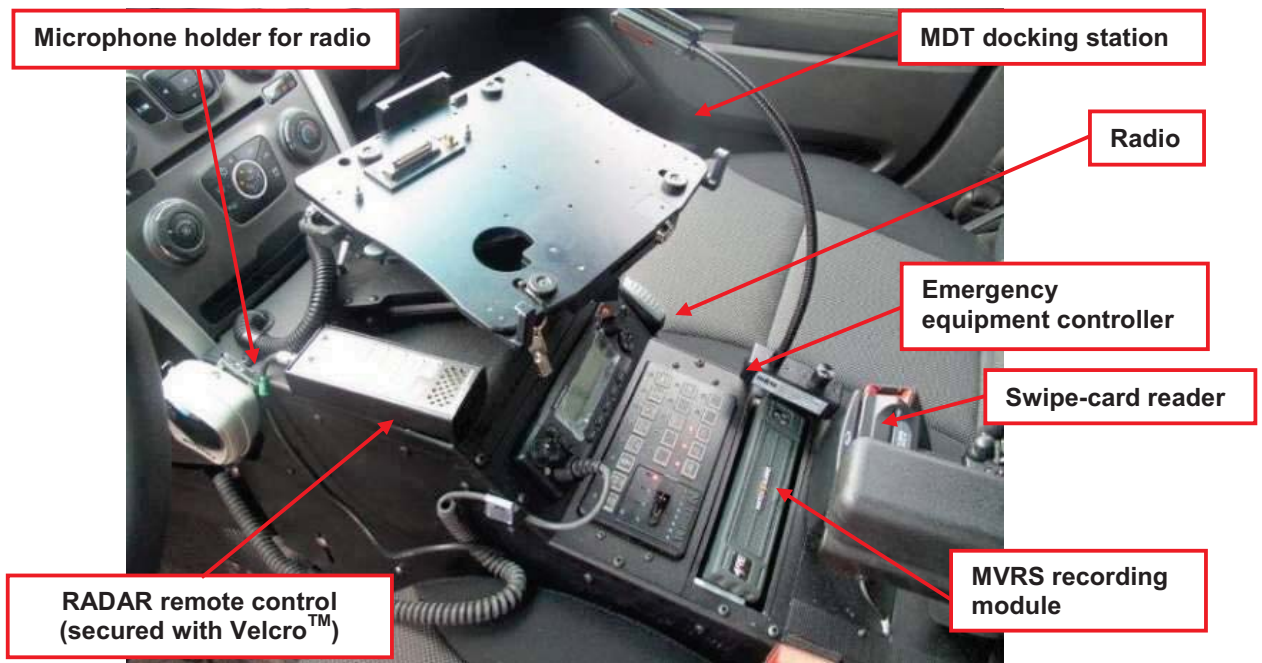
## ERGONOMIC MID-CONSOLE LAYOUT

**29.** All marked MP vehicles **shall** be equipped with an ergonomic mid-console lower than the front seats height. The ergonomic mid-console **shall** be equipped with the following minimum features:

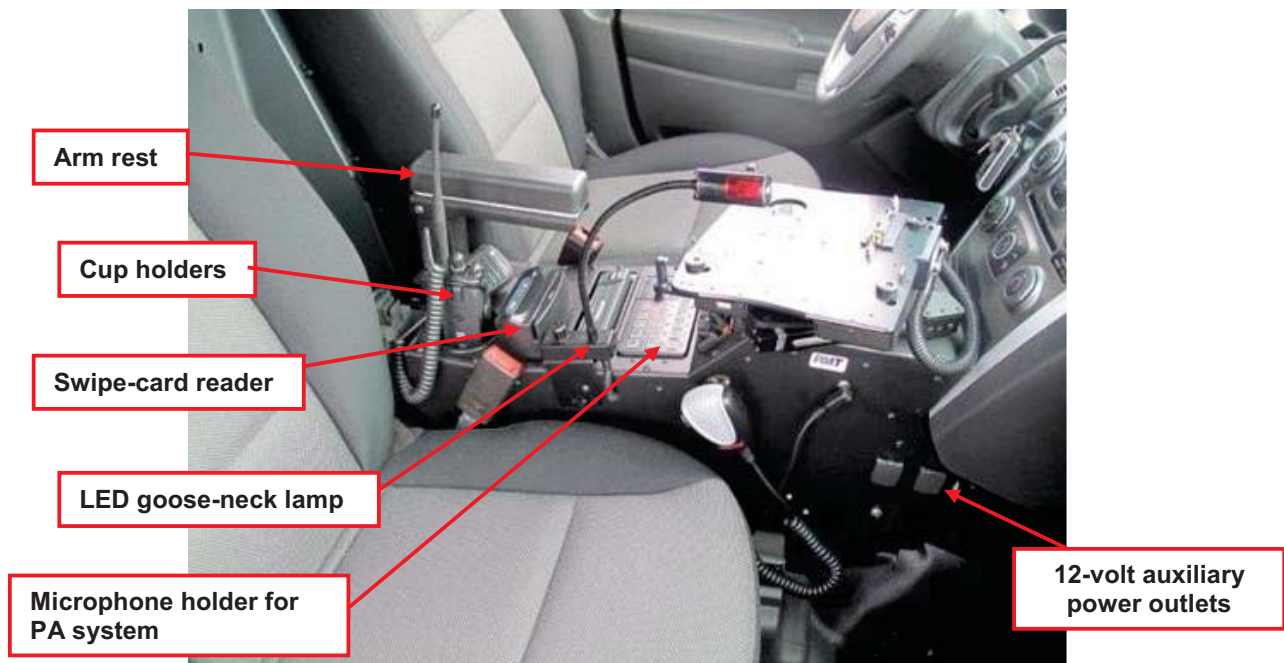
- a. Emergency equipment controller;
- b. Police radio and external speaker;
- c. MDT docking station;
- d. Microphone holder for radio (driver's side), and microphone holder for PA system (passenger's side);
- e. Three 12-volt auxiliary power outlets (for accessories such as cell phone, alcohol screening device, etc.);
- f. LED goose-neck lamp with red and white lights;
- g. Arm rest;
- h. Two large cup holders.
- i. Velcro™ on the left side of the upper section of the ergonomic console to secure the RADAR remote control; and
- j. Electronic swipe-card reader (linked to the docking station).

**30.** The overhead ceiling console on all marked MP vehicles **shall** have a dome light equipped with both red and white lights.

**31.** *Figures 18 and 19* contain illustrated examples of ergonomic mid-console equipment configurations for use in Ford Police Interceptor Utility marked MP vehicle. Although models and designs of commercially available ergonomic mid-consoles vary widely, the placement of police radio, emergency equipment controllers, and other features **shall** not vary from these diagrams.



*Figure 18 – Ergonomic mid-console configuration example*

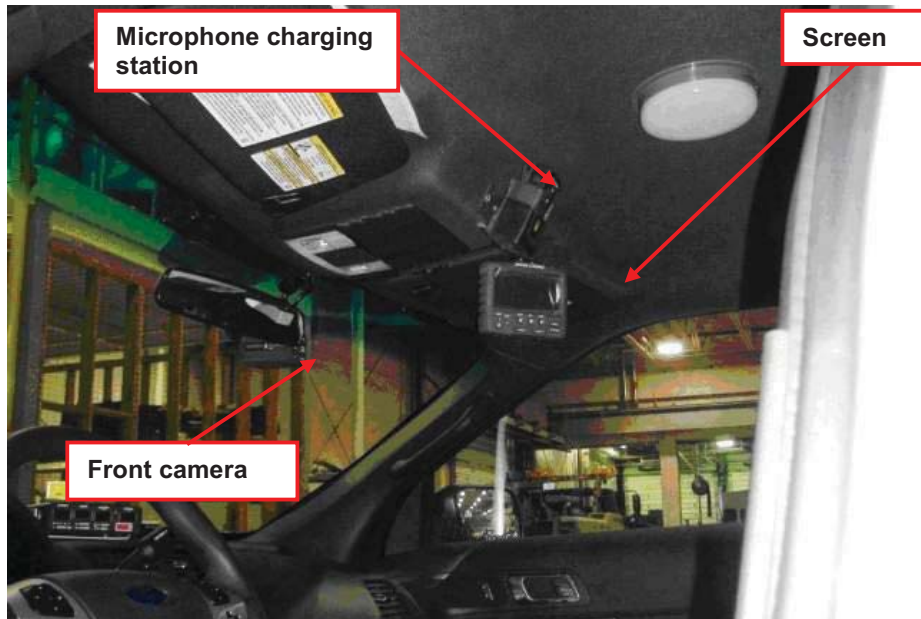


*Figure 19 – Ergonomic mid-console configuration example*



## MOBILE VEHICLE RECORDING SYSTEM (MVRS)

32. The MVRS ***shall*** be installed in Ford Police Interceptor Utility marked MP vehicle. Directions and specifications on MVRS can be founded in CF MP Gp Order 2-820 in Appendix 4 to Annex A . *Figures 20, 21 and 22* contain illustrated examples of the installation of MVRS.



**Figure 20** –MVRS modular system (front camera, microphone charging station and screen)



**Figure 21** – MVRS modular system (recording module)





*Figure 22 – MVRS rear camera*

#### **PRISONER CONTAINMENT EQUIPMENT**

**33.** All Ford Police Interceptor Utility marked MP vehicles **shall** be equipped with a “silent partner” security screen. Security screens **shall** include a recessed weapon storage panel and a sliding centre window and **shall** be compatible with all airbags including, but not limited to, side curtain airbags. *Figures 23 and 24* contain illustrated examples.



**Figure 23** – Security screens (with recessed weapon storage panel and sliding centre window)



**Figure 24** – Security screens (with sliding centre window and MVRS rear camera)

34. Rear passenger window barriers **shall** be installed in all MP vehicles intended to transport arrested persons or prisoners. Window barriers **shall** be compatible with all emergency

equipment (i.e. window-mounted intersection lights). Window barriers ***shall*** be restrictive enough to prevent the escape of an arrested person or prisoner through the rear passenger windows. *Figures 25 and 26* contain illustrated examples.



*Figure 25 – Window barriers*



**Figure 26** – Window barriers with window-mounted intersection lights

#### **CARGO BARRIERS – SUV-TYPE MP VEHICLES**

35. All SUV-type marked MP vehicles **shall** have a cargo barrier installed in the rear cargo area. The cargo barrier **shall** be compatible with all airbags including, but not limited to, side curtain airbags.
36. The cargo barrier **shall** not impede access to the storage area of the vehicle, nor shall it incorporate an A-frame or additional support arms. Electronic equipment **shall not** be installed on the cargo barrier.
37. *Figure 27* illustrates an example of an **acceptable** cargo barrier installation.



**Figure 27** – Example of the approved cargo barrier installation in an SUV-type marked MP vehicle

#### **PUSH BUMPER**

38. Marked MP vehicles **shall** be equipped with a push bumper. Push bumper **shall** have a black powder coated finish. Approved push bumper models are:
- a. Setina - Bodyguard PB-450-L with integrated front and side mounted LED (*Figure 28A*) ;  
or
  - b. Pro-Guard - Universal Push Bumpers with Integrated, Whelen® ION™ 2 LED lightbars (*Figure 28B*).



**Figure 28A** – Setina – Bodyguard PB-450-L push bumper with integrated LED



**Figure 28B** – Pro-Guard - Universal push bumpers with integrated, Whelen® ION™ LED lightbars

## INSTALLATION OF EMERGENCY EQUIPMENT

39. All installation of vehicle emergency equipment **shall** adhere to the following principles:

- a. All installation of vehicle emergency equipment **shall** be warranted for at least one year after the date of delivery of the vehicle, including parts and labour;
  - b. All installation/user guides **shall** be provided by the supplier at the time of delivery;
  - c. All wiring **shall** be Canadian Standards Association / Society of Automotive Engineers (CSA/SAE) approved, clearly marked to indicate what each wire or cable connects to, and a detailed wiring diagram shall be provided at the time of the delivery;
  - d. All equipment wiring **shall** be easily removable if vehicle body maintenance is necessary; and
40. All equipment such as modem, radio, siren amplifier, controllers, modules, relay, fuses, etc., **shall** be mounted on a non-conducting equipment tray in the trunk or cargo area of the MP vehicle that meets the following specifications:
- a. The equipment tray **shall not** impede access to the trunk or cargo area;
  - b. The equipment tray **shall** be easily removable to facilitate servicing of the equipment components. If not hidden behind a removable panel, the equipment tray shall either slide out or drop down for access;
  - c. The right side of the equipment tray **shall** contain IT equipment and the left side **shall** contain the power distribution/modules. Modem activity lights **shall not** be obscured in any way. A protective shield **shall** be installed in order to prevent any contact between the equipment in the trunk and the IT equipment; and
  - d. At the time of installation, two wires (1 positive, 1 negative) **shall** be installed from the vehicle battery to the equipment tray. One meter of extra wiring shall be available in the rack/tray.
41. All equipment inside the vehicle **shall not** interfere with the deployment of the vehicle safety retention system (air-bags, seat belts, etc).
42. The layout of SUV-type marked MP vehicles precludes the use of an equipment tray. As such, equipment **shall** be installed in these types of vehicles in the following manner:
- a. Equipment **shall** be installed on a Cabinet Sub frame with Electronics Sub Panel Mount;
  - b. The sub frame **shall** be made from metal and with metal cover to close the cabinet area;
  - c. Sub frame **shall** be fastened on vehicle frame **with tamper-proof nuts and bolts**; and
  - d. Opening panel **shall** be secured to avoid bouncing.
43. The following models are approved for use as subframes with electronics sub panel mount:
- a. *D&R Electronics® - 933-0092A Cabinet Subframe with Electronics Sub Panel Mount and subframe mount panel - 933-0097A; or*
  - b. *Havis Products® - Premium Fold Up Cargo Plate installation.*



44. Storage cabinets **shall not** be installed in the cargo area of Ford Police Interceptor Utility marked MP vehicle.

45. Example of Electronics Sub Panel Mount for a Ford Police Interceptor Utility marked MP vehicle is illustrated at *Figure 29*.



*Figure 29 – D&R Electronics - Electronics Sub Panel Mount installation*

#### **POWER/IDLE MANAGEMENT SYSTEM**

46. The vehicle and emergency equipment **shall** be configured and installed in such a manner as to permit all on-board equipment (police radio, cell phone, police lights, MDT and modem, mobile vehicle recording system, and radar) to remain ON when the engine is shut-off and keys are removed. The power/idle management device **shall** prevent accidental battery drainage by starting automatically the vehicle engine, without keys, when the batteries are low.

#### **PATROL CARBINE VEHICLE STORAGE SYSTEM SPECIFICATIONS (PCVSS)**

##### **SECURE MOUNTING SYSTEMS**

47. Only a secure rack **shall** be used to secure carbines within Ford Police Interceptor Utility marked MP vehicle. The approved secure racks consist of a mounting system that securely clamps around the barrel, front hand guard, or other portion of the carbine. These racks **shall** prevent the carbine from being removed by disassembling the upper and lower end receivers and should also securely cover the trigger and magazine release buttons. Approved racks **shall** be located inside the vehicle trunk and secured horizontally on the electronics sub panel mount lid (see *Figures 30 and 31*). The rack and the T-Rail **shall** be fastened in a tamper-resistant manner (tamper-proof bolt and nuts).



**Figure 30** - D&R Electronics® - Electronics Sub Panel Mount with PCVSS installation



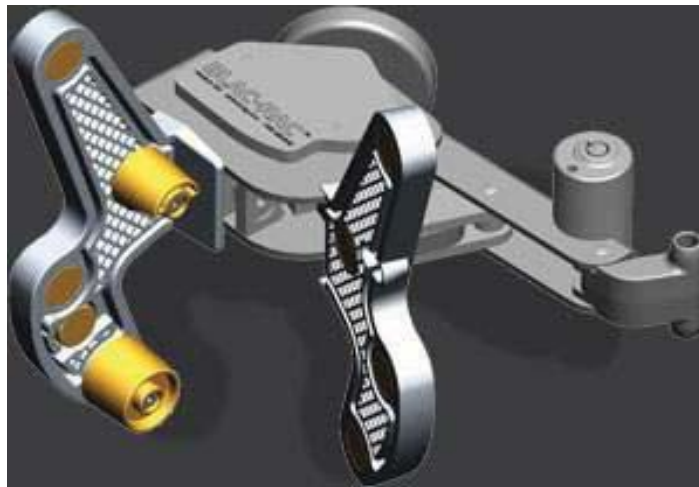
**Figure 31** - D&R Electronics® - Electronics Sub Panel Mount with PCVSS installation

#### APPROVED PVCSS EQUIPMENT

**48.** This document contains a list of PCVSS secure racks that have successfully undergone security testing and meet all the MP mandatory equipment criteria. Racks that are not listed in this document **shall not** be used to secure C8A3 patrol carbines in marked MP vehicles. The following mounting systems are the only approved PCVSS for use in Utility marked MP vehicle:

- a. **Blac-Rac™ Model 1070 with External 3/8 inch Hasp:** This secure rack-type PCVSS is currently one of the three models approved for Police Interceptor Utility marked MP vehicle:

- (1). Installation of this secure rack-type PCVSS requires the Blac-Rac™ Model 1070 Tactical Weapons Rack with External 3/8 inch Hasp and Blac-Rac™ T-Rail System;
  - (2). In this configuration the rack shall be secured with a CF/DND-standard Abloy F283 (Model PL330) high security padlock;
  - (3). The rack shall be installed on the T-Rail System which will be installed on the equipment tray in such a manner that the carbine is held horizontally; and
  - (4). The T-Rail system shall be cut to ensure it allows the D&R Electronics® - 933-0092A cabinet subframe with electronics sub panel mount to open.
- b. **Blac-Rac™ Model 1070 with Integral Lock:** This secure rack-type PCVSS is currently one of the three models approved for Police Interceptor Utility marked MP vehicle and is illustrated at *Figure 31* below:
- (1). Installation of this secure rack-type PCVSS requires the Blac-Rac™ Model 1070 Tactical Weapons Rack with Integral Lock and Blac-Rac™ T-Rail System;
  - (2). In this configuration the rack is supplied with an integral high security double-sided (Pagoda style) cam lock. The rack is normally delivered with two identical keys (Note: This is a proprietary lockset so extra keys cannot be made or copied locally. Key copying and re-keying can only be done by the manufacturer;
  - (3). The rack shall be installed on the T-Rail System which will be installed on the equipment tray in such a manner that the carbine is held horizontally; and
  - (4). The T-Rail System shall be cut to ensure it allows the D&R Electronics® - 933-0092A cabinet subframe with electronics sub panel mount to open.



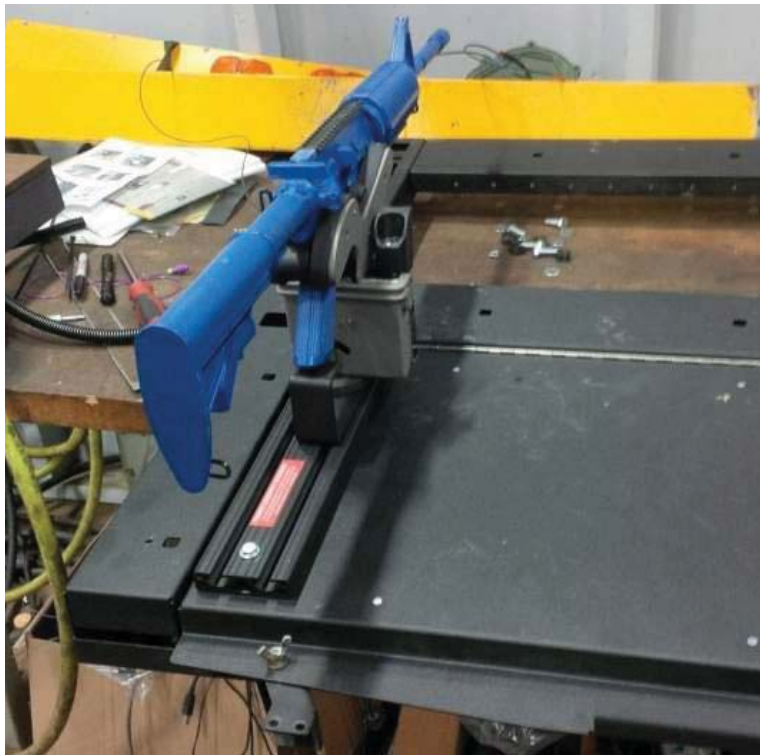
**Figure 32** - Blac-Rac™ Model 1070 with Integral Lockset (key type not exactly as shown)

- c. **Blac-Rac™ Model 1080M with Integral Lock:** This secure rack-type PCVSS is currently one of the three models approved for Police Interceptor Utility marked MP vehicle and is illustrated at *Figures 33 and 34* below:

- (1). Installation of this secure rack-type PCVSS requires the Blac-Rac™ Model 1080M Tactical Weapons Rack with Intergarl Lock and Blac-Rac™ T-Rail System;
- (2). In this configuration the rack is supplied with an integral high security double-sided (Pagoda style) cam lock. The rack is normally delivered with two identical keys (*Note: This is a proprietary lockset so extra keys cannot be made or copied locally. Key copying and re-keying can only be done by the manufacturer*);
- (3). The rack ***shall*** be installed on the T-Rail System which will be installed on the equipment tray in such a manner that the carbine is held horizontally; and
- (4). T-Rail System ***shall*** be cut to ensure it allow the D&R Electronics® - 933-0092A Cabinet Subframe with Electronics Sub Panel Mount to open.



**Figure 33** – Example of Blac-Rac™ T-Rail and Blac-Rac™ Model 1080M with integral lock on the D&R Electronics® - Electronics Sub Panel Mount



**Figure 34** – Example of Blac-Rac™ T-Rail and Blac-Rac™ Model 1080M with integral lock on the D&R Electronics® - Electronics Sub Panel Mount

49. The use of electronic/electric release model (such as Blac-Rac™ Model 1080E) is prohibited.

#### INSTALLATION OF PCVSS

50. PCVSS storage systems shall be installed exactly as per the manufacturer's instructions. A key for the lock shall be attached to the vehicle key-chain. The key shall not be marked in any manner that gives away its function.

51. Any exposed mounting hardware (nuts, bolts, brackets, etc.) that, if unfastened, would allow the rack to be removed from the vehicle, shall be tamper-proofed. The method of tamper-proofing may be determined locally but, in all cases, it shall ensure that the rack cannot be removed in less than three minutes by a person of average mechanical skill using common hand-tools (e.g. screwdrivers, pry bars, hammers, hex keys, hacksaws and wrenches).

52. English installation instructions for Blac-Rac™ products are available from the manufacturer's website; French installation instructions are available on request from the MP Transportation Authority Policy. It must be noted that the manufacturer's instructions recommend the trigger guard of M4/M16/AR15 carbines be modified. This recommendation shall not apply to C8A3. C8A3 trigger guards shall not be modified.



## PCVSS ALARM SYSTEM SPECIFICATIONS

53. Vehicle alarms **shall** be used to provide early warning of potential threats to weapon security. As such, every MP vehicle equipped with a PCVSS **shall** also be equipped with an alarm system that meets all of the following specifications:

- a. The alarm **shall** be controlled by a remote control/pager unit that incorporates the following features:
  - (1). Two-way range frequency shift keying FM technology capable of broadcasting a reliable signal from at least 500 metres (line of sight);
  - (2). Code hopping technology to counter scanning and signal-grabbing;
  - (3). The remote control/pager unit **shall** visually indicate the alarm status by means of status lights and/or LCD display. As a minimum, the unit **shall** be able to visually display the arm/disarm and alert status (remote battery and signal strength display, and remote alarm status query features are desirable but not mandatory);
  - (4). The remote control/pager unit **shall** provide an easily audible alert signal whenever the vehicle alarm is activated (an additional vibrating alert mode is highly desirable but not mandatory);
  - (5). The remote control/pager unit **shall** employ silent arm and disarm functions;
  - (6). The remote control/pager unit **shall** be able to function effectively in temperatures ranging from -40°C to + 40°C; and
  - (7). The remote control/pager unit **shall** be attached to the vehicle key fob;
- b. The alarm system **shall** incorporate the following sensors:
  - (1). Sensors capable of detecting glass breakage of any window (this may be done using glass-mounted sensors on all windows, by using one or more pressure change sensors, or by using one or more ultrasonic sensors);
  - (2). Sensors capable of detecting the opening of any door as a result of prying, lock picking or key/door handle use (including rear lift-gates for SUVs);
  - (3). All sensors **shall** be able to function effectively in in-car temperatures ranging from -40°C to + 85°C; and
  - (4). All sensors **shall** employ technology to minimize false alarms caused by non-invasive vibrations.
  - (5). An anti car-jacking feature ("immobiliser") which will disable the ignition system of a stolen vehicle;
  - (6). A tamper-proof, alternate electrical source to power the main alarm;
  - (7). An LED indicator light in the vehicle to warn observers that an alarm is installed; and
  - (8). Sensors capable of detecting the opening of the vehicle hood.
- c. The overall PCVSS alarm system **shall**:



- (1). Be approved for sale and use in Canada in accordance with the *Radiocommunication Act*, the *Radiocommunication Regulations*, and applicable Industry Canada guidelines;
- (2). Allow for full integration into the patrol vehicle's electrical system without causing a significant draw from the power source (i.e. use low standby power consumption systems for the remote control/pager, sensors and primary alarm unit); and
- (3). be installed by a reputable and qualified installer.

Annex C  
W8486-151138  
XX May 2015

## MANDATORY EVALUATION CRITERIA

The Technical Bid will be evaluated against the mandatory requirements as listed in this table. It should address clearly and in sufficient depth the points that are subject to the evaluation criteria against which the bid will be evaluated. Simply repeating the statement contained in the bid solicitation is not sufficient. In order to facilitate the evaluation of the bid, Canada requests that bidders address and present topics in the order of the evaluation criteria contained in the table below using the same headings.

ITEM NO	REFERENCE	REQUIREMENT	PROOF OF COMPLIANCE	BID REFERENCE
M1	Annex A, paragraph 4.1.1	The Bidder shall have been in the business of outfitting police vehicles for a minimum of five years at time of bid submission.	The Bidder shall provide: (1) Contract number and award dates for such activities; and (2) Customer contact information.	
M2	Annex A, paragraph 4.1.2	The Bidder shall have been in the business of maintaining and repairing police vehicles for a minimum of five years at time of bid submission.	The Bidder shall provide: (1) Contract number and award dates for such activities; and (2) Customer contact information.	
M3	Annex A, paragraph 4.1.3	The Bidder shall have been in the business of removing police equipment and identification from police vehicles for a minimum of five years at time of bid submission.	The Bidder shall provide: (1) Contract number and award dates for such activities; and (2) Customer contact information.	

M4	Annex A, paragraph 4.2.1	The Bidder shall demonstrate how its facilities have an adequate and secure storage location to ensure that repairable items can be stored while being scheduled for work or waiting return transportation arrangements following completion of work The Bidder shall demonstrate that they will dispose of police-specific equipment that had been removed from a de-equipped vehicle and no longer useable.	The Bidder shall provide written attestation that they have adequate and secure storage facilities.	
M5	Annex A, paragraph 4.2.5, first sentence	The Bidder shall demonstrate that they can access the Original Equipment Manufacturers (OEM) for the receipt of the specification(s), updates, service bulletins and engineering support for the work.	The Bidder shall provide written attestation that they will dispose of equipment that has been removed from a de-equipped vehicle and no longer useable.	
M6	Annex A, paragraph 4.2.12	The Bidder shall demonstrate that they shall provide an enclosed vehicle storage area as specified in the Statement Of Work.	The Bidder shall provide written confirmation from the OEM.	
M7	Annex A, paragraphs 5.4 and 5.5	The Bidder shall demonstrate that they shall only permit authorized contractor personnel who have a valid provincial driver's licence to drive MP vehicles.	The Bidder shall provide written attestation that they shall provide an enclosed storage area as specified in the Statement Of Work.	
M8	Annex A, paragraph 12.1		The Bidder shall provide written attestation that they shall only permit authorized contractor personnel who have a valid provincial driver's licence to drive MP vehicles.	

## EQUIVALENT TABLE

When offering an equivalent product, bidders shall list that product in the table below.

ITEM NO	ANNEX A REFERENCE	REQUIREMENT	REQUIREMENT AS REQUESTED (YES/NO)	IF NOT - EQUIVALENT	COMMENT
E1	Appendix 1, Annex A, paragraph 1	All lettering and striping <b><u>shall</u></b> be made from high-grade reflective vinyl (3M™ Scotchlite™ Removable Reflective Graphic Film with Comply™ Adhesive Series 680CR			
E2	Appendix 1, Annex A, paragraph 2a	Font and striping <b><u>shall</u></b> be 3M™ 680CR-72 <b>Red</b>			
E3	Appendix 1, Annex A, paragraph 2b	Font and striping <b><u>shall</u></b> be 3M™ 680CR-85 <b>Black</b>			
E4	Appendix 1, Annex A, paragraph 3a	Reflective conspicuity markings <b><u>shall</u></b> be constructed from prismatic conspicuity material 3M™ Diamond Grade™ Conspicuity Tape (colour: 3M™ 983-10NL ES <b>White</b> )			
E5	Appendix 1, Annex A, paragraph 3b	Reflective conspicuity markings <b><u>shall</u></b> be constructed from prismatic conspicuity material 3M™ Diamond Grade™ Conspicuity Tape (colour: 3M™ 983-32 ES <b>Red/White</b> )			

E6	Appendix 1, Annex A, paragraph 14a (1)	<b>Roof Lights</b> <i>Federal Signal – Arjent® S2</i> Light Bar			
E7	Appendix 1, Annex A, paragraph 14a (2)	<b>Roof Lights</b> Whelen® Justice® Competitor™ Series Super-LED®			
E8	Appendix 1, Annex A, paragraph 14a(3)	<b>Roof Lights</b> D & R Electronics® – PL-46 Prowler®			
E9	Appendix 1, Annex A, paragraph 14b(1)	<b>Hide-Away Lights</b> Whelen® – Universal LED Hideaway™			
E10	Appendix 1, Annex A, paragraph 14b(2)	<b>Hide-Away Lights</b> <i>Federal Signal -Corner</i> LED Lighting			
E11	Appendix 1, Annex A, paragraph 14b(3)	<b>Hide-Away Lights</b> <i>D&amp;R Electronics® –</i> <i>SL61L-X</i>			
E12	Appendix 1, Annex A, paragraph 14c(1)	<b>External Front Intersection Lights</b> <i>Whelen® – TIR3™ Series Lighthouse</i>			
E13	Appendix 1, Annex A, paragraph 14c(2)	<b>External Front Intersection Lights</b> Code 3® – XT 3 Series			
E14	Appendix 1, Annex A, paragraph 14c(3)	<b>External Front Intersection Lights</b> <i>D&amp;R</i> <i>Electronics® – MR6LJB-A</i>			
E15	Appendix 1, Annex A, paragraph 14d(1)	<b>Rear Intersection Lights</b> <i>D&amp;R</i> <i>Electronics® – MR6LJB-A</i>			
E16	Appendix 1, Annex A, paragraph 14d(2)	<b>Rear Intersection Lights</b> Whelen® - Dominator™ TIR3™ Series, model D2**			
E17	Appendix 1, Annex A, paragraph 14d(3)	<b>Rear Intersection Lights</b> Code 3® - XT3 Series			

E18	Appendix 1, Annex A, paragraph 14e(1)	<b>Deck Lights</b> <i>D&amp;R Electronics®</i> – MR6LJB-A			
E19	Appendix 1, Annex A, paragraph 14e(2)	<b>Deck Lights</b> <i>Whelen®</i> – <i>TIR3™</i> Series, model D2**			
E20	Appendix 1, Annex A, paragraph 14e(3)	<b>Deck Lights</b> Code 3® – XT3 Series			
E21	Appendix 1, Annex A, paragraph 14f(1)	<b>Front Grill Lights</b> <i>D&amp;R Electronics</i> – ML81-X			
E22	Appendix 1, Annex A, paragraph 14f(2)	<b>Front Grill Lights</b> Code 3® – XT3 Series			
E23	Appendix 1, Annex A, paragraph 14f(3)	<b>Front Grill Lights</b> <i>Whelen®</i> – <i>TIR3™</i> Series Lighthouse			
E24	Appendix 1, Annex A, paragraph 14g(1)	<b>Trunk Lid Lights</b> <i>D&amp;R Electronics</i> – ML81-X			
E25	Appendix 1, Annex A, paragraph 14g(2)	<b>Trunk Lid Lights</b> Code 3® – XT3 Series			
E26	Appendix 1, Annex A, paragraph 14g(3)	<b>Trunk Lid Lights</b> <i>Whelen®</i> – <i>TIR3™</i> Series Lighthouse			
E27	Appendix 2, Annex A, paragraph 1	All lettering and striping <b><u>shall</u></b> be made from high-grade reflective vinyl (3M™ Scotchlite™ Removable Reflective Graphic Film with Comply™ Adhesive Series 680CR)			
E28	Appendix 2, Annex A, paragraph 2a	Font and striping <b><u>shall</u></b> be 3M™ 680CR-72 <b>Red</b>			



E29	Appendix 2, Annex A, paragraph 2b	Font and striping <b><u>shall</u></b> be 3M™ 680CR-85 <b>Black</b>			
E30	Appendix 2, Annex A, paragraph 3a	Reflective conspicuity markings <b><u>shall</u></b> be constructed from prismatic conspicuity material 3M™ Diamond Grade™ Conspicuity Tape (colour: 3M™ 983-10NL ES <b>White</b> )			
E31	Appendix 2, Annex A, paragraph 3b	Reflective conspicuity markings <b><u>shall</u></b> be constructed from prismatic conspicuity material 3M™ Diamond Grade™ Conspicuity Tape (colour: 3M™ 983-32 ES <b>Red/White</b> )			
E32	Appendix 2, Annex A, paragraph 14a (1)	<b>Roof Lights</b> <i>Federal Signal – Arjent® S2</i> Light Bar			
E33	Appendix 2, Annex A, paragraph 14a (2)	<b>Roof Lights</b> <i>D&amp;R Electronic® – PL-46</i> Prowler®			
E34	Appendix 2, Annex A, paragraph 14a(3)	<b>Roof Lights</b> <i>Whelen® Justice®</i> Competitor™ Series Super-LED®			
E35	Appendix 2, Annex A, paragraph 14b(1)	<b>Hide-Away Lights</b> <i>Whelen® – Universal</i> LED Hideaway™			
E36	Appendix 2, Annex A, paragraph 14b(2)	<b>Hide-Away Lights</b> <i>Federal Signal -Corner</i> LED Lighting			
E37	Appendix 2, Annex A, paragraph 14b(3)	<b>Hide-Away Lights</b> <i>D&amp;R Electronic® -</i> SL61L-X			
E38	Appendix 2, Annex A, paragraph 14c(1)	<b>External Front Intersection Lights</b> <i>Whelen® - TIR3™</i> Series Lighthouse			
E39	Appendix 2, Annex A, paragraph 14c(2)	<b>External Front Intersection Lights</b> <i>Code</i> <i>3® - XT3 Series</i>			

E40	Appendix 2, Annex A, paragraph 14c(3)	<b>External Front Intersection Lights</b> <i>D&amp;R Electronics®</i> – MR61LJB-A			
E41	Appendix 2, Annex A, paragraph 14d(1)	<b>Rear Intersection Lights</b> <i>D&amp;R Electronics®</i> – MR6LTL – Explorer			
E42	Appendix 2, Annex A, paragraph 14d(2)	<b>Rear Intersection Lights</b> Whelen® - Dominator™ TIR3™ Series, model D2**			
E43	Appendix 2, Annex A, paragraph 14d(3)	<b>Rear Intersection Lights</b> Code 3® - XT3 Series			
E44	Appendix 2, Annex A, paragraph 14e(1)	<b>Rear Spoiler Lights</b> <i>D&amp;R Electronics®</i> – MR6LTL – Explorer			
E45	Appendix 2, Annex A, paragraph 14e(2)	<b>Rear Spoiler Lights</b> Whelen® – Outer Edge Spoiler LED Lightbar (9 LED)			
E46	Appendix 2, Annex A, paragraph 14e(3)	<b>Rear Spoiler Lights</b> Code 3® – Citadel LED lighting Series (9 LED)			
E47	Appendix 2, Annex A, paragraph 14f(1)	<b>Front Grill Lights</b> Whelen® – TIR3™ Series Lighthouse			
E48	Appendix 2, Annex A, paragraph 14f(2)	<b>Front Grill Lights</b> <i>D&amp;R Electronics®</i> – MR6LTL			
E49	Appendix 2, Annex A, paragraph 14f(3)	<b>Front Grill Lights</b> Code 3® – XT3 Series			
E50	Appendix 2, Annex A, paragraph 14g(1)	<b>Grommet/Flush Mount Trunk Lights</b> Whelen® - 5G Series Super-LED® <i>Grommet Mount Lighthouse</i>			
E51	Appendix 2, Annex A, paragraph 14g(2)	<b>Grommet/Flush Mount Trunk Lights</b> Code 3® - Torus Lighthouses, Flush-Mount			

E52	Appendix 2, Annex A, paragraph 14g(3)	<b>Grommet/Flush Mount Trunk Lights</b> <i>D&amp;R Electronic® - MR6LJBF-X Flush mount</i>			
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**Annex ``D - 1 British Columbia ``**  
**Pricing - Basis of Payment**

The contractor will be paid the firm prices, firm all inclusive hourly rates in effect on the date the work is authorized regardless of when the it is performed.

**Pricing Tables**

**Table 1 – All level of efforts (labour) and mandatory replacement parts in order to bring the Military Vehicles and related items in accordance with Annex “A” Statement of Work and Appendix 1 to 5.**

The contractor will be paid **Firm Prices** for the **Installation** of Standard Equipment.

NATO Stock Number (NSN)	Year 1	Year 2	Extended Period 1	Extended period 2	Extended period 3
2310-20-007-2584 (Sedan)	\$	\$	\$	\$	\$
2320-20-007-5285 Sport Utility Vehicle (SUV)	\$	\$	\$	\$	\$

The contractor will be paid **Firm Prices** for the **Removal** of Standard Equipment.

NATO Stock Number (NSN)	Year 1	Year 2	Extended Period 1	Extended period 2	Extended period 3
2310-20-007-2584 (Sedan)	\$	\$	\$	\$	\$
2320-20-007-5285 Sport Utility Vehicle (SUV)	\$	\$	\$	\$	\$

**Table 2- Additional Work Request (AWR); As requested**

	Year 1	Year 2	Extended Period 1	Extended period 2	Extended period 3
Firm All Inclusive Hourly Rate for addition work request	\$	\$	\$	\$	\$

**Table 3 – Additional Work Request (AWR); As requested for Military Police Specific list of equipment.**

The contractor will be paid **Firm Prices** for the **Installation** of Standard Equipment.

Item	Equipment	Year 1	Year 2	Extended Period 1	Extended period 2	Extended period 3
1	<b>Sedan Only</b> New Decal Package includes conspicuity markings	\$	\$	\$	\$	\$
2	<b>SUV Only</b> New Decal Package includes conspicuity markings	\$	\$	\$	\$	\$
3	All wiring will be new and in accordance with Canadian Standards Association / Society of Automotive Engineers (CSA/SAE) approved. Detailed wiring diagram shall be provided for each vehicle at time of delivery	\$	\$	\$	\$	\$
4	Primary roof light bar system	\$	\$	\$	\$	\$
5	four “wig-wag” strobe lights, white in colour, mounted inside the headlight housings and tail lamp flasher	\$	\$	\$	\$	\$
6	Two external front intersection strobe lights mounted on the left and right of the push bumper	\$	\$	\$	\$	\$
7	Two rear intersection strobe lights, red and blue in colour mounted in the left and right rear passenger windows	\$	\$	\$	\$	\$
8	Two “hide-away” strobe lights, white in color, mounted in the front signal light housings and two “hide-away” strobe lights, red and blue in colour, mounted	\$	\$	\$	\$	\$

	in the rear back-up lights					
9	Front Grill strobe lights, red and blue in colour mounted in the front part of the push bumper	\$	\$	\$	\$	\$
10	<b>Marked Sedan only</b> Trunk interior warning lights, red and blue in colour, mounted on the underside of the trunk lid	\$	\$	\$	\$	\$
11	<b>Marked Sedan only.</b> Rear deck lights, red and blue in colour (installed on rear deck)	\$	\$	\$	\$	\$
12	<b>Marked SUV only.</b> Grommet/flush mount trunk lid warning lights, red and blue in colour, mounted on the underside of the trunk lid.	\$	\$	\$	\$	\$
13	<b>Marked SUV only.</b> Rear spoiler light, red and blue in colour (installed outside under the spoiler)	\$	\$	\$	\$	\$
14	Sirens and public address systems	\$	\$	\$	\$	\$
15	Stealth/Black out mode. (deactivates all vehicle lights except emergency lights)	\$	\$	\$	\$	\$
16	Mobile data terminal docking station with a locking device with key for the MDT laptop, four powered Universal Serial Bus (USB) minimum or higher 2.0 ports, a heavy-duty adjustment locking system for distance, height, tilt and rotation; and electronic swipe-card reader installed on the center console	\$	\$	\$	\$	\$
17	RADAR (2 antennas, main module and	\$	\$	\$	\$	\$



	remote control) linked to the MVRs					
18	Ergonomic mid-console, MDT docking station, Velcro™ on the left side to secure the RADAR remote control	\$	\$	\$	\$	\$
19	Microphone holder for radio (driver's side), and microphone holder for PA system (passenger's side)	\$	\$	\$	\$	\$
20	Three 12-volt auxiliary power outlets (for accessories such as cell phone, alcohol screening device, etc.);	\$	\$	\$	\$	\$
21	LED goose-neck lamp with red and white lights	\$	\$	\$	\$	\$
22	Police Radio, antenna and external Speakers	\$	\$	\$	\$	\$
23	Emergency Equipment Controller	\$	\$	\$	\$	\$
24	Arm rest and two large cup holders	\$	\$	\$	\$	\$
25	Overhead ceiling console dome light equipped with both red and white lights	\$	\$	\$	\$	\$
26	Mobile Vehicle Recording System, front camera, screen, recording module, microphone charger, rear camera	\$	\$	\$	\$	\$
27	Prisoner Containment Equipment "Silent Partner" With a recessed weapon storage panel and a sliding center window	\$	\$	\$	\$	\$

28	Rear passenger window barriers with window-mounted rear intersection lights	\$	\$	\$	\$	\$
29	<b>Marked SUV only.</b> Cargo barrier in the rear cargo area.	\$	\$	\$	\$	\$
30	Push bumper	\$	\$	\$	\$	\$
31	Modem with antenna	\$	\$	\$	\$	\$
32	Power/idle management device (in order to ensure MP equipment is functional, i.e. the Security and Military Police Information System (SAMPIS), the Mobile Vehicle Recording System (MVRS), emergency lights, the radar and the radio when vehicle is turned off) The power/idle management device shall prevent accidental battery drainage by starting automatically the vehicle engine, without keys, when the batteries are low.	\$	\$	\$	\$	\$
33	Patrol Vehicle Carbine Blac-Rac and Secure mounting system (T-Rail)	\$	\$	\$	\$	\$
34	Patrol Vehicle Carbine Alarm system	\$	\$	\$	\$	\$
35	Equipment tray: all equipment such as modem, radio, siren amplifier, controllers, modules, relay, fuses, etc., shall be mounted on a non-conducting equipment tray in the trunk or cargo area of the MP vehicle that meets all of the specifications.	\$	\$	\$	\$	\$
36	<b>Marked SUV only. Electronics</b> Subrame Panel Mount. All	\$	\$	\$	\$	\$

	equipment such as modem, radio, siren amplifier, controllers, modules, relay, fuses, etc., shall be mounted on non-conducting equipment Sub frame in the cargo area of the MP vehicle that meets all of the specifications.					
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The contractor will be paid **Firm Prices** for the **Removal** of Standard Equipment

37	Decal Package including conspicuity markings	\$	\$	\$	\$	\$
38	All wiring associated with Police equipment , Returning vehicle to Non-Police State	\$	\$	\$	\$	\$
39	Primary roof light bar system	\$	\$	\$	\$	\$
40	four "wig-wag" strobe lights, white in colour, mounted inside the headlight housings and tail lamp flasher	\$	\$	\$	\$	\$
41	Two external front intersection strobe lights mounted on the left and right of the push bumper					
42	Two rear intersection strobe lights, red and blue in colour mounted in the left and right rear passenger windows					
43	Two "hide-away" strobe lights, white in color, mounted in the front signal light housings and two "hide-away" strobe lights, red and blue in colour, mounted in the rear back-up lights					
44	Front Grill strobe lights, red and blue in colour mounted in the front part of the push bumper					

45	<b>Marked Sedan only</b> Trunk interior warning lights, red and blue in colour, mounted on the underside of the trunk lid					
46	<b>Marked Sedan only.</b> Rear deck lights, red and blue in colour (installed on rear deck)					
47	<b>Marked SUV only.</b> Grommet/flush mount trunk lid warning lights, red and blue in colour, mounted on the underside of the trunk lid.					
48	<b>Marked SUV only.</b> Rear spoiler light, red and blue in colour (installed outside under the spoiler)					
49	Sirens and public address systems					
50	Stealth/Black out mode. (deactivates all vehicle lights except emergency lights)					
51	Mobile data terminal docking station with a locking device with key for the MDT laptop, four powered Universal Serial Bus (USB) minimum or higher 2.0 ports, a heavy-duty adjustment locking system for distance, height, tilt and rotation; and electronic swipe-card reader installed on the center console					
52	RADAR (2 antennas, main module and remote control) linked to the MVRS					
53	Ergonomic mid-console, MDT docking station, Velcro™ on the left side to secure the RADAR remote control					

54	Microphone holder for radio (driver's side), and microphone holder for PA system (passenger's side)					
55	Three 12-volt auxiliary power outlets (for accessories such as cell phone, alcohol screening device, etc.);					
56	LED goose-neck lamp with red and white lights					
57	Police Radio, antenna and external Speakers					
58	Emergency Equipment Controller					
59	Arm rest and two large cup holders					
60	Overhead ceiling console dome light equipped with both red and white lights					
61	Mobile Vehicle Recording System, front camera, screen, recording module, microphone charger, rear camera					
62	Prisoner Containment Equipment "Silent Partner" With a recessed weapon storage panel and a sliding center window					
63	Rear passenger window barriers with window-mounted rear intersection lights					
64	<b>Marked SUV only.</b> Cargo barrier in the rear cargo area.					
65	Push bumper					

66	Modem with antenna					
67	Power/idle management device (in order to ensure MP equipment is functional, i.e. the Security and Military Police Information System (SAMPIS), the Mobile Vehicle Recording System (MVRS), emergency lights, the radar and the radio when vehicle is turned off) The power/idle management device shall prevent accidental battery drainage by starting automatically the vehicle engine, without keys, when the batteries are low.					
68	Patrol Vehicle Carbine Blac-Rac and Secure mounting system (T-Rail)					
69	Patrol Vehicle Carbine Alarm system					
70	Equipment tray: all equipment such as modem, radio, siren amplifier, controllers, modules, relay, fuses, etc., shall be mounted on a non-conducting equipment tray in the trunk or cargo area of the MP vehicle that meets all of the specifications.					
71	<b>Marked SUV only.</b> <b>Electronics</b> Sub Frame Panel Mount. All equipment such as modem, radio, siren amplifier, controllers, modules, relay, fuses, etc., shall be mounted on a non-conducting equipment Sub fame in the cargo area of the MP vehicle that meets					



	all of the specifications.					
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**Annex ``D - 2 Alberta``**  
**Pricing - Basis of Payment**

The contractor will be paid the firm prices, firm all inclusive hourly rates in effect on the date the work is authorized regardless of when the it is performed.

**Pricing Tables**

**Table 1 – All level of efforts (labour) and mandatory replacement parts in order to bring the Military Vehicles and related items in accordance with Annex “A” Statement of Work and Appendix 1 to 5.**

The contractor will be paid **Firm Prices** for the **Installation** of Standard Equipment.

NATO Stock Number (NSN)	Year 1	Year 2	Extended Period 1	Extended period 2	Extended period 3
2310-20-007-2584 (Sedan)	\$	\$	\$	\$	\$
2320-20-007-5285 Sport Utility Vehicle (SUV)	\$	\$	\$	\$	\$

The contractor will be paid **Firm Prices** for the **Removal** of Standard Equipment.

NATO Stock Number (NSN)	Year 1	Year 2	Extended Period 1	Extended period 2	Extended period 3
2310-20-007-2584 (Sedan)	\$	\$	\$	\$	\$
2320-20-007-5285 Sport Utility Vehicle (SUV)	\$	\$	\$	\$	\$

**Table 2- Additional Work Request (AWR); As requested**

	Year 1	Year 2	Extended Period 1	Extended period 2	Extended period 3
Firm All Inclusive Hourly Rate for addition work request	\$	\$	\$	\$	\$

**Table 3 – Additional Work Request (AWR); As requested for Military Police Specific list of equipment.**

The contractor will be paid **Firm Prices** for the **Installation** of Standard Equipment.

Item	Equipment	Year 1	Year 2	Extended Period 1	Extended period 2	Extended period 3
1	<b>Sedan Only</b> New Decal Package includes conspicuity markings	\$	\$	\$	\$	\$
2	<b>SUV Only</b> New Decal Package includes conspicuity markings	\$	\$	\$	\$	\$
3	All wiring will be new and in accordance with Canadian Standards Association / Society of Automotive Engineers (CSA/SAE) approved. Detailed wiring diagram shall be provided for each vehicle at time of delivery	\$	\$	\$	\$	\$
4	Primary roof light bar system	\$	\$	\$	\$	\$
5	four “wig-wag” strobe lights, white in colour, mounted inside the headlight housings and tail lamp flasher	\$	\$	\$	\$	\$
6	Two external front intersection strobe lights mounted on the left and right of the push bumper	\$	\$	\$	\$	\$
7	Two rear intersection strobe lights, red and blue in colour mounted in the left and right rear passenger windows	\$	\$	\$	\$	\$
8	Two “hide-away” strobe lights, white in color, mounted in the front signal light housings and two “hide-away” strobe lights, red and blue in colour, mounted	\$	\$	\$	\$	\$

	in the rear back-up lights					
9	Front Grill strobe lights, red and blue in colour mounted in the front part of the push bumper	\$	\$	\$	\$	\$
10	<b>Marked Sedan only</b> Trunk interior warning lights, red and blue in colour, mounted on the underside of the trunk lid	\$	\$	\$	\$	\$
11	<b>Marked Sedan only.</b> Rear deck lights, red and blue in colour (installed on rear deck)	\$	\$	\$	\$	\$
12	<b>Marked SUV only.</b> Grommet/flush mount trunk lid warning lights, red and blue in colour, mounted on the underside of the trunk lid.	\$	\$	\$	\$	\$
13	<b>Marked SUV only.</b> Rear spoiler light, red and blue in colour (installed outside under the spoiler)	\$	\$	\$	\$	\$
14	Sirens and public address systems	\$	\$	\$	\$	\$
15	Stealth/Black out mode. (deactivates all vehicle lights except emergency lights)	\$	\$	\$	\$	\$
16	Mobile data terminal docking station with a locking device with key for the MDT laptop, four powered Universal Serial Bus (USB) minimum or higher 2.0 ports, a heavy-duty adjustment locking system for distance, height, tilt and rotation; and electronic swipe-card reader installed on the center console	\$	\$	\$	\$	\$
17	RADAR (2 antennas, main module and	\$	\$	\$	\$	\$

	remote control) linked to the MVRs					
18	Ergonomic mid-console, MDT docking station, Velcro™ on the left side to secure the RADAR remote control	\$	\$	\$	\$	\$
19	Microphone holder for radio (driver's side), and microphone holder for PA system (passenger's side)	\$	\$	\$	\$	\$
20	Three 12-volt auxiliary power outlets (for accessories such as cell phone, alcohol screening device, etc.);	\$	\$	\$	\$	\$
21	LED goose-neck lamp with red and white lights	\$	\$	\$	\$	\$
22	Police Radio, antenna and external Speakers	\$	\$	\$	\$	\$
23	Emergency Equipment Controller	\$	\$	\$	\$	\$
24	Arm rest and two large cup holders	\$	\$	\$	\$	\$
25	Overhead ceiling console dome light equipped with both red and white lights	\$	\$	\$	\$	\$
26	Mobile Vehicle Recording System, front camera, screen, recording module, microphone charger, rear camera	\$	\$	\$	\$	\$
27	Prisoner Containment Equipment "Silent Partner" With a recessed weapon storage panel and a sliding center window	\$	\$	\$	\$	\$

28	Rear passenger window barriers with window-mounted rear intersection lights	\$	\$	\$	\$	\$
29	<b>Marked SUV only.</b> Cargo barrier in the rear cargo area.	\$	\$	\$	\$	\$
30	Push bumper	\$	\$	\$	\$	\$
31	Modem with antenna	\$	\$	\$	\$	\$
32	Power/idle management device (in order to ensure MP equipment is functional, i.e. the Security and Military Police Information System (SAMPIS), the Mobile Vehicle Recording System (MVRS), emergency lights, the radar and the radio when vehicle is turned off) The power/idle management device shall prevent accidental battery drainage by starting automatically the vehicle engine, without keys, when the batteries are low.	\$	\$	\$	\$	\$
33	Patrol Vehicle Carbine Blac-Rac and Secure mounting system (T-Rail)	\$	\$	\$	\$	\$
34	Patrol Vehicle Carbine Alarm system	\$	\$	\$	\$	\$
35	Equipment tray: all equipment such as modem, radio, siren amplifier, controllers, modules, relay, fuses, etc., shall be mounted on a non-conducting equipment tray in the trunk or cargo area of the MP vehicle that meets all of the specifications.	\$	\$	\$	\$	\$
36	<b>Marked SUV only. Electronics</b> Subrame Panel Mount. All	\$	\$	\$	\$	\$



	equipment such as modem, radio, siren amplifier, controllers, modules, relay, fuses, etc., shall be mounted on non-conducting equipment Sub fame in the cargo area of the MP vehicle that meets all of the specifications.					
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The contractor will be paid **Firm Prices** for the **Removal** of Standard Equipment

37	Decal Package including conspicuity markings	\$	\$	\$	\$	\$
38	All wiring associated with Police equipment , Returning vehicle to Non-Police State	\$	\$	\$	\$	\$
39	Primary roof light bar system	\$	\$	\$	\$	\$
40	four "wig-wag" strobe lights, white in colour, mounted inside the headlight housings and tail lamp flasher	\$	\$	\$	\$	\$
41	Two external front intersection strobe lights mounted on the left and right of the push bumper					
42	Two rear intersection strobe lights, red and blue in colour mounted in the left and right rear passenger windows					
43	Two "hide-away" strobe lights, white in color, mounted in the front signal light housings and two "hide-away" strobe lights, red and blue in colour, mounted in the rear back-up lights					
44	Front Grill strobe lights, red and blue in colour mounted in the front					

	part of the push bumper					
45	<b>Marked Sedan only</b> Trunk interior warning lights, red and blue in colour, mounted on the underside of the trunk lid					
46	<b>Marked Sedan only.</b> Rear deck lights, red and blue in colour (installed on rear deck)					
47	<b>Marked SUV only.</b> Grommet/flush mount trunk lid warning lights, red and blue in colour, mounted on the underside of the trunk lid.					
48	<b>Marked SUV only.</b> Rear spoiler light, red and blue in colour (installed outside under the spoiler)					
49	Sirens and public address systems					
50	Stealth/Black out mode. (deactivates all vehicle lights except emergency lights)					
51	Mobile data terminal docking station with a locking device with key for the MDT laptop, four powered Universal Serial Bus (USB) minimum or higher 2.0 ports, a heavy-duty adjustment locking system for distance, height, tilt and rotation; and electronic swipe-card reader installed on the center console					
52	RADAR (2 antennas, main module and remote control) linked to the MVRs					
53	Ergonomic mid-console, MDT docking station, Velcro™ on the					

	left side to secure the RADAR remote control					
54	Microphone holder for radio (driver's side), and microphone holder for PA system (passenger's side)					
55	Three 12-volt auxiliary power outlets (for accessories such as cell phone, alcohol screening device, etc.);					
56	LED goose-neck lamp with red and white lights					
57	Police Radio, antenna and external Speakers					
58	Emergency Equipment Controller					
59	Arm rest and two large cup holders					
60	Overhead ceiling console dome light equipped with both red and white lights					
61	Mobile Vehicle Recording System, front camera, screen, recording module, microphone charger, rear camera					
62	Prisoner Containment Equipment "Silent Partner" With a recessed weapon storage panel and a sliding center window					
63	Rear passenger window barriers with window-mounted rear intersection lights					
64	<b>Marked SUV only.</b> Cargo barrier in the rear cargo area.					

65	Push bumper					
66	Modem with antenna					
67	Power/idle management device (in order to ensure MP equipment is functional, i.e. the Security and Military Police Information System (SAMPIS), the Mobile Vehicle Recording System (MVRS), emergency lights, the radar and the radio when vehicle is turned off) The power/idle management device shall prevent accidental battery drainage by starting automatically the vehicle engine, without keys, when the batteries are low.					
68	Patrol Vehicle Carbine Blac-Rac and Secure mounting system (T-Rail)					
69	Patrol Vehicle Carbine Alarm system					
70	Equipment tray: all equipment such as modem, radio, siren amplifier, controllers, modules, relay, fuses, etc., shall be mounted on a non-conducting equipment tray in the trunk or cargo area of the MP vehicle that meets all of the specifications.					
71	<b>Marked SUV only.</b> <b>Electronics</b> Sub Frame Panel Mount. All equipment such as modem, radio, siren amplifier, controllers, modules, relay, fuses, etc., shall be mounted on a non-conducting equipment Sub fame in					

	the cargo area of the MP vehicle that meets all of the specifications.					
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**Annex ``D - 3 Saskatchewan``**  
**Pricing - Basis of Payment**

The contractor will be paid the firm prices, firm all inclusive hourly rates in effect on the date the work is authorized regardless of when the it is performed.

**Pricing Tables**

**Table 1 – All level of efforts (labour) and mandatory replacement parts in order to bring the Military Vehicles and related items in accordance with Annex “A” Statement of Work and Appendix 1 to 5.**

The contractor will be paid **Firm Prices** for the **Installation** of Standard Equipment.

NATO Stock Number (NSN)	Year 1	Year 2	Extended Period 1	Extended period 2	Extended period 3
2310-20-007-2584 (Sedan)	\$	\$	\$	\$	\$
2320-20-007-5285 Sport Utility Vehicle (SUV)	\$	\$	\$	\$	\$

The contractor will be paid **Firm Prices** for the **Removal** of Standard Equipment.

NATO Stock Number (NSN)	Year 1	Year 2	Extended Period 1	Extended period 2	Extended period 3
2310-20-007-2584 (Sedan)	\$	\$	\$	\$	\$
2320-20-007-5285 Sport Utility Vehicle (SUV)	\$	\$	\$	\$	\$

**Table 2- Additional Work Request (AWR); As requested**

	Year 1	Year 2	Extended Period 1	Extended period 2	Extended period 3
Firm All Inclusive Hourly Rate for addition work request	\$	\$	\$	\$	\$



**Table 3 – Additional Work Request (AWR); As requested for Military Police Specific list of equipment.**

The contractor will be paid **Firm Prices** for the **Installation** of Standard Equipment.

Item	Equipment	Year 1	Year 2	Extended Period 1	Extended period 2	Extended period 3
1	<b>Sedan Only</b> New Decal Package includes conspicuity markings	\$	\$	\$	\$	\$
2	<b>SUV Only</b> New Decal Package includes conspicuity markings	\$	\$	\$	\$	\$
3	All wiring will be new and in accordance with Canadian Standards Association / Society of Automotive Engineers (CSA/SAE) approved. Detailed wiring diagram shall be provided for each vehicle at time of delivery	\$	\$	\$	\$	\$
4	Primary roof light bar system	\$	\$	\$	\$	\$
5	four “wig-wag” strobe lights, white in colour, mounted inside the headlight housings and tail lamp flasher	\$	\$	\$	\$	\$
6	Two external front intersection strobe lights mounted on the left and right of the push bumper	\$	\$	\$	\$	\$
7	Two rear intersection strobe lights, red and blue in colour mounted in the left and right rear passenger windows	\$	\$	\$	\$	\$
8	Two “hide-away” strobe lights, white in color, mounted in the front signal light housings and two “hide-away” strobe lights, red and blue in colour, mounted	\$	\$	\$	\$	\$

	in the rear back-up lights					
9	Front Grill strobe lights, red and blue in colour mounted in the front part of the push bumper	\$	\$	\$	\$	\$
10	<b>Marked Sedan only</b> Trunk interior warning lights, red and blue in colour, mounted on the underside of the trunk lid	\$	\$	\$	\$	\$
11	<b>Marked Sedan only.</b> Rear deck lights, red and blue in colour (installed on rear deck)	\$	\$	\$	\$	\$
12	<b>Marked SUV only.</b> Grommet/flush mount trunk lid warning lights, red and blue in colour, mounted on the underside of the trunk lid.	\$	\$	\$	\$	\$
13	<b>Marked SUV only.</b> Rear spoiler light, red and blue in colour (installed outside under the spoiler)	\$	\$	\$	\$	\$
14	Sirens and public address systems	\$	\$	\$	\$	\$
15	Stealth/Black out mode. (deactivates all vehicle lights except emergency lights)	\$	\$	\$	\$	\$
16	Mobile data terminal docking station with a locking device with key for the MDT laptop, four powered Universal Serial Bus (USB) minimum or higher 2.0 ports, a heavy-duty adjustment locking system for distance, height, tilt and rotation; and electronic swipe-card reader installed on the center console	\$	\$	\$	\$	\$
17	RADAR (2 antennas, main module and	\$	\$	\$	\$	\$

	remote control) linked to the MVRs					
18	Ergonomic mid-console, MDT docking station, Velcro™ on the left side to secure the RADAR remote control	\$	\$	\$	\$	\$
19	Microphone holder for radio (driver's side), and microphone holder for PA system (passenger's side)	\$	\$	\$	\$	\$
20	Three 12-volt auxiliary power outlets (for accessories such as cell phone, alcohol screening device, etc.);	\$	\$	\$	\$	\$
21	LED goose-neck lamp with red and white lights	\$	\$	\$	\$	\$
22	Police Radio, antenna and external Speakers	\$	\$	\$	\$	\$
23	Emergency Equipment Controller	\$	\$	\$	\$	\$
24	Arm rest and two large cup holders	\$	\$	\$	\$	\$
25	Overhead ceiling console dome light equipped with both red and white lights	\$	\$	\$	\$	\$
26	Mobile Vehicle Recording System, front camera, screen, recording module, microphone charger, rear camera	\$	\$	\$	\$	\$
27	Prisoner Containment Equipment "Silent Partner" With a recessed weapon storage panel and a sliding center window	\$	\$	\$	\$	\$

28	Rear passenger window barriers with window-mounted rear intersection lights	\$	\$	\$	\$	\$
29	<b>Marked SUV only.</b> Cargo barrier in the rear cargo area.	\$	\$	\$	\$	\$
30	Push bumper	\$	\$	\$	\$	\$
31	Modem with antenna	\$	\$	\$	\$	\$
32	Power/idle management device (in order to ensure MP equipment is functional, i.e. the Security and Military Police Information System (SAMPIS), the Mobile Vehicle Recording System (MVRS), emergency lights, the radar and the radio when vehicle is turned off) The power/idle management device shall prevent accidental battery drainage by starting automatically the vehicle engine, without keys, when the batteries are low.	\$	\$	\$	\$	\$
33	Patrol Vehicle Carbine Blac-Rac and Secure mounting system (T-Rail)	\$	\$	\$	\$	\$
34	Patrol Vehicle Carbine Alarm system	\$	\$	\$	\$	\$
35	Equipment tray: all equipment such as modem, radio, siren amplifier, controllers, modules, relay, fuses, etc., shall be mounted on a non-conducting equipment tray in the trunk or cargo area of the MP vehicle that meets all of the specifications.	\$	\$	\$	\$	\$
36	<b>Marked SUV only. Electronics</b> Subrame Panel Mount. All	\$	\$	\$	\$	\$

	equipment such as modem, radio, siren amplifier, controllers, modules, relay, fuses, etc., shall be mounted on non-conducting equipment Sub frame in the cargo area of the MP vehicle that meets all of the specifications.					
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The contractor will be paid **Firm Prices** for the **Removal** of Standard Equipment

37	Decal Package including conspicuity markings	\$	\$	\$	\$	\$
38	All wiring associated with Police equipment , Returning vehicle to Non-Police State	\$	\$	\$	\$	\$
39	Primary roof light bar system	\$	\$	\$	\$	\$
40	four "wig-wag" strobe lights, white in colour, mounted inside the headlight housings and tail lamp flasher	\$	\$	\$	\$	\$
41	Two external front intersection strobe lights mounted on the left and right of the push bumper					
42	Two rear intersection strobe lights, red and blue in colour mounted in the left and right rear passenger windows					
43	Two "hide-away" strobe lights, white in color, mounted in the front signal light housings and two "hide-away" strobe lights, red and blue in colour, mounted in the rear back-up lights					
44	Front Grill strobe lights, red and blue in colour					

	mounted in the front part of the push bumper					
45	<b>Marked Sedan only</b> Trunk interior warning lights, red and blue in colour, mounted on the underside of the trunk lid					
46	<b>Marked Sedan only.</b> Rear deck lights, red and blue in colour (installed on rear deck)					
47	<b>Marked SUV only.</b> Grommet/flush mount trunk lid warning lights, red and blue in colour, mounted on the underside of the trunk lid.					
48	<b>Marked SUV only.</b> Rear spoiler light, red and blue in colour (installed outside under the spoiler)					
49	Sirens and public address systems					
50	Stealth/Black out mode. (deactivates all vehicle lights except emergency lights)					
51	Mobile data terminal docking station with a locking device with key for the MDT laptop, four powered Universal Serial Bus (USB) minimum or higher 2.0 ports, a heavy-duty adjustment locking system for distance, height, tilt and rotation; and electronic swipe-card reader installed on the center console					
52	RADAR (2 antennas, main module and remote control) linked to the MVRS					
53	Ergonomic mid-console, MDT docking station, Velcro™ on the					

	left side to secure the RADAR remote control					
54	Microphone holder for radio (driver's side), and microphone holder for PA system (passenger's side)					
55	Three 12-volt auxiliary power outlets (for accessories such as cell phone, alcohol screening device, etc.);					
56	LED goose-neck lamp with red and white lights					
57	Police Radio, antenna and external Speakers					
58	Emergency Equipment Controller					
59	Arm rest and two large cup holders					
60	Overhead ceiling console dome light equipped with both red and white lights					
61	Mobile Vehicle Recording System, front camera, screen, recording module, microphone charger, rear camera					
62	Prisoner Containment Equipment "Silent Partner" With a recessed weapon storage panel and a sliding center window					
63	Rear passenger window barriers with window-mounted rear intersection lights					
64	<b>Marked SUV only.</b> Cargo barrier in the rear cargo area.					



65	Push bumper					
66	Modem with antenna					
67	Power/idle management device (in order to ensure MP equipment is functional, i.e. the Security and Military Police Information System (SAMPIS), the Mobile Vehicle Recording System (MVRS), emergency lights, the radar and the radio when vehicle is turned off) The power/idle management device shall prevent accidental battery drainage by starting automatically the vehicle engine, without keys, when the batteries are low.					
68	Patrol Vehicle Carbine Blac-Rac and Secure mounting system (T-Rail)					
69	Patrol Vehicle Carbine Alarm system					
70	Equipment tray: all equipment such as modem, radio, siren amplifier, controllers, modules, relay, fuses, etc., shall be mounted on a non-conducting equipment tray in the trunk or cargo area of the MP vehicle that meets all of the specifications.					
71	<b>Marked SUV only.</b> <b>Electronics</b> Sub Frame Panel Mount. All equipment such as modem, radio, siren amplifier, controllers, modules, relay, fuses, etc., shall be mounted on a non-conducting equipment Sub fame in					

	the cargo area of the MP vehicle that meets all of the specifications.					
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**Annex ``D - 4 Manitoba``**  
**Pricing - Basis of Payment**

The contractor will be paid the firm prices, firm all inclusive hourly rates in effect on the date the work is authorized regardless of when the it is performed.

**Pricing Tables**

**Table 1 – All level of efforts (labour) and mandatory replacement parts in order to bring the Military Vehicles and related items in accordance with Annex “A” Statement of Work and Appendix 1 to 5.**

The contractor will be paid **Firm Prices** for the **Installation** of Standard Equipment.

NATO Stock Number (NSN)	Year 1	Year 2	Extended Period 1	Extended period 2	Extended period 3
2310-20-007-2584 (Sedan)	\$	\$	\$	\$	\$
2320-20-007-5285 Sport Utility Vehicle (SUV)	\$	\$	\$	\$	\$

The contractor will be paid **Firm Prices** for the **Removal** of Standard Equipment.

NATO Stock Number (NSN)	Year 1	Year 2	Extended Period 1	Extended period 2	Extended period 3
2310-20-007-2584 (Sedan)	\$	\$	\$	\$	\$
2320-20-007-5285 Sport Utility Vehicle (SUV)	\$	\$	\$	\$	\$

**Table 2- Additional Work Request (AWR); As requested**

	Year 1	Year 2	Extended Period 1	Extended period 2	Extended period 3
Firm All Inclusive Hourly Rate for addition work request	\$	\$	\$	\$	\$

**Table 3 – Additional Work Request (AWR); As requested for Military Police Specific list of equipment.**

The contractor will be paid **Firm Prices** for the **Installation** of Standard Equipment.

Item	Equipment	Year 1	Year 2	Extended Period 1	Extended period 2	Extended period 3
1	<b>Sedan Only</b> New Decal Package includes conspicuity markings	\$	\$	\$	\$	\$
2	<b>SUV Only</b> New Decal Package includes conspicuity markings	\$	\$	\$	\$	\$
3	All wiring will be new and in accordance with Canadian Standards Association / Society of Automotive Engineers (CSA/SAE) approved. Detailed wiring diagram shall be provided for each vehicle at time of delivery	\$	\$	\$	\$	\$
4	Primary roof light bar system	\$	\$	\$	\$	\$
5	four “wig-wag” strobe lights, white in colour, mounted inside the headlight housings and tail lamp flasher	\$	\$	\$	\$	\$
6	Two external front intersection strobe lights mounted on the left and right of the push bumper	\$	\$	\$	\$	\$
7	Two rear intersection strobe lights, red and blue in colour mounted in the left and right rear passenger windows	\$	\$	\$	\$	\$
8	Two “hide-away” strobe lights, white in color, mounted in the front signal light housings and two “hide-away” strobe lights, red and blue in colour, mounted	\$	\$	\$	\$	\$

	in the rear back-up lights					
9	Front Grill strobe lights, red and blue in colour mounted in the front part of the push bumper	\$	\$	\$	\$	\$
10	<b>Marked Sedan only</b> Trunk interior warning lights, red and blue in colour, mounted on the underside of the trunk lid	\$	\$	\$	\$	\$
11	<b>Marked Sedan only.</b> Rear deck lights, red and blue in colour (installed on rear deck)	\$	\$	\$	\$	\$
12	<b>Marked SUV only.</b> Grommet/flush mount trunk lid warning lights, red and blue in colour, mounted on the underside of the trunk lid.	\$	\$	\$	\$	\$
13	<b>Marked SUV only.</b> Rear spoiler light, red and blue in colour (installed outside under the spoiler)	\$	\$	\$	\$	\$
14	Sirens and public address systems	\$	\$	\$	\$	\$
15	Stealth/Black out mode. (deactivates all vehicle lights except emergency lights)	\$	\$	\$	\$	\$
16	Mobile data terminal docking station with a locking device with key for the MDT laptop, four powered Universal Serial Bus (USB) minimum or higher 2.0 ports, a heavy-duty adjustment locking system for distance, height, tilt and rotation; and electronic swipe-card reader installed on the center console	\$	\$	\$	\$	\$
17	RADAR (2 antennas, main module and	\$	\$	\$	\$	\$

	remote control) linked to the MVRs					
18	Ergonomic mid-console, MDT docking station, Velcro™ on the left side to secure the RADAR remote control	\$	\$	\$	\$	\$
19	Microphone holder for radio (driver's side), and microphone holder for PA system (passenger's side)	\$	\$	\$	\$	\$
20	Three 12-volt auxiliary power outlets (for accessories such as cell phone, alcohol screening device, etc.);	\$	\$	\$	\$	\$
21	LED goose-neck lamp with red and white lights	\$	\$	\$	\$	\$
22	Police Radio, antenna and external Speakers	\$	\$	\$	\$	\$
23	Emergency Equipment Controller	\$	\$	\$	\$	\$
24	Arm rest and two large cup holders	\$	\$	\$	\$	\$
25	Overhead ceiling console dome light equipped with both red and white lights	\$	\$	\$	\$	\$
26	Mobile Vehicle Recording System, front camera, screen, recording module, microphone charger, rear camera	\$	\$	\$	\$	\$
27	Prisoner Containment Equipment "Silent Partner" With a recessed weapon storage panel and a sliding center window	\$	\$	\$	\$	\$

28	Rear passenger window barriers with window-mounted rear intersection lights	\$	\$	\$	\$	\$
29	<b>Marked SUV only.</b> Cargo barrier in the rear cargo area.	\$	\$	\$	\$	\$
30	Push bumper	\$	\$	\$	\$	\$
31	Modem with antenna	\$	\$	\$	\$	\$
32	Power/idle management device (in order to ensure MP equipment is functional, i.e. the Security and Military Police Information System (SAMPIS), the Mobile Vehicle Recording System (MVRS), emergency lights, the radar and the radio when vehicle is turned off) The power/idle management device shall prevent accidental battery drainage by starting automatically the vehicle engine, without keys, when the batteries are low.	\$	\$	\$	\$	\$
33	Patrol Vehicle Carbine Blac-Rac and Secure mounting system (T-Rail)	\$	\$	\$	\$	\$
34	Patrol Vehicle Carbine Alarm system	\$	\$	\$	\$	\$
35	Equipment tray: all equipment such as modem, radio, siren amplifier, controllers, modules, relay, fuses, etc., shall be mounted on a non-conducting equipment tray in the trunk or cargo area of the MP vehicle that meets all of the specifications.	\$	\$	\$	\$	\$
36	<b>Marked SUV only. Electronics</b> Subrame Panel Mount. All	\$	\$	\$	\$	\$



	equipment such as modem, radio, siren amplifier, controllers, modules, relay, fuses, etc., shall be mounted on non-conducting equipment Sub fame in the cargo area of the MP vehicle that meets all of the specifications.					
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The contractor will be paid **Firm Prices** for the **Removal** of Standard Equipment

37	Decal Package including conspicuity markings	\$	\$	\$	\$	\$
38	All wiring associated with Police equipment , Returning vehicle to Non-Police State	\$	\$	\$	\$	\$
39	Primary roof light bar system	\$	\$	\$	\$	\$
40	four "wig-wag" strobe lights, white in colour, mounted inside the headlight housings and tail lamp flasher	\$	\$	\$	\$	\$
41	Two external front intersection strobe lights mounted on the left and right of the push bumper					
42	Two rear intersection strobe lights, red and blue in colour mounted in the left and right rear passenger windows					
43	Two "hide-away" strobe lights, white in color, mounted in the front signal light housings and two "hide-away" strobe lights, red and blue in colour, mounted in the rear back-up lights					
44	Front Grill strobe lights, red and blue in colour mounted in the front part of the push bumper					

45	<b>Marked Sedan only</b> Trunk interior warning lights, red and blue in colour, mounted on the underside of the trunk lid					
46	<b>Marked Sedan only.</b> Rear deck lights, red and blue in colour (installed on rear deck)					
47	<b>Marked SUV only.</b> Grommet/flush mount trunk lid warning lights, red and blue in colour, mounted on the underside of the trunk lid.					
48	<b>Marked SUV only.</b> Rear spoiler light, red and blue in colour (installed outside under the spoiler)					
49	Sirens and public address systems					
50	Stealth/Black out mode. (deactivates all vehicle lights except emergency lights)					
51	Mobile data terminal docking station with a locking device with key for the MDT laptop, four powered Universal Serial Bus (USB) minimum or higher 2.0 ports, a heavy-duty adjustment locking system for distance, height, tilt and rotation; and electronic swipe-card reader installed on the center console					
52	RADAR (2 antennas, main module and remote control) linked to the MVRS					
53	Ergonomic mid-console, MDT docking station, Velcro™ on the left side to secure the RADAR remote control					

54	Microphone holder for radio (driver's side), and microphone holder for PA system (passenger's side)					
55	Three 12-volt auxiliary power outlets (for accessories such as cell phone, alcohol screening device, etc.);					
56	LED goose-neck lamp with red and white lights					
57	Police Radio, antenna and external Speakers					
58	Emergency Equipment Controller					
59	Arm rest and two large cup holders					
60	Overhead ceiling console dome light equipped with both red and white lights					
61	Mobile Vehicle Recording System, front camera, screen, recording module, microphone charger, rear camera					
62	Prisoner Containment Equipment "Silent Partner" With a recessed weapon storage panel and a sliding center window					
63	Rear passenger window barriers with window-mounted rear intersection lights					
64	<b>Marked SUV only.</b> Cargo barrier in the rear cargo area.					
65	Push bumper					

66	Modem with antenna					
67	Power/idle management device (in order to ensure MP equipment is functional, i.e. the Security and Military Police Information System (SAMPIS), the Mobile Vehicle Recording System (MVRS), emergency lights, the radar and the radio when vehicle is turned off) The power/idle management device shall prevent accidental battery drainage by starting automatically the vehicle engine, without keys, when the batteries are low.					
68	Patrol Vehicle Carbine Blac-Rac and Secure mounting system (T-Rail)					
69	Patrol Vehicle Carbine Alarm system					
70	Equipment tray: all equipment such as modem, radio, siren amplifier, controllers, modules, relay, fuses, etc., shall be mounted on a non-conducting equipment tray in the trunk or cargo area of the MP vehicle that meets all of the specifications.					
71	<b>Marked SUV only.</b> <b>Electronics</b> Sub Frame Panel Mount. All equipment such as modem, radio, siren amplifier, controllers, modules, relay, fuses, etc., shall be mounted on a non-conducting equipment Sub fame in the cargo area of the MP vehicle that meets					

	all of the specifications.					
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**Annex ``D - 5 Ontario``**  
**Pricing - Basis of Payment**

The contractor will be paid the firm prices, firm all inclusive hourly rates in effect on the date the work is authorized regardless of when the it is performed.

**Pricing Tables**

**Table 1 – All level of efforts (labour) and mandatory replacement parts in order to bring the Military Vehicles and related items in accordance with Annex “A” Statement of Work and Appendix 1 to 5.**

The contractor will be paid **Firm Prices** for the **Installation** of Standard Equipment.

NATO Stock Number (NSN)	Year 1	Year 2	Extended Period 1	Extended period 2	Extended period 3
2310-20-007-2584 (Sedan)	\$	\$	\$	\$	\$
2320-20-007-5285 Sport Utility Vehicle (SUV)	\$	\$	\$	\$	\$

The contractor will be paid **Firm Prices** for the **Removal** of Standard Equipment.

NATO Stock Number (NSN)	Year 1	Year 2	Extended Period 1	Extended period 2	Extended period 3
2310-20-007-2584 (Sedan)	\$	\$	\$	\$	\$
2320-20-007-5285 Sport Utility Vehicle (SUV)	\$	\$	\$	\$	\$

**Table 2- Additional Work Request (AWR); As requested**

	Year 1	Year 2	Extended Period 1	Extended period 2	Extended period 3
Firm All Inclusive Hourly Rate for addition work request	\$	\$	\$	\$	\$

**Table 3 – Additional Work Request (AWR); As requested for Military Police Specific list of equipment.**

The contractor will be paid **Firm Prices** for the **Installation** of Standard Equipment.

Item	Equipment	Year 1	Year 2	Extended Period 1	Extended period 2	Extended period 3
1	<b>Sedan Only</b> New Decal Package includes conspicuity markings	\$	\$	\$	\$	\$
2	<b>SUV Only</b> New Decal Package includes conspicuity markings	\$	\$	\$	\$	\$
3	All wiring will be new and in accordance with Canadian Standards Association / Society of Automotive Engineers (CSA/SAE) approved. Detailed wiring diagram shall be provided for each vehicle at time of delivery	\$	\$	\$	\$	\$
4	Primary roof light bar system	\$	\$	\$	\$	\$
5	four “wig-wag” strobe lights, white in colour, mounted inside the headlight housings and tail lamp flasher	\$	\$	\$	\$	\$
6	Two external front intersection strobe lights mounted on the left and right of the push bumper	\$	\$	\$	\$	\$
7	Two rear intersection strobe lights, red and blue in colour mounted in the left and right rear passenger windows	\$	\$	\$	\$	\$
8	Two “hide-away” strobe lights, white in color, mounted in the front signal light housings and two “hide-away” strobe lights, red and blue in colour, mounted	\$	\$	\$	\$	\$



	in the rear back-up lights					
9	Front Grill strobe lights, red and blue in colour mounted in the front part of the push bumper	\$	\$	\$	\$	\$
10	<b>Marked Sedan only</b> Trunk interior warning lights, red and blue in colour, mounted on the underside of the trunk lid	\$	\$	\$	\$	\$
11	<b>Marked Sedan only.</b> Rear deck lights, red and blue in colour (installed on rear deck)	\$	\$	\$	\$	\$
12	<b>Marked SUV only.</b> Grommet/flush mount trunk lid warning lights, red and blue in colour, mounted on the underside of the trunk lid.	\$	\$	\$	\$	\$
13	<b>Marked SUV only.</b> Rear spoiler light, red and blue in colour (installed outside under the spoiler)	\$	\$	\$	\$	\$
14	Sirens and public address systems	\$	\$	\$	\$	\$
15	Stealth/Black out mode. (deactivates all vehicle lights except emergency lights)	\$	\$	\$	\$	\$
16	Mobile data terminal docking station with a locking device with key for the MDT laptop, four powered Universal Serial Bus (USB) minimum or higher 2.0 ports, a heavy-duty adjustment locking system for distance, height, tilt and rotation; and electronic swipe-card reader installed on the center console	\$	\$	\$	\$	\$
17	RADAR (2 antennas, main module and	\$	\$	\$	\$	\$

	remote control) linked to the MVRs					
18	Ergonomic mid-console, MDT docking station, Velcro™ on the left side to secure the RADAR remote control	\$	\$	\$	\$	\$
19	Microphone holder for radio (driver's side), and microphone holder for PA system (passenger's side)	\$	\$	\$	\$	\$
20	Three 12-volt auxiliary power outlets (for accessories such as cell phone, alcohol screening device, etc.);	\$	\$	\$	\$	\$
21	LED goose-neck lamp with red and white lights	\$	\$	\$	\$	\$
22	Police Radio, antenna and external Speakers	\$	\$	\$	\$	\$
23	Emergency Equipment Controller	\$	\$	\$	\$	\$
24	Arm rest and two large cup holders	\$	\$	\$	\$	\$
25	Overhead ceiling console dome light equipped with both red and white lights	\$	\$	\$	\$	\$
26	Mobile Vehicle Recording System, front camera, screen, recording module, microphone charger, rear camera	\$	\$	\$	\$	\$
27	Prisoner Containment Equipment "Silent Partner" With a recessed weapon storage panel and a sliding center window	\$	\$	\$	\$	\$

28	Rear passenger window barriers with window-mounted rear intersection lights	\$	\$	\$	\$	\$
29	<b>Marked SUV only.</b> Cargo barrier in the rear cargo area.	\$	\$	\$	\$	\$
30	Push bumper	\$	\$	\$	\$	\$
31	Modem with antenna	\$	\$	\$	\$	\$
32	Power/idle management device (in order to ensure MP equipment is functional, i.e. the Security and Military Police Information System (SAMPIS), the Mobile Vehicle Recording System (MVRS), emergency lights, the radar and the radio when vehicle is turned off) The power/idle management device shall prevent accidental battery drainage by starting automatically the vehicle engine, without keys, when the batteries are low.	\$	\$	\$	\$	\$
33	Patrol Vehicle Carbine Blac-Rac and Secure mounting system (T-Rail)	\$	\$	\$	\$	\$
34	Patrol Vehicle Carbine Alarm system	\$	\$	\$	\$	\$
35	Equipment tray: all equipment such as modem, radio, siren amplifier, controllers, modules, relay, fuses, etc., shall be mounted on a non-conducting equipment tray in the trunk or cargo area of the MP vehicle that meets all of the specifications.	\$	\$	\$	\$	\$
36	<b>Marked SUV only. Electronics</b> Subrame Panel Mount. All	\$	\$	\$	\$	\$

	equipment such as modem, radio, siren amplifier, controllers, modules, relay, fuses, etc., shall be mounted on non-conducting equipment Sub frame in the cargo area of the MP vehicle that meets all of the specifications.					
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The contractor will be paid **Firm Prices** for the **Removal** of Standard Equipment

37	Decal Package including conspicuity markings	\$	\$	\$	\$	\$
38	All wiring associated with Police equipment , Returning vehicle to Non-Police State	\$	\$	\$	\$	\$
39	Primary roof light bar system	\$	\$	\$	\$	\$
40	four "wig-wag" strobe lights, white in colour, mounted inside the headlight housings and tail lamp flasher	\$	\$	\$	\$	\$
41	Two external front intersection strobe lights mounted on the left and right of the push bumper					
42	Two rear intersection strobe lights, red and blue in colour mounted in the left and right rear passenger windows					
43	Two "hide-away" strobe lights, white in color, mounted in the front signal light housings and two "hide-away" strobe lights, red and blue in colour, mounted in the rear back-up lights					
44	Front Grill strobe lights, red and blue in colour mounted in the front part of the push bumper					

45	<b>Marked Sedan only</b> Trunk interior warning lights, red and blue in colour, mounted on the underside of the trunk lid					
46	<b>Marked Sedan only.</b> Rear deck lights, red and blue in colour (installed on rear deck)					
47	<b>Marked SUV only.</b> Grommet/flush mount trunk lid warning lights, red and blue in colour, mounted on the underside of the trunk lid.					
48	<b>Marked SUV only.</b> Rear spoiler light, red and blue in colour (installed outside under the spoiler)					
49	Sirens and public address systems					
50	Stealth/Black out mode. (deactivates all vehicle lights except emergency lights)					
51	Mobile data terminal docking station with a locking device with key for the MDT laptop, four powered Universal Serial Bus (USB) minimum or higher 2.0 ports, a heavy-duty adjustment locking system for distance, height, tilt and rotation; and electronic swipe-card reader installed on the center console					
52	RADAR (2 antennas, main module and remote control) linked to the MVRS					
53	Ergonomic mid-console, MDT docking station, Velcro™ on the left side to secure the RADAR remote control					

54	Microphone holder for radio (driver's side), and microphone holder for PA system (passenger's side)					
55	Three 12-volt auxiliary power outlets (for accessories such as cell phone, alcohol screening device, etc.);					
56	LED goose-neck lamp with red and white lights					
57	Police Radio, antenna and external Speakers					
58	Emergency Equipment Controller					
59	Arm rest and two large cup holders					
60	Overhead ceiling console dome light equipped with both red and white lights					
61	Mobile Vehicle Recording System, front camera, screen, recording module, microphone charger, rear camera					
62	Prisoner Containment Equipment "Silent Partner" With a recessed weapon storage panel and a sliding center window					
63	Rear passenger window barriers with window-mounted rear intersection lights					
64	<b>Marked SUV only.</b> Cargo barrier in the rear cargo area.					
65	Push bumper					

66	Modem with antenna					
67	Power/idle management device (in order to ensure MP equipment is functional, i.e. the Security and Military Police Information System (SAMPIS), the Mobile Vehicle Recording System (MVRS), emergency lights, the radar and the radio when vehicle is turned off) The power/idle management device shall prevent accidental battery drainage by starting automatically the vehicle engine, without keys, when the batteries are low.					
68	Patrol Vehicle Carbine Blac-Rac and Secure mounting system (T-Rail)					
69	Patrol Vehicle Carbine Alarm system					
70	Equipment tray: all equipment such as modem, radio, siren amplifier, controllers, modules, relay, fuses, etc., shall be mounted on a non-conducting equipment tray in the trunk or cargo area of the MP vehicle that meets all of the specifications.					
71	<b>Marked SUV only.</b> <b>Electronics</b> Sub Frame Panel Mount. All equipment such as modem, radio, siren amplifier, controllers, modules, relay, fuses, etc., shall be mounted on a non-conducting equipment Sub fame in the cargo area of the MP vehicle that meets					

	all of the specifications.					
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**Annex ``D - 6 Quebec``**  
**Pricing - Basis of Payment**

The contractor will be paid the firm prices, firm all inclusive hourly rates in effect on the date the work is authorized regardless of when the it is performed.

**Pricing Tables**

**Table 1 – All level of efforts (labour) and mandatory replacement parts in order to bring the Military Vehicles and related items in accordance with Annex “A” Statement of Work and Appendix 1 to 5.**

The contractor will be paid **Firm Prices** for the **Installation** of Standard Equipment.

NATO Stock Number (NSN)	Year 1	Year 2	Extended Period 1	Extended period 2	Extended period 3
2310-20-007-2584 (Sedan)	\$	\$	\$	\$	\$
2320-20-007-5285 Sport Utility Vehicle (SUV)	\$	\$	\$	\$	\$

The contractor will be paid **Firm Prices** for the **Removal** of Standard Equipment.

NATO Stock Number (NSN)	Year 1	Year 2	Extended Period 1	Extended period 2	Extended period 3
2310-20-007-2584 (Sedan)	\$	\$	\$	\$	\$
2320-20-007-5285 Sport Utility Vehicle (SUV)	\$	\$	\$	\$	\$

**Table 2- Additional Work Request (AWR); As requested**

	Year 1	Year 2	Extended Period 1	Extended period 2	Extended period 3
Firm All Inclusive Hourly Rate for addition work request	\$	\$	\$	\$	\$

**Table 3 – Additional Work Request (AWR); As requested for Military Police Specific list of equipment.**

The contractor will be paid **Firm Prices** for the **Installation** of Standard Equipment.

Item	Equipment	Year 1	Year 2	Extended Period 1	Extended period 2	Extended period 3
1	<b>Sedan Only</b> New Decal Package includes conspicuity markings	\$	\$	\$	\$	\$
2	<b>SUV Only</b> New Decal Package includes conspicuity markings	\$	\$	\$	\$	\$
3	All wiring will be new and in accordance with Canadian Standards Association / Society of Automotive Engineers (CSA/SAE) approved. Detailed wiring diagram shall be provided for each vehicle at time of delivery	\$	\$	\$	\$	\$
4	Primary roof light bar system	\$	\$	\$	\$	\$
5	four “wig-wag” strobe lights, white in colour, mounted inside the headlight housings and tail lamp flasher	\$	\$	\$	\$	\$
6	Two external front intersection strobe lights mounted on the left and right of the push bumper	\$	\$	\$	\$	\$
7	Two rear intersection strobe lights, red and blue in colour mounted in the left and right rear passenger windows	\$	\$	\$	\$	\$
8	Two “hide-away” strobe lights, white in color, mounted in the front signal light housings and two “hide-away” strobe lights, red and blue in colour, mounted	\$	\$	\$	\$	\$

	in the rear back-up lights					
9	Front Grill strobe lights, red and blue in colour mounted in the front part of the push bumper	\$	\$	\$	\$	\$
10	<b>Marked Sedan only</b> Trunk interior warning lights, red and blue in colour, mounted on the underside of the trunk lid	\$	\$	\$	\$	\$
11	<b>Marked Sedan only.</b> Rear deck lights, red and blue in colour (installed on rear deck)	\$	\$	\$	\$	\$
12	<b>Marked SUV only.</b> Grommet/flush mount trunk lid warning lights, red and blue in colour, mounted on the underside of the trunk lid.	\$	\$	\$	\$	\$
13	<b>Marked SUV only.</b> Rear spoiler light, red and blue in colour (installed outside under the spoiler)	\$	\$	\$	\$	\$
14	Sirens and public address systems	\$	\$	\$	\$	\$
15	Stealth/Black out mode. (deactivates all vehicle lights except emergency lights)	\$	\$	\$	\$	\$
16	Mobile data terminal docking station with a locking device with key for the MDT laptop, four powered Universal Serial Bus (USB) minimum or higher 2.0 ports, a heavy-duty adjustment locking system for distance, height, tilt and rotation; and electronic swipe-card reader installed on the center console	\$	\$	\$	\$	\$
17	RADAR (2 antennas, main module and	\$	\$	\$	\$	\$

	remote control) linked to the MVRs					
18	Ergonomic mid-console, MDT docking station, Velcro™ on the left side to secure the RADAR remote control	\$	\$	\$	\$	\$
19	Microphone holder for radio (driver's side), and microphone holder for PA system (passenger's side)	\$	\$	\$	\$	\$
20	Three 12-volt auxiliary power outlets (for accessories such as cell phone, alcohol screening device, etc.);	\$	\$	\$	\$	\$
21	LED goose-neck lamp with red and white lights	\$	\$	\$	\$	\$
22	Police Radio, antenna and external Speakers	\$	\$	\$	\$	\$
23	Emergency Equipment Controller	\$	\$	\$	\$	\$
24	Arm rest and two large cup holders	\$	\$	\$	\$	\$
25	Overhead ceiling console dome light equipped with both red and white lights	\$	\$	\$	\$	\$
26	Mobile Vehicle Recording System, front camera, screen, recording module, microphone charger, rear camera	\$	\$	\$	\$	\$
27	Prisoner Containment Equipment "Silent Partner" With a recessed weapon storage panel and a sliding center window	\$	\$	\$	\$	\$

28	Rear passenger window barriers with window-mounted rear intersection lights	\$	\$	\$	\$	\$
29	<b>Marked SUV only.</b> Cargo barrier in the rear cargo area.	\$	\$	\$	\$	\$
30	Push bumper	\$	\$	\$	\$	\$
31	Modem with antenna	\$	\$	\$	\$	\$
32	Power/idle management device (in order to ensure MP equipment is functional, i.e. the Security and Military Police Information System (SAMPIS), the Mobile Vehicle Recording System (MVRS), emergency lights, the radar and the radio when vehicle is turned off) The power/idle management device shall prevent accidental battery drainage by starting automatically the vehicle engine, without keys, when the batteries are low.	\$	\$	\$	\$	\$
33	Patrol Vehicle Carbine Blac-Rac and Secure mounting system (T-Rail)	\$	\$	\$	\$	\$
34	Patrol Vehicle Carbine Alarm system	\$	\$	\$	\$	\$
35	Equipment tray: all equipment such as modem, radio, siren amplifier, controllers, modules, relay, fuses, etc., shall be mounted on a non-conducting equipment tray in the trunk or cargo area of the MP vehicle that meets all of the specifications.	\$	\$	\$	\$	\$
36	<b>Marked SUV only. Electronics</b> Subrame Panel Mount. All	\$	\$	\$	\$	\$

	equipment such as modem, radio, siren amplifier, controllers, modules, relay, fuses, etc., shall be mounted on non-conducting equipment Sub frame in the cargo area of the MP vehicle that meets all of the specifications.					
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The contractor will be paid **Firm Prices** for the **Removal** of Standard Equipment

37	Decal Package including conspicuity markings	\$	\$	\$	\$	\$
38	All wiring associated with Police equipment , Returning vehicle to Non-Police State	\$	\$	\$	\$	\$
39	Primary roof light bar system	\$	\$	\$	\$	\$
40	four "wig-wag" strobe lights, white in colour, mounted inside the headlight housings and tail lamp flasher	\$	\$	\$	\$	\$
41	Two external front intersection strobe lights mounted on the left and right of the push bumper					
42	Two rear intersection strobe lights, red and blue in colour mounted in the left and right rear passenger windows					
43	Two "hide-away" strobe lights, white in color, mounted in the front signal light housings and two "hide-away" strobe lights, red and blue in colour, mounted in the rear back-up lights					
44	Front Grill strobe lights, red and blue in colour mounted in the front part of the push bumper					

45	<b>Marked Sedan only</b> Trunk interior warning lights, red and blue in colour, mounted on the underside of the trunk lid					
46	<b>Marked Sedan only.</b> Rear deck lights, red and blue in colour (installed on rear deck)					
47	<b>Marked SUV only.</b> Grommet/flush mount trunk lid warning lights, red and blue in colour, mounted on the underside of the trunk lid.					
48	<b>Marked SUV only.</b> Rear spoiler light, red and blue in colour (installed outside under the spoiler)					
49	Sirens and public address systems					
50	Stealth/Black out mode. (deactivates all vehicle lights except emergency lights)					
51	Mobile data terminal docking station with a locking device with key for the MDT laptop, four powered Universal Serial Bus (USB) minimum or higher 2.0 ports, a heavy-duty adjustment locking system for distance, height, tilt and rotation; and electronic swipe-card reader installed on the center console					
52	RADAR (2 antennas, main module and remote control) linked to the MVRS					
53	Ergonomic mid-console, MDT docking station, Velcro™ on the left side to secure the RADAR remote control					

54	Microphone holder for radio (driver's side), and microphone holder for PA system (passenger's side)					
55	Three 12-volt auxiliary power outlets (for accessories such as cell phone, alcohol screening device, etc.);					
56	LED goose-neck lamp with red and white lights					
57	Police Radio, antenna and external Speakers					
58	Emergency Equipment Controller					
59	Arm rest and two large cup holders					
60	Overhead ceiling console dome light equipped with both red and white lights					
61	Mobile Vehicle Recording System, front camera, screen, recording module, microphone charger, rear camera					
62	Prisoner Containment Equipment "Silent Partner" With a recessed weapon storage panel and a sliding center window					
63	Rear passenger window barriers with window-mounted rear intersection lights					
64	<b>Marked SUV only.</b> Cargo barrier in the rear cargo area.					
65	Push bumper					



66	Modem with antenna					
67	Power/idle management device (in order to ensure MP equipment is functional, i.e. the Security and Military Police Information System (SAMPIS), the Mobile Vehicle Recording System (MVRS), emergency lights, the radar and the radio when vehicle is turned off) The power/idle management device shall prevent accidental battery drainage by starting automatically the vehicle engine, without keys, when the batteries are low.					
68	Patrol Vehicle Carbine Blac-Rac and Secure mounting system (T-Rail)					
69	Patrol Vehicle Carbine Alarm system					
70	Equipment tray: all equipment such as modem, radio, siren amplifier, controllers, modules, relay, fuses, etc., shall be mounted on a non-conducting equipment tray in the trunk or cargo area of the MP vehicle that meets all of the specifications.					
71	<b>Marked SUV only.</b> <b>Electronics</b> Sub Frame Panel Mount. All equipment such as modem, radio, siren amplifier, controllers, modules, relay, fuses, etc., shall be mounted on a non-conducting equipment Sub fame in the cargo area of the MP vehicle that meets					

	all of the specifications.					
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**Annex ``D - 7 Maritime Provinces``**  
**Pricing - Basis of Payment**

The contractor will be paid the firm prices, firm all inclusive hourly rates in effect on the date the work is authorized regardless of when the it is performed.

**Pricing Tables**

**Table 1 – All level of efforts (labour) and mandatory replacement parts in order to bring the Military Vehicles and related items in accordance with Annex “A” Statement of Work and Appendix 1 to 5.**

The contractor will be paid **Firm Prices** for the **Installation** of Standard Equipment.

NATO Stock Number (NSN)	Year 1	Year 2	Extended Period 1	Extended period 2	Extended period 3
2310-20-007-2584 (Sedan)	\$	\$	\$	\$	\$
2320-20-007-5285 Sport Utility Vehicle (SUV)	\$	\$	\$	\$	\$

The contractor will be paid **Firm Prices** for the **Removal** of Standard Equipment.

NATO Stock Number (NSN)	Year 1	Year 2	Extended Period 1	Extended period 2	Extended period 3
2310-20-007-2584 (Sedan)	\$	\$	\$	\$	\$
2320-20-007-5285 Sport Utility Vehicle (SUV)	\$	\$	\$	\$	\$

**Table 2- Additional Work Request (AWR); As requested**

	Year 1	Year 2	Extended Period 1	Extended period 2	Extended period 3
Firm All Inclusive Hourly Rate for addition work request	\$	\$	\$	\$	\$

**Table 3 – Additional Work Request (AWR); As requested for Military Police Specific list of equipment.**

The contractor will be paid **Firm Prices** for the **Installation** of Standard Equipment.

Item	Equipment	Year 1	Year 2	Extended Period 1	Extended period 2	Extended period 3
1	<b>Sedan Only</b> New Decal Package includes conspicuity markings	\$	\$	\$	\$	\$
2	<b>SUV Only</b> New Decal Package includes conspicuity markings	\$	\$	\$	\$	\$
3	All wiring will be new and in accordance with Canadian Standards Association / Society of Automotive Engineers (CSA/SAE) approved. Detailed wiring diagram shall be provided for each vehicle at time of delivery	\$	\$	\$	\$	\$
4	Primary roof light bar system	\$	\$	\$	\$	\$
5	four “wig-wag” strobe lights, white in colour, mounted inside the headlight housings and tail lamp flasher	\$	\$	\$	\$	\$
6	Two external front intersection strobe lights mounted on the left and right of the push bumper	\$	\$	\$	\$	\$
7	Two rear intersection strobe lights, red and blue in colour mounted in the left and right rear passenger windows	\$	\$	\$	\$	\$
8	Two “hide-away” strobe lights, white in color, mounted in the front signal light housings and two “hide-away” strobe lights, red and blue in colour, mounted	\$	\$	\$	\$	\$

	in the rear back-up lights					
9	Front Grill strobe lights, red and blue in colour mounted in the front part of the push bumper	\$	\$	\$	\$	\$
10	<b>Marked Sedan only</b> Trunk interior warning lights, red and blue in colour, mounted on the underside of the trunk lid	\$	\$	\$	\$	\$
11	<b>Marked Sedan only.</b> Rear deck lights, red and blue in colour (installed on rear deck)	\$	\$	\$	\$	\$
12	<b>Marked SUV only.</b> Grommet/flush mount trunk lid warning lights, red and blue in colour, mounted on the underside of the trunk lid.	\$	\$	\$	\$	\$
13	<b>Marked SUV only.</b> Rear spoiler light, red and blue in colour (installed outside under the spoiler)	\$	\$	\$	\$	\$
14	Sirens and public address systems	\$	\$	\$	\$	\$
15	Stealth/Black out mode. (deactivates all vehicle lights except emergency lights)	\$	\$	\$	\$	\$
16	Mobile data terminal docking station with a locking device with key for the MDT laptop, four powered Universal Serial Bus (USB) minimum or higher 2.0 ports, a heavy-duty adjustment locking system for distance, height, tilt and rotation; and electronic swipe-card reader installed on the center console	\$	\$	\$	\$	\$
17	RADAR (2 antennas, main module and	\$	\$	\$	\$	\$

	remote control) linked to the MVRs					
18	Ergonomic mid-console, MDT docking station, Velcro™ on the left side to secure the RADAR remote control	\$	\$	\$	\$	\$
19	Microphone holder for radio (driver's side), and microphone holder for PA system (passenger's side)	\$	\$	\$	\$	\$
20	Three 12-volt auxiliary power outlets (for accessories such as cell phone, alcohol screening device, etc.);	\$	\$	\$	\$	\$
21	LED goose-neck lamp with red and white lights	\$	\$	\$	\$	\$
22	Police Radio, antenna and external Speakers	\$	\$	\$	\$	\$
23	Emergency Equipment Controller	\$	\$	\$	\$	\$
24	Arm rest and two large cup holders	\$	\$	\$	\$	\$
25	Overhead ceiling console dome light equipped with both red and white lights	\$	\$	\$	\$	\$
26	Mobile Vehicle Recording System, front camera, screen, recording module, microphone charger, rear camera	\$	\$	\$	\$	\$
27	Prisoner Containment Equipment "Silent Partner" With a recessed weapon storage panel and a sliding center window	\$	\$	\$	\$	\$

28	Rear passenger window barriers with window-mounted rear intersection lights	\$	\$	\$	\$	\$
29	<b>Marked SUV only.</b> Cargo barrier in the rear cargo area.	\$	\$	\$	\$	\$
30	Push bumper	\$	\$	\$	\$	\$
31	Modem with antenna	\$	\$	\$	\$	\$
32	Power/idle management device (in order to ensure MP equipment is functional, i.e. the Security and Military Police Information System (SAMPIS), the Mobile Vehicle Recording System (MVRS), emergency lights, the radar and the radio when vehicle is turned off) The power/idle management device shall prevent accidental battery drainage by starting automatically the vehicle engine, without keys, when the batteries are low.	\$	\$	\$	\$	\$
33	Patrol Vehicle Carbine Blac-Rac and Secure mounting system (T-Rail)	\$	\$	\$	\$	\$
34	Patrol Vehicle Carbine Alarm system	\$	\$	\$	\$	\$
35	Equipment tray: all equipment such as modem, radio, siren amplifier, controllers, modules, relay, fuses, etc., shall be mounted on a non-conducting equipment tray in the trunk or cargo area of the MP vehicle that meets all of the specifications.	\$	\$	\$	\$	\$
36	<b>Marked SUV only. Electronics</b> Subrame Panel Mount. All	\$	\$	\$	\$	\$

	equipment such as modem, radio, siren amplifier, controllers, modules, relay, fuses, etc., shall be mounted on non-conducting equipment Sub frame in the cargo area of the MP vehicle that meets all of the specifications.					
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The contractor will be paid **Firm Prices** for the **Removal** of Standard Equipment

37	Decal Package including conspicuity markings	\$	\$	\$	\$	\$
38	All wiring associated with Police equipment , Returning vehicle to Non-Police State	\$	\$	\$	\$	\$
39	Primary roof light bar system	\$	\$	\$	\$	\$
40	four "wig-wag" strobe lights, white in colour, mounted inside the headlight housings and tail lamp flasher	\$	\$	\$	\$	\$
41	Two external front intersection strobe lights mounted on the left and right of the push bumper					
42	Two rear intersection strobe lights, red and blue in colour mounted in the left and right rear passenger windows					
43	Two "hide-away" strobe lights, white in color, mounted in the front signal light housings and two "hide-away" strobe lights, red and blue in colour, mounted in the rear back-up lights					
44	Front Grill strobe lights, red and blue in colour mounted in the front part of the push bumper					



45	<b>Marked Sedan only</b> Trunk interior warning lights, red and blue in colour, mounted on the underside of the trunk lid					
46	<b>Marked Sedan only.</b> Rear deck lights, red and blue in colour (installed on rear deck)					
47	<b>Marked SUV only.</b> Grommet/flush mount trunk lid warning lights, red and blue in colour, mounted on the underside of the trunk lid.					
48	<b>Marked SUV only.</b> Rear spoiler light, red and blue in colour (installed outside under the spoiler)					
49	Sirens and public address systems					
50	Stealth/Black out mode. (deactivates all vehicle lights except emergency lights)					
51	Mobile data terminal docking station with a locking device with key for the MDT laptop, four powered Universal Serial Bus (USB) minimum or higher 2.0 ports, a heavy-duty adjustment locking system for distance, height, tilt and rotation; and electronic swipe-card reader installed on the center console					
52	RADAR (2 antennas, main module and remote control) linked to the MVRS					
53	Ergonomic mid-console, MDT docking station, Velcro™ on the left side to secure the RADAR remote control					

54	Microphone holder for radio (driver's side), and microphone holder for PA system (passenger's side)					
55	Three 12-volt auxiliary power outlets (for accessories such as cell phone, alcohol screening device, etc.);					
56	LED goose-neck lamp with red and white lights					
57	Police Radio, antenna and external Speakers					
58	Emergency Equipment Controller					
59	Arm rest and two large cup holders					
60	Overhead ceiling console dome light equipped with both red and white lights					
61	Mobile Vehicle Recording System, front camera, screen, recording module, microphone charger, rear camera					
62	Prisoner Containment Equipment "Silent Partner" With a recessed weapon storage panel and a sliding center window					
63	Rear passenger window barriers with window-mounted rear intersection lights					
64	<b>Marked SUV only.</b> Cargo barrier in the rear cargo area.					
65	Push bumper					

66	Modem with antenna					
67	Power/idle management device (in order to ensure MP equipment is functional, i.e. the Security and Military Police Information System (SAMPIS), the Mobile Vehicle Recording System (MVRS), emergency lights, the radar and the radio when vehicle is turned off) The power/idle management device shall prevent accidental battery drainage by starting automatically the vehicle engine, without keys, when the batteries are low.					
68	Patrol Vehicle Carbine Blac-Rac and Secure mounting system (T-Rail)					
69	Patrol Vehicle Carbine Alarm system					
70	Equipment tray: all equipment such as modem, radio, siren amplifier, controllers, modules, relay, fuses, etc., shall be mounted on a non-conducting equipment tray in the trunk or cargo area of the MP vehicle that meets all of the specifications.					
71	<b>Marked SUV only.</b> <b>Electronics</b> Sub Frame Panel Mount. All equipment such as modem, radio, siren amplifier, controllers, modules, relay, fuses, etc., shall be mounted on a non-conducting equipment Sub fame in the cargo area of the MP vehicle that meets					

	all of the specifications.					
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