

**RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:**
**Bid Receiving - PWGSC / Réception des
soumissions - TPSGC**
11 Laurier St. / 11, rue Laurier
Place du Portage, Phase III
Core 0A1 / Noyau 0A1
Gatineau, Québec K1A 0S5
Bid Fax: (819) 997-9776

**REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION**

**Proposal To: Public Works and Government
Services Canada**

We hereby offer to sell to Her Majesty the Queen in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached hereto, the goods, services, and construction listed herein and on any attached sheets at the price(s) set out therefor.

**Proposition aux: Travaux Publics et Services
Gouvernementaux Canada**

Nous offrons par la présente de vendre à Sa Majesté la Reine du chef du Canada, aux conditions énoncées ou incluses par référence dans la présente et aux annexes ci-jointes, les biens, services et construction énumérés ici sur toute feuille ci-annexée, au(x) prix indiqué(s).

Comments - Commentaires

Title - Sujet R&O for MP vehicles Outfitting		
Solicitation No. - N° de l'invitation W8486-151138/A		Date 2015-08-25
Client Reference No. - N° de référence du client W8486-151138		
GETS Reference No. - N° de référence de SEAG PW-\$\$HS-610-67847		
File No. - N° de dossier hs610.W8486-151138	CCC No./N° CCC - FMS No./N° VME	
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2015-10-06		Time Zone Fuseau horaire Eastern Daylight Saving Time EDT
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/>		
Address Enquiries to: - Adresser toutes questions à: Reynolds, Kevin		Buyer Id - Id de l'acheteur hs610
Telephone No. - N° de téléphone (819) 956-3996 ()		FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: <div>Specified Herein Précisé dans les présentes</div>		

Instructions: See Herein

Instructions: Voir aux présentes

Vendor/Firm Name and Address

**Raison sociale et adresse du
fournisseur/de l'entrepreneur**

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

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

Solicitation No. - N° de l'invitation

W8486-151138/A

Amd. No. - N° de la modif.

File No. - N° du dossier

hs610W8486-151138

Buyer ID - Id de l'acheteur

hs610

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

W8486-151138

CCC No./N° CCC - FMS No/ N° VME

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PART 1 - GENERAL INFORMATION

1. Introduction

The bid solicitation is divided into seven parts (7) plus attachments and annexes, as follows:

Part 1 General Information: provides a general description of the requirement;

Part 2 Bidder Instructions: provides the instructions, clauses and conditions applicable to the bid solicitation;

Part 3 Bid Preparation Instructions: provides bidders with instructions on how to prepare their bid;

Part 4 Evaluation Procedures and Basis of Selection: indicates how the evaluation will be conducted, the evaluation criteria that must be addressed in the bid, and the basis of selection;

Part 5 Certifications: includes the certifications to be provided;

Part 6 Financial and Other Requirements: includes specific requirements that must be addressed by bidders; and

Part 7 Resulting Contract Clauses: includes the clauses and conditions that will apply to any resulting contract.

The Annexes include the Statement of Work, the Logistics Statement of Work, the Mandatory Technical Evaluation Criteria, Basis of Payment - Pricing, DND 626 Task Authorization Form and the Federal contractors program for employment equity - certification.

2. Summary

The Department of National Defence has a requirement for repair and overhaul for the Outfitting of the Military Police Vehicles in accordance with Annex A - Statement of Work, Annex B - Logistics Statement of Work for Major Equipment, Annex C - Mandatory Evaluation Criteria, Annex D - Basis of Payment - Pricing, Annex E - DND 626, Task Authorization Form and Annex F - Federal contractors program for employment equity – certification. This equipment is positioned throughout Canada. Work must be conducted and completed at the Contractor's Canadian facility. The attached statement of work (SOW) defines the work effort required to perform R&O functions. The R&O functions include, but not limited to handling, repairing, overhauling, modifications and upgrades.

The work under this requirement will be carried out for a two (2) years period from the effective date of contract, with an option to extend the contract for three (3) additional periods of one (1) year each.

The work under this requirement will be completed on an "as and when required basis".

3. Trade Agreements

The requirement is subject to the provisions of the World Trade Organization Agreement on Government Procurement (WTO-AGP), the North American Free Trade Agreement (NAFTA), the Canada-Columbia Free Trade Agreement (CCOFTA), the Canada-Peru Free Trade Agreement (CPFTA), the Canada-Panama Free Trade Agreement (CPAFTA) and the Agreement on Internal Trade (AIT).

4. Federal Contractors Program (FCP)

The Federal Contractor's Program (FCP) for employment equity applies to this procurement; see Part 5 – Certifications, Part 7 – Resulting Contract Clauses and the annex titled Federal Contractors Program for Employment Equity – Certification"

5. Multiple Contracts

The responsive bid with the lowest aggregate evaluated price for each Region will be recommended for award of a Contract. A maximum of seven (7) responsive bids will be recommended for a Contract.

6. Debriefings

Bidders may request a debriefing on the results of the bid solicitation process. Bidders should make the request to the Contracting Authority within fifteen (15) working days of receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

PART 2 - BIDDER INSTRUCTIONS

1. Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the bid solicitation by number, date and title are set out in the [Standard Acquisition Clauses and Conditions Manual](https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual) (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

Bidders who submit a bid agree to be bound by the instructions, clauses and conditions of the bid solicitation and accept the clauses and conditions of the resulting contract.

The 2003 (2015-07-03) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

Subsection 05.4 of 2003, Standard Instructions - Goods or Services - Competitive Requirements, is amended as follows:

Delete: sixty (60) days
Insert: ninety (90) days

2. Submission of Bids

Bids must be submitted only to Public Works and Government Services Canada (PWGSC) Bid Receiving Unit by the date, time and place indicated on page 1 of the bid solicitation.

3. Former Public Servant

Contracts awarded to former public servants (FPS) in receipt of a pension or of a lump sum payment must bear the closest public scrutiny, and reflect fairness in the spending of public funds. In order to comply with Treasury Board policies and directives on contracts awarded to FPS, bidders must provide the information required below before contract award. If the answer to the questions and, as applicable the information required have not been received by the time the evaluation of bids is completed, Canada will inform the Bidder of a time frame within which to provide the information. Failure to comply with Canada's request and meet the requirement within the prescribed time frame will render the bid non-responsive.

Definitions

For the purposes of this clause, "former public servant" is any former member of a department as defined in the [Financial Administration Act](#), R.S., 1985, c. F-11, a former member of the Canadian Armed Forces or a former member of the Royal Canadian Mounted Police. A former public servant may be:

- a. an individual;
- b. an individual who has incorporated;
- c. a partnership made of former public servants; or
- d. a sole proprietorship or entity where the affected individual has a controlling or major interest in the entity.

"lump sum payment period" means the period measured in weeks of salary, for which payment has been made to facilitate the transition to retirement or to other employment as a result of the implementation of various programs to reduce the size of the Public Service. The lump sum payment period does not include the period of severance pay, which is measured in a like manner.

"pension" means a pension or annual allowance paid under the [Public Service Superannuation Act](#) (PSSA), R.S., 1985, c.P-36, and any increases paid pursuant to the [Supplementary Retirement Benefits Act](#), R.S., 1985, c.S-24 as it affects the PSSA. It does not include pensions payable pursuant to the [Canadian Forces Superannuation Act](#), R.S., 1985, c.C-17, the [Defence Services Pension Continuation Act](#), 1970, c.D-3, the [Royal Canadian Mounted Police Pension Continuation Act](#), 1970, c.R-10, and the [Royal Canadian Mounted Police Superannuation Act](#), R.S., 1985, c.R-11, the [Members of Parliament Retiring Allowances Act](#), R.S., 1985, c.M-5, and that portion of pension payable to the [Canada Pension Plan Act](#), R.S., 1985, c.C-8.

Former Public Servant in Receipt of a Pension

As per the above definitions, is the Bidder a FPS in receipt of a pension? **Yes () No ()**

If so, the Bidder must provide the following information, for all FPS in receipt of a pension, as applicable:

- a. name of former public servant;
- b. date of termination of employment or retirement from the Public Service.

By providing this information, Bidders agree that the successful Bidder's status, with respect to being a former public servant in receipt of a pension, will be reported on departmental websites as part of the published proactive disclosure reports in accordance with [Contracting Policy Notice: 2012-2](#) and the [Guidelines on the Proactive Disclosure of Contracts](#).

Work Force Adjustment Directive

Is the Bidder a FPS who received a lump sum payment pursuant to the terms of the Work Force Adjustment Directive? **Yes () No ()**

If so, the Bidder must provide the following information:

- a. name of former public servant;
- b. conditions of the lump sum payment incentive;
- c. date of termination of employment;
- d. amount of lump sum payment;
- e. rate of pay on which lump sum payment is based;
- f. period of lump sum payment including start date, end date and number of weeks;
- g. number and amount (professional fees) of other contracts subject to the restrictions of a work force adjustment program.

For all contracts awarded during the lump sum payment period, the total amount of fees that may be paid to a FPS who received a lump sum payment is \$5,000, including Applicable Taxes.

4. Enquiries - Bid Solicitation

All enquiries must be submitted to the Contracting Authority no later than seven (7) calendar days before the bid closing date. Enquiries received after that time may not be answered.

Bidders should reference as accurately as possible the numbered item of the bid solicitation to which the enquiry relates. Care should be taken by bidders to explain each question in sufficient detail in order to enable Canada to provide an accurate answer. Technical enquiries that are of a proprietary nature must be clearly marked "proprietary" at each relevant item. Items identified as "proprietary" will be treated as such except where Canada determines that the enquiry is not of a proprietary nature. Canada may edit the questions or may request that the Bidder do so, so that the proprietary nature of the question is eliminated, and the enquiry can be answered with copies to all bidders. Enquiries not submitted in a form that can be distributed to all bidders may not be answered by Canada.

5. Applicable Laws

Any resulting contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario.

Bidders may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their bid, by deleting the name of the Canadian province or territory specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the bidders.

6. Improvement of Requirement During Solicitation Period

Should bidders consider that the specifications, Statement of Work or Purchase Description contained in the bid solicitation could be improved technically or technologically, bidders are invited to make suggestions, in writing, to the Contracting Authority named in the bid solicitation. Bidders must clearly outline the suggested improvement as well as the reason for the suggestion. Suggestions that do not restrict the level of competition nor favour a particular bidder will be given consideration provided they are submitted to the Contracting Authority at least seven (7) calendar days before the bid closing date. Canada will have the right to accept or reject any or all suggestions.

7. Environmental Considerations

Canada is committed to greening its supply chain. In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to acquire products and services that have a lower impact on the environment than those traditionally acquired. Environmental performance considerations include, among other things: the reduction of greenhouse gas emissions and air contaminants; improved energy and water efficiency; reduced waste and support reuse and recycling; the use of renewable resources; reduced hazardous waste; and reduced toxic and hazardous substances. In accordance with the Policy on Green Procurement, for this solicitation:

The successful bidder will be requested, after contract award, to provide all correspondence including (but not limited to) documents, reports and invoices in electronic format unless otherwise specified by the Contracting Authority, the Technical Authority or the Procurement Authority, thereby reducing printed material.

Bidders should recycle (shred) unneeded copies of non-classified/secure documents (taking into consideration the Security Requirements).

Product components used in performing the services should be recyclable and/or reusable, whenever possible.

PART 3 - BID PREPARATION INSTRUCTIONS

1. Bid Preparation Instructions

Canada requests that bidders provide their bid in separately bound sections as follows:

- Section I: Technical Bid (three (3) hard copies)
- Section II: Financial Bid (one (1) hard copy)
- Section III: Certifications (one (1) hard copy)
- Section IV: Additional Information (one (1) hard copy)

Prices must appear in the financial bid only. No prices must be indicated in any other section of the bid.

Canada requests that bidders follow the format instructions described below in the preparation of their bid:

- a. use 8.5 x 11 inch (216 mm x 279 mm) paper;
- b. use a numbering system that corresponds to the bid solicitation.

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process Policy on Green Procurement (<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html>). To assist Canada in reaching its objectives, bidders should:

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and containing minimum 30% recycled content; and
- 2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.

Section I: Technical Bid

1. In their technical bid, bidders should demonstrate their understanding of the requirements contained in the bid solicitation and explain how they will meet these requirements. Bidders should demonstrate their capability in a thorough, concise and clear manner for carrying out the work.

The technical bid 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 under the same headings. To avoid duplication, bidders may refer to different sections of their bids by identifying the specific paragraph and page number where the subject topic has already been addressed.

Section II: Financial Bid

Bidders must submit their financial bid in accordance with the Basis of Payment specified in Part 7 and Annex D - Pricing. The total amount of Applicable Taxes must be shown separately.

Section III: Certifications

Bidders must submit the certifications required under Part 5.

Section IV: Additional Information

Supplier Contact

Canada requests that Bidders provide information for the contact person responsible for:

Repair & Overhaul Manager (R&OM)

Name: _____
Telephone No: _____
Facsimile No: _____
E-mail address: _____

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

1. Evaluation Procedures

- (a) Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the bids.

1.1 Mandatory Technical Evaluation Criteria

Bids must meet all Mandatory Technical Evaluation Criteria as detailed in Annex C - Mandatory Evaluation Criteria.

1.1.1 Mandatory Technical Evaluation Criteria – Contractor Facility

The Bidders bidding on Region 1 - British Columbia - must provide the address of the facility where the work will be performed on Annex D1 - Pricing for Region and Canadian facility and submitted with the Bid.

The Bidders bidding on Region 2 - Alberta - must provide the address of the facility where the work will be performed on Annex D2 - Pricing for Region and Canadian facility and submitted with the Bid.

The Bidders bidding on Region 3 - Saskatchewan - must provide the address of the facility where the work will be performed on Annex D3 - Pricing for Region and Canadian facility and submitted with the Bid.

The Bidders bidding on Region 4 - Manitoba - must provide the address of the facility where the work will be performed on Annex D4 - Pricing for Region and Canadian facility and submitted with the Bid.

The Bidders bidding on Region 5 - Ontario - must provide the address of the facility where the work will be performed on Annex D5 - Pricing for Region and Canadian facility and submitted with the Bid.

The Bidders bidding on Region 6 - Quebec - must provide the address of the facility where the work will be performed on Annex D6 - Pricing for Region and Canadian facility and submitted with the Bid.

The Bidders bidding on Region 7 - Maritime Provinces - must provide the address of the facility where the work will be performed on Annex D7 - Pricing for Region and Canadian facility and submitted with the Bid.

The bidder's facility, where the work will be performed, must be located in the region to which the bidder is submitting a bid.

1.1.2 Estimated Quantities

It is estimated that installation services will be required for approximately up to but not limited to thirty five (35) MP vehicles and removal services will be required for approximately up to but not limited to thirty five (35) MP vehicles on an annual basis. These estimates are provided in good faith and do not represent DND's actual requirement. This total across Canada is subdivided into the following Regions where approximate but not limited to annual quantities for installation and removal services are;

- a. British Columbia -three vehicles;
- b. Alberta - six vehicles;
- c. Saskatchewan - three vehicles;
- d. Manitoba - three vehicles
- e. Ontario - ten vehicles ;
- f. Quebec - five vehicles; and
- g. Maritimes - five vehicles

1.2 Financial Evaluation

1.2.1 Mandatory Financial Evaluation Criteria

Bidders must provide with their bid all financial information requested in the bid solicitation and at Annex D - Basis of Payment - Pricing.

Bidders bidding on Region 1 - British Columbia - must complete Annex D1 and submit with their bid.

Bidders bidding on Region 2 - Alberta - must complete Annex D2 and submit with their bid.

Bidders bidding on Region 3 - Saskatchewan - must complete Annex D3 and submit with their bid.

Bidders bidding on Region 4 - Manitoba - must complete Annex D4 and submit with their bid.

Bidders bidding on Region 5 - Ontario - must complete Annex D5 and submit with their bid.

Bidders bidding on Region 6 - Quebec - must complete Annex D6 and submit with their bid.

Bidders bidding on Region 7 - Maritime Provinces - must complete Annex D7 and submit with their bid.

Prices and Rates must be in Canadian dollars, Canadian Custom Duties and Excise Taxes included where applicable, Applicable Taxes extra.

1.2.2 Aggregate Evaluated Price Determination

The evaluated price of the bid will be determined in accordance with Annex D – Basis of Payment - Pricing.

2. Basic of Selection

A bid must comply with the requirements of the bid solicitation and meet all mandatory technical and financial evaluation criteria to be declared responsive. The responsive bid with the lowest evaluated aggregate price per region will be recommended for award of a contract.

One (1) contract will be issued for each region.

PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

Bidders must provide the required certifications and additional information to be awarded a contract.

The certifications provided by Bidders to Canada are subject to verification by Canada at all times. Canada will declare a bid non-responsive, or will declare a contractor in default if any certification made by the Bidder is found to be untrue whether made knowingly or unknowingly, during the bid evaluation period or during the contract period.

The Contracting Authority will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply and to cooperate with any request or requirement imposed by the Contracting Authority will render the bid non-responsive or constitute a default under the Contract.

1.1 Certifications Required with the Bid

Bidders must submit the following duly completed certifications as part of their bid.

1.1.1 Declaration of Convicted Offences

As applicable, pursuant to subsection Declaration of Convicted Offences of section 01 of the Standard Instructions, the Bidder must provide with its bid, a completed Declaration Form (<http://www.tpsgc-pwgsc.gc.ca/ci-if/formulaire-form-eng.html>), to be given further consideration in the procurement process.

1.2 Certifications Precedent to Contract Award and Additional Information

The certifications and additional information listed below should be submitted with the bid, but may be submitted afterwards. If any of these required certifications or additional information is not completed and submitted as requested, the Contracting Authority will inform the Bidder of a time frame within which to provide the information. Failure to provide the certifications or the additional information listed below within the time frame provided will render the bid non-responsive.

1.2.1 Integrity Provisions – List of Names

Bidders who are incorporated, including those bidding as a joint venture, must provide a complete list of names of all individuals who are currently directors of the Bidder.

Bidders bidding as sole proprietorship, as well as those bidding as a joint venture, must provide the name of the owner(s).

Bidders bidding as societies, firms or partnerships do not need to provide lists of names.

1.2.2 Federal Contractors Program for Employment Equity - Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for

employment equity "[FCP Limited Eligibility to Bid](http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml)" list (http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml) available from [Employment and Social Development Canada \(ESDC\) - Labour's](#) website.

Canada will have the right to declare a bid non-responsive if the Bidder, or any member of the Bidder if the Bidder is a Joint Venture, appears on the "[FCP Limited Eligibility to Bid](#)" list at the time of contract award.

Canada will also have the right to terminate the Contract for default if a Contractor, or any member of the Contractor if the Contractor is a Joint Venture, appears on the "[FCP Limited Eligibility to Bid](#)" list during the period of the Contract.

The Bidder must provide the Contracting Authority with a completed annex [Federal Contractors Program for Employment Equity - Certification](#), before contract award. If the Bidder is a Joint Venture, the Bidder must provide the Contracting Authority with a completed annex Federal Contractors Program for Employment Equity - Certification, for each member of the Joint Venture.

PART 6 - SECURITY, FINANCIAL AND OTHER REQUIREMENTS

1. Security Requirement

There is no security requirement associated with this bid solicitation.

2. Financial Requirement

SACC Reference	Title	Date
A9033T	Financial Capability	2012-07-16

3. Insurance Requirement

The Bidder must provide a letter from an insurance broker or an insurance company licensed to operate in Canada stating that the Bidder, if awarded a contract as a result of the bid solicitation, can be insured in accordance with the Insurance Requirements specified in Part 7.

If the information is not provided in the bid, the Contracting Authority will so inform the Bidder and provide the Bidder with a time frame within which to meet the requirement. Failure to comply with the request of the Contracting Authority and meet the requirement within that time period will render the bid non-responsive.

PART 7 - RESULTING CONTRACT CLAUSES

1. Statement of Work

The Contractor must perform the Work in accordance with Annex A - Statement of Work and Annex B - Log SOW for Major Equipment.

2.1 Work Authorization - Task Authorization

2.1.1 Work will be performed under the Contract on an "as and when requested basis".

2.1.2 With respect to the Work mentioned under paragraph 2.1.1 of this clause,

- a) an obligation will come into force only when the Contractor receives a Task Authorization, inclusive of any revisions, authorized and issued in accordance with this clause, and only to the extent designated in the authorized;
- b) the Task Authorization Authority and limit will be determined in accordance with paragraph 2.1.3 of this clause;
- c) the Contractor must not commence work until a Task Authorization, inclusive of any revisions, has been authorized and issued in accordance with the Contract. The Contractor acknowledges that work performed before a Task Authorization, inclusive of any revisions, has been authorized and issued in accordance with the Contract will be done at the Contractor's own risk and expense;
- d) the task description, inclusive of any revisions, included in an authorized Task Authorization must fall within the scope of the Statement of Work, in Annex A to B; and
- e) the Task Authorization, inclusive of any revisions, will be authorized under the Contract through the use of DND 626, Task Authorization Form. An authorized Task Authorization is a completed Annex D signed by the Task Authorization Authority.

2.1.3 Task Authorization Authority and Limit

The Procurement Authority may authorize individual Task Authorizations inclusive of any revisions up to a limit of \$40,000.00, Applicable Taxes extra.

Any Task Authorization where the total value of which would exceed that limit or any revision to a previously authorized Task Authorization that would increase the Task Authorization total value above that limit must be authorized by the Contracting Authority before issuance to the Contractor.

2.1.4 Administration of the Task Authorization Process - Department of National Defence

The administration of the Task Authorization process will be carried out by Military Police (MP) Transportation authority or its designated authorized representative. This process includes: monitoring, controlling and reporting on expenditures of the Contract to the Contracting Authority.

2.1.5 Task Authorization Process

2.1.5.1 For each task or revision of a previously authorized task, the Procurement Authority will provide the Contractor with a request to perform a task containing as a minimum:

1. the task or revised task description of the Work required, including:
 - i. the details of the activities or revised activities to be performed;
 - ii. a description of the deliverables or revised deliverables to be submitted; and
 - iii. a schedule or revised schedule indicating completion dates for the major activities or submission dates for the deliverables, or both, as applicable;
2. the Contract security requirements applicable to the task or revised task;
3. the Contract basis (bases) of payment applicable to the task or revised task; and
4. the Contract method(s) of payment applicable to the task or revised task.

2.1.5.2 Within ten (10) calendar days of its receipt of the request, the Contractor must provide the Procurement Authority with a signed and dated response containing as a minimum:

1. the total estimated cost proposed for performing the task or, as applicable, revised task;
2. a breakdown of that cost in accordance with Annex D - Pricing.

2.1.5.3 Task Authorization

1. The Procurement Authority will authorize the Task Authorization (DND 626) based on:
 - a) the request submitted to the Contractor pursuant to paragraph 2.1.5.1 above;
 - b) the Contractor's response received, submitted pursuant to paragraph 2.1.5.2 above;
and
 - c) the agreed total estimated cost for performing the task or, as applicable, revised task.

2. The authorized Task Authorization (DND 626) will be issued to the Contractor by email (as an email attachment in PDF format) by the Procurement Authority.

2.1.5.4 Task Pricing

Pricing for each task must be established as follows:

2.1.5.4.1 Firm Price

Where a firm price has been established, the Contractor must complete the work in accordance with the specified firm price. The firm price represents the total amount payable under the Task Authorization.

2.1.5.5 Periodic Usage Reports - Contracts with Task Authorizations

The Contractor must compile and maintain records on its provision of services to the federal government under authorized Task Authorizations issued under the Contract.

The Contractor must provide this data in accordance with the reporting requirements detailed below. If some data is not available, the reason must be indicated. If services are not provided during a given period, the Contractor must still provide a "nil" report.

The data must be submitted on a quarterly basis to the Contracting Authority and Procurement Authority.

The quarterly periods are defined as follows:

1st quarter: April 1 to June 30;
2nd quarter: July 1 to September 30;
3rd quarter: October 1 to December 31; and
4th quarter: January 1 to March 31.

The data must be submitted to the Contracting Authority no later than fifteen (15) calendar days after the end of the reporting period.

Reporting Requirement - Details

A detailed and current record of all authorized tasks must be kept for each contract with a task authorization process. This record must contain:

For each authorized task:

- i. the authorized task number or task revision number(s);
- ii. a title or a brief description of each authorized task;
- iii. the total estimated cost specified in the authorized Task Authorization of each task, exclusive of Applicable Taxes;

- iv. the total amount, exclusive of Applicable Taxes, expended to date against each authorized task;
- v. the start and completion date for each authorized task; and
- vi. the active status of each authorized task, as applicable.

For all authorized tasks:

- i. the amount (exclusive of Applicable Taxes) specified in the contract (as last amended, as applicable) as Canada's total liability to the contractor for all authorized Task Authorizations; and
- ii. the total amount, exclusive of Applicable Taxes, expended to date against all authorized Task Authorizations.

2.2.3 Minimum Work Guarantee

1. "Maximum Contract Value" means the sum specified in Contract clause 7.2 Limitation of Expenditure and "Minimum Contract Value" means a fixed amount of \$40,000.00.
2. Canada's obligation under the Contract is to request Work in the amount of the Minimum Contract Value or, at Canada's option, to pay the Contractor at the end of the Contract in accordance with paragraph 3 In consideration of such obligation, the Contractor agrees to stand in readiness throughout the Contract period to perform the Work described in the Contract. Canada's maximum liability for work performed under the Contract must not exceed the Maximum Contract Value, unless an increase is authorized in writing by the Contracting Authority.
3. In the event that Canada does not request work in the amount of the Minimum Contract Value during the period of the Contract, Canada must pay the Contractor the difference between the Minimum Contract Value and the total cost of the Work requested.
4. Canada will have no obligation to the Contractor under this clause if Canada terminates the Contract in whole or in part for default.

2.3 Waste and Hazardous Waste Disposal

The Contractor must handle, transport and dispose of any waste and any hazardous waste removed or uncovered in the performance of the Work in accordance with any applicable law.

3. Standard Clauses and Conditions

All instructions, clauses and conditions identified in the Contract by number, date and title are set out in the *Standard Acquisition Clauses and Conditions* Manual issued by Public Works and Government Services Canada.

3.1 General Conditions

2010C (2015-07-03) General Conditions - Services (Medium Complexity), apply to and

form part of the Contract.

Add Section 31 Warranty:

1. Despite inspection and acceptance of the Work by or on behalf of Canada and without restricting any other provision of the Contract or any condition, warranty or provision imposed by law, the Contractor warrants that, for twelve (12) months (or any other period stated in the Contract), the Work will be free from all defects in design, material or workmanship, and will conform to the requirements of the Contract. The warranty period begins on the date of delivery, or if acceptance takes place at a later date, the date of acceptance. With respect to Government Property not supplied by the Contractor, the Contractor's warranty will extend only to its proper incorporation into the Work.
2. In the event of a defect or non-conformance in any part of the Work during the warranty period, the Contractor, at the request of Canada to do so, must as soon as possible repair, replace or otherwise make good at its own option and expense the part of the Work found to be defective or not in conformance with the requirements of the Contract.
3. Despite paragraph 1 and 2, if recurring or similar defects or failure occur, at Canada's option the Contractor must replace, repair or otherwise make good, at its own expense any work that is defective or fails to conform to the requirement of the Contract, where applicable.
4. The Contractor must pay the transportation cost associated returning the Work or any part of the Work found to be defective or non-conforming to the Contractor's plant for the replacement, repair or making good. The Contractor must also pay the transport cost associated with forwarding the replacement or returning the Work or part of the Work when rectified to the point of delivery specified in the Contract or to another location as directed by Canada. However, when in the opinion of Canada it is not expedient to remove the Work from its location, the Contractor must carry out any necessary repair or making good of the Work at that location. In such cases, the Contractor will be responsible for all Costs (including travel and living expenses) incurred in doing so, Canada will not reimburse these Costs.
5. The warranty period is automatically extended by the duration of any period or periods where the Work is unavailable for use or cannot be used because of a defect or non-conformance during the warranty period, for the greater of:
 - (a) the warranty period remaining, including the extension, or
 - (b) ninety (90) days or such other period as may be specified for that purpose by agreement between the Parties.
6. All warranty repairs, replacement or making good must be completed and delivered to Canada within 90 days of the receipt of the Work.

Add Section 32 Subcontracts

1. Except as provided in subsection 2, the Contractor must obtain the Contracting Authority's written consent before subcontracting or permitting the subcontracting of any part of the Work. A subcontract includes a contract entered into by any subcontractor at any tier to perform any part of the Work.
2. The Contractor is not required to obtain consent for subcontracts specifically authorized in the Contract. The Contractor may also without the consent of the Contracting Authority:
 - a. purchase "off-the-shelf" items and any standard articles and materials that are ordinarily produced by manufacturers in the normal course of business;
 - b. subcontract any incidental services that would ordinarily be subcontracted in performing the Work;
 - c. in addition to purchases and services referred to in paragraphs (a) and (b), subcontract any part or parts of the Work to one or more subcontractors up to a total value of 40 percent of the Contract Price; and
 - d. permit its subcontractors at any tier to make purchases or subcontract as permitted in paragraphs (a), (b) and (c).
3. In any subcontract other than a subcontract referred to in paragraph 2.(a), the Contractor must, unless the Contracting Authority agrees in writing, ensure that the subcontractor is bound by conditions compatible with and, in the opinion of the Contracting Authority, not less favourable to Canada than the conditions of the Contract, with the exception of requirements under the Federal Contractors Program for employment equity which only apply to the Contractor.
4. Even if Canada consents to a subcontract, the Contractor is responsible for performing the Contract and Canada is not responsible to any subcontractor. The Contractor is responsible for any matters or things done or provided by any subcontractor under the Contract and for paying any subcontractors for any part of the Work they perform.

4. Term of Contract

4.1 Period of Contract

The period of the Contract is from date of Contract to **to be inserted by PWGSC** inclusive.

4.2 Option to Extend the Contract

The Contractor grants to Canada the irrevocable option to extend the contract period by up to three (3) additional periods of one (1) year under the same terms and conditions. The Contractor agrees that, during the extended period of the Contract, it will be paid in accordance with the applicable provisions as set out in the Basis of Payment. Canada may exercise this option at any time by sending a written notice to the Contractor at least thirty (30) calendar days before the Contract expiry date. The option may only be exercised by the Contracting Authority, and will be evidenced for administrative purposes only, through a contract amendment.

5. Authorities

5.1 Contracting Authority

The Contracting Authority for the Contract is:

Kevin Reynolds
Supply Specialist
Public Works and Government Services Canada
Acquisitions Branch
LEFTD - HS Division
Place du Portage, Phase III, 7B1
Gatineau, Quebec K1A 0S5
Telephone: 819-956-3996
Facsimile: 819-956-5227
E-mail address: Kevin.reynolds@pwgsc-tpsgc.gc.ca

The Contracting Authority is responsible for the management of the Contract and any changes to the Contract must be authorized in writing by the Contracting Authority. The Contractor must not perform work in excess of or outside the scope of the Contract based on verbal or written requests or instructions from anybody other than the Contracting Authority.

5.2 Procurement Authority

The Procurement Authority for the contract is:

to be inserted by PWGSC

DLP _____
National Defence Headquarters
Mgen. George R. Pearkes Building
101 Colonel By Drive
Ottawa, Ontario K1A 0K2
Telephone: _____
Facsimile: _____
E-mail address: _____

The Procurement Authority is the representative of the department or agency for whom the Work is being carried out under the Contract. The Procurement Authority is responsible for the implementation of tools and processes required for the administration of the Contract. The Contractor may discuss administrative matters identified in the Contract with the Procurement Authority however the Procurement Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of Work can only be made through a contract amendment issued by the Contracting Authority.

5.3 Technical Authority

The Technical Authority for the Contract is:

to be inserted by PWGSC

National Defence Headquarters
Mgen. George R. Pearkes Building
101 Colonel By Drive
Ottawa, Ontario K1A 0K2

Telephone: _____
Facsimile: _____
E-mail address: _____

The Technical Authority is the representative of the department or agency for whom the Work is being carried out under the Contract and is responsible for all matters concerning the technical content of the Work under the Contract. Technical matters may be discussed with the Technical Authority; however, the Technical Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of the Work can only be made through a contract amendment issued by the Contracting Authority.

5.4 Military Police Transportation Authority

The Military Police Transportation Authority for the Contract is:

to be inserted by PWGSC

Canadian Forces Military Police Group HQ
National Defence
Ottawa, On
K1A 0K2

The transportation authority is the representative of the Military Police Group who will be administrating all tasking under this contract. It will also be responsible of tracking all expenditure under this contract and report it to the PA on a regular basis.

5.5 Quality Assurance Authority

National Defence Quality Assurance Representative (NDQAR):

to be inserted by PWGSC

Department Of National Defence
Director General, Quality Assurance
National Defence Headquarters
MGen George R. Pearkes Building
101 Colonel By Dr.
Ottawa On. K1A 0K2
Tel: _____
Fax: _____
Email: _____

The NDQAR Quality Assurance Authority is responsible for quality assurance of all work received under this contract. The above Authority may delegate their authority and may act through their duly appointed representatives. The NDQAR Authority is the representative of the department or agency for whom the Work is being performed under the Contract and is responsible for the Quality Assurance activities related to the work and finished product. The NDQAR Authority may be represented on-site by a designated Government of Canada Quality Assurance Representative (QAR) who may time to time be assigned in support of the designated Inspector

5.6 Contractor's Representative

The Repair and Overhaul Representative for the Contract is:

Name: **to be inserted by PWGSC**

Telephone No. _____

Facsimile No. _____

E-mail address: _____

6. Proactive Disclosure of Contracts with Former Public Servants

By providing information on its status, with respect to being a former public servant in receipt of a Public Service Superannuation Act (PSSA) pension, the Contractor has agreed that this information will be reported on departmental websites as part of the published proactive disclosure reports, in accordance with Contracting Policy Notice: 2012-2 of the Treasury Board Secretariat of Canada.

7. Payment

7.1 Basis of Payment

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract (or task authorization), the Contractor will be paid in accordance with Annex D - Pricing, Customs Duty and Excise Taxes included where applicable, and Applicable Taxes extra.

7.2 Limitation of Expenditure - Cumulative Total of all Task Authorizations

1. Canada's total liability to the Contractor under the Contract for all authorized Task Authorizations (TAs), inclusive of any revisions, must not exceed the sum of \$ (to be inserted by PWGSC) Customs duties and Applicable Taxes are extra.
2. No increase in the total liability of Canada will be authorized or paid to the Contractor unless an increase has been approved, in writing, by the Contracting Authority.
3. The Contractor must notify the Contracting Authority in writing as to the adequacy of this sum:
 - a. when it is 75 percent committed, or
 - b. four (4) months before the contract expiry date, or
 - c. as soon as the Contractor considers that the sum is inadequate for the completion of the Work required in all authorized TAs, inclusive of any revisions, whichever comes first.
4. If the notification is for inadequate contract funds, the Contractor must provide to the Contracting Authority, a written estimate for the additional funds required. Provision of such information by the Contractor does not increase Canada's liability.

7.3 Multiple Payments

Canada will pay the Contractor upon completion of tasks and delivery of units in accordance with the payment provisions of the Contract if:

- a. an accurate and complete invoice and any other documents required by the Contract have been submitted in accordance with the invoicing instructions provided in the Contract;
- b. all such documents have been verified by Canada;
- c. the Work delivered has been accepted by Canada.

7.4 SACC Manual Clauses

SACC Reference	Title	Date
C0710C	Time and Contract Price Verification	2007-11-30

8. Invoicing Instructions

The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.

The Contractor must submit invoices on its own form, and must include the following information:

- a. Date
- b. Name and address of the consignee(s)
- c. Contract number, serial number and DND financial coding
- d. Task Authorization Number
- e. Rate of payment applicable to the labour hours
- f. Labour categories
- g. Labour hours
- h. Cost of materials related to the task
- i. Approved travel and living expenses (receipts required)
- j. Cost of subcontractor related to the task
- k. Supporting documentation such as, but not limited to detailed copies of subcontractor and material/parts invoices, copies of travel, hotel, car rental and airline receipts

8.1 Distribution of Invoices

Invoices must be distributed as follows:

- a. The original must be forwarded or emailed to the Procurement Authority identified under the section entitled "Authorities" of the Contract for acceptance and payment.
- b. One (1) copy must be forwarded or emailed to the Contracting Authority identified under the section entitled "Authorities" of the Contract.

Note: Any credit notes (spares, scrap material) with supporting documentation must be shown as a credit on the invoice.

9. Certifications

9.1 Compliance

The continuous compliance with the certifications provided by the Contractor in its bid and the ongoing cooperation in providing associated information are conditions of the Contract. Certifications are subject to verification by Canada during the entire period of the Contract. If the Contractor does not comply with any certification, fails to provide the associated information, or if it is determined that any certification made by the Contractor in its bid is untrue, whether made knowingly or unknowingly, Canada has the right, pursuant to the default provision of the Contract, to terminate the Contract for default.

9.2 Federal Contractor Program for Employment Equity - Default by Contractor

The Contractor understands and agrees that, when an Agreement to Implement Employment Equity (AIEE) exists between the Contractor and Employment and Social Development Canada (ESDC)-Labour, the AIEE must remain valid during the entire period of the Contract. If the AIEE becomes invalid, the name of the Contractor will be added to the "[FCP Limited Eligibility to Bid](#)" list. The imposition of such a sanction by ESDC will constitute the Contractor in default as per the terms of the Contract.

10. Applicable Laws

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario.

11. Priority of Documents

If there is a discrepancy between the wording of any documents that appear on the list, the wording of the document that first appears on the list has priority over the wording of any document that subsequently appears on the list.

- a. the Articles of Agreement;
- b. the 2010C (2015-07-03) General Conditions - Services (Medium Complexity);
- c. Annex A - Statement of Work
- d. Annex B - Logistics Statement of Work for Major Equipment
- e. Annex D - Basis of Payment - Pricing;
- f. the signed Task Authorizations (DND 626), including all of its annexes, if any;
- g. the Contractor's bid dated (**To be inserted by PWGSC**).

12. SACC Manual Clauses

SACC Reference	Title	Date
A2000C	Foreign Nationals (Canadian Contractor)	2006-06-16
A9006C	Defence Contract	2012-07-16
A9062C	Canadian Forces Site Regulations	2011-05-16

A1009C	Work Site Access	2008-05-12
C2800C	Priority Ratings	2013-01-28
C2801C	Priority Rating - Canadian Contractors	2011-05-16
D5510C	Quality Assurance Authority - (DND) – Canadian Based Contractor	2012-07-16
D5540C	ISO 9001:2008 Quality Management Systems – Requirements (QAC Q)	2010-08-16
D5606C	Release Documents (DND) – Canadian-based Contractor	2012-07-16
L5001C	Surplus Government Property	2008-05-12

13. Preparation for Delivery

The Contractor must prepare all items for delivery in accordance with Annex A to B - Statement of Work. All equipment must be delivered in a fully serviceable condition.

14. Insurance Requirements

The Contractor must comply with the insurance requirements specified herein. The Contractor must maintain the required insurance coverage for the duration of the Contract. Compliance with the insurance requirements will not release the Contractor from or reduce its liability under the Contract.

The Contractor is responsible to decide if additional insurance coverage is necessary to fulfill its obligation under the Contract and to ensure compliance with any applicable law. Any additional insurance coverage will be at the Contractor's expense, and for its own benefit and protection.

The Contractor must forward to the Contracting Authority within ten (10) calendar days after the date of award of the Contract a Certificate of Insurance including details of the insurance coverage, exclusions, deductibles and conditions and confirming that the insurance policy complying with the requirements is in force. The Contractor must, if requested by the Contracting Authority, forward to Canada a certified true copy of all applicable insurance policies.

15. Commercial General Liability Insurance

1. The Contractor must obtain Commercial General Liability Insurance, and maintain it in force throughout the duration of the Contract, in an amount usual for a contract of this nature, but for not less than \$2,000,000.00, per accident or occurrence and in the annual aggregate.

2. The Commercial General Liability policy must include the following:

- a. Additional Named Insured: Canada is added as an additional named insured, but only with respect to liability arising out of the performance of the Contract. The interest of Canada as additional insured should read as follows: Canada, represented by the Department of National Defence and/or Public Works and Government Services Canada.

-
- b. Bodily Injury and Property Damage to third parties arising out of the operations of the Contractor.
 - c. Products and Completed Operations: Coverage for bodily injury or property damage arising out of goods or products manufactured, sold, handled, or distributed by the Contractor and/or arising out of operations that have been completed by the Contractor.
 - d. Personal Injury: While not limited to, the coverage must include Violation of Privacy, Libel and Slander, False Arrest, Detention or Imprisonment and Defamation of Character.
 - e. Cross Liability/Separation of Insureds: Without increasing the limit of liability, the policy must protect all insured parties to the full extent of coverage provided. Further, the policy must apply to each Insured in the same manner and to the same extent as if a separate policy had been issued to each.
 - f. Blanket Contractual Liability: The policy must, on a blanket basis or by specific reference to the Contract, extend to assumed liabilities with respect to contractual provisions.
 - g. Employees and, if applicable, Volunteers must be included as Additional Insured.
 - h. Employers' Liability (or confirmation that all employees are covered by Worker's compensation (WSIB) or similar program)
 - i. Broad Form Property Damage including Completed Operations: Expands the Property Damage coverage to include certain losses that would otherwise be excluded by the standard care, custody or control exclusion found in a standard policy.
 - j. Notice of Cancellation: The Insurer will endeavour to provide the Contracting Authority thirty (30) days written notice of policy cancellation.
 - k. If the policy is written on a claims-made basis, coverage must be in place for a period of at least 12 months after the completion or termination of the Contract.
 - l. Owners' or Contractors' Protective Liability: Covers the damages that the Contractor becomes legally obligated to pay arising out of the operations of a subcontractor.
 - m. Non-Owned Automobile Liability - Coverage for suits against the Contractor resulting from the use of hired or non-owned vehicles.
 - n. All Risks Tenants Legal Liability - to protect the Contractor for liabilities arising out of its occupancy of leased premises.
 - o. Sudden and Accidental Pollution Liability (minimum 120 hours): to protect the Contractor for liabilities arising from damages caused by accidental pollution incidents.

16. Bailee's Customer's Goods Insurance

The Contractor must obtain Bailee's Customer's Goods insurance while Government Property is under its care, custody or control for repair or servicing, and maintain it in force throughout the duration of the Contract, in an amount of not less than \$500,000.00. Government Property must be insured on an Actual Cash Value (depreciated cost).

1. Administration of Claims: The Contractor must notify Canada promptly about any losses or damages to Government Property and monitor, investigate and document losses of or damage to ensure that claims are properly made and paid.

2. The Bailee's Customer's Goods must include the following:

- a. Notice of Cancellation: The Insurer will endeavour to provide the Contracting Authority thirty (30) days written notice of cancellation.
- b. Settlement of Claims: The insurance proceeds regarding any loss of or damage to Government Property must be payable to the appropriate party as directed by the Contracting Authority.
- c. Waiver of Subrogation Rights: Contractor's Insurer to waive all rights of subrogation against Canada as represented by the Department of National Defence and Public Works and Government Services Canada for any and all loss of or damage to the property however caused.

17. Access to DND Establishments and Canadian Forces (CF) Locations

Contractor Personnel requiring casual access to DND Establishments and Canadian Forces (CF) location do not require Security Clearance but must be escorted at all times. Names of individuals, place and date of birth, their National Clearance (if any personnel already have a security level) and proposed date of visits are to be reported to:

National Defence Headquarters
101 Colonel By Drive
Ottawa, Ontario
K1A 0K2
Attn: **(To be inserted by PWGSC)**

18. Shipping Instructions - Delivery of Vehicles

18.1 Delivery of Vehicles

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.

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

19. Meeting

The Contractor must be responsible for the drafting and promulgation of the agenda and minutes for the meeting. Meetings will be convened to review technical, contractual and procedural requirements, and will be held at the Contractor's facilities, DND's facilities or via teleconference, at Canada's discretion, with representatives of the Contractor, the Department of National Defence and Public Works and Government Services Canada. All meetings must be at no additional cost to Canada.

19.1 Meeting following the Contract Award

The Contractor must contact the Contracting Authority to schedule the meeting within ten (10) calendar days after contract award. The meeting must take place within three (3) weeks after contract award.

19.2 Progress Meetings

Progress Meetings will take place as and when required, at Canada's discretion.

20. Reports

The Contractor must provide all reports when requested as detailed in Annex A - Statement of Work and Annex B - Logistics Statement of Work (LOG SOW).

21. Drawings, Reports, Data

All drawings, reports, data documents or materials produced by the Contractor in providing the specified services must be delivered to the Technical Authority and must not be released to any person or agency without express permission of the Technical Authority.

22. Protection of Government Property

The Contractor must keep all Government Property, while in its possession or subject to its control, in accordance with the following at all time:

all Government Property that are not inside a reusable wood or steel container must be kept in a secured indoor storage location; and

all other Government Property must be kept in a secured storage location and must be protected from the elements and related damages.

23. Release Documents - Distribution

The Contractor must prepare the release documents in a current electronic format and distribute them as follows:

- a. One (1) copy mailed to consignee marked: "Attention: Receipts Officer";

- b. Two (2) copies with shipment (in a waterproof envelope) to the consignee;
- c. One (1) copy to the Contracting Authority;
- d. One (1) copy to:

National Defence Headquarters
Mgen George R. Pearkes Building
101 Colonel By Drive
Ottawa, ON K1A 0K2

Attention: **to be inserted by PWGSC**

- e. One (1) copy to the Quality Assurance Representative;
- f. One (1) copy to the Contractor; and

24. Environmental Considerations

Canada is committed to greening its supply chain. In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to acquire products and services that have a lower impact on the environment than those traditionally acquired. Environmental performance considerations include, among other things: the reduction of greenhouse gas emissions and air contaminants; improved energy and water efficiency; reduced waste and support reuse and recycling; the use of renewable resources; reduced hazardous waste; and reduced toxic and hazardous substances. In accordance with the Policy on Green Procurement:

The Contractor is requested to provide all correspondence including (but not limited to) documents and reports in electronic format unless otherwise specified by the Contracting Authority, the Technical Authority or the Procurement Authority, thereby reducing printed material.

The Contractor should recycle (shred) unneeded copies of non-classified/secure documents (taking into consideration the Security Requirements).

Product components used in performing the services should be recyclable and/or reusable, whenever possible.

25. Contractor Facility

The Contractor's facility where the work will be performed is located at:

Region: (to be inserted by PWGSC)

(to be inserted by PWGSC)_____

Region: (to be inserted by PWGSC)

(to be inserted by PWGSC)_____

Region: (to be inserted by PWGSC)

(to be inserted by PWGSC)_____

The Contractor's facility, where the work will be performed, must be located within the region(s) covered by the Contract.

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.

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 – 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 ¼ 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

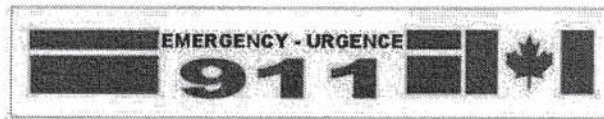


Figure 3A – Emergency telephone marking (where 911 service is available)

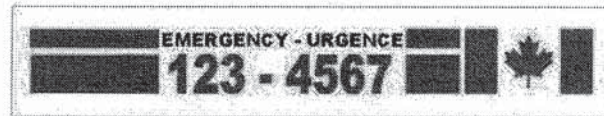


Figure 3B – Alternate emergency telephone marking (where 911 service is not available)

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.



14" from
bottom of
lettering to
hood edge

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).

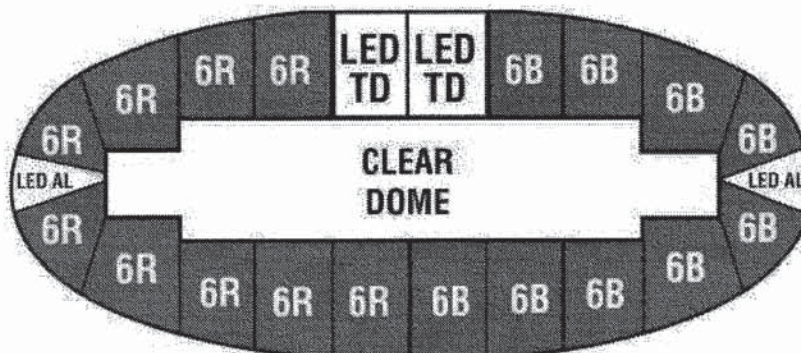


Figure 6 – Federal Signal – Arjent® S2 Light Bar configuration

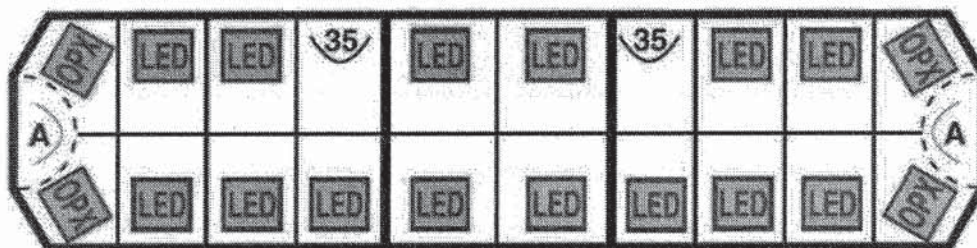
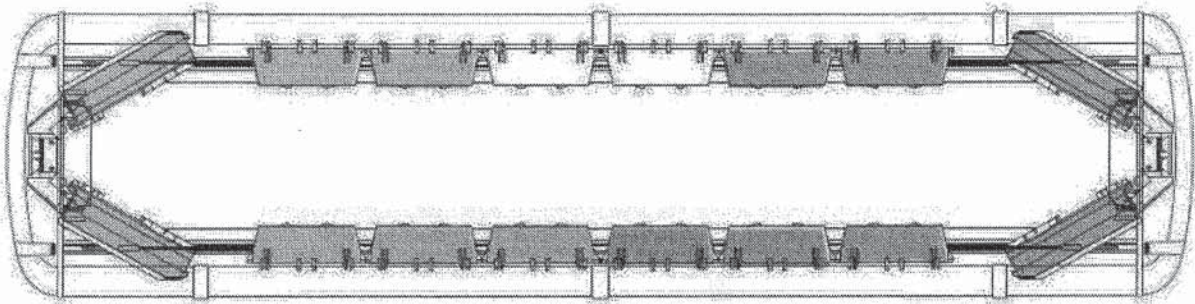


Figure 7 –



– 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):

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):

D&R Electronics ® – MR6LJB-A or equivalent; or

or equivalent

- (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

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
– 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.

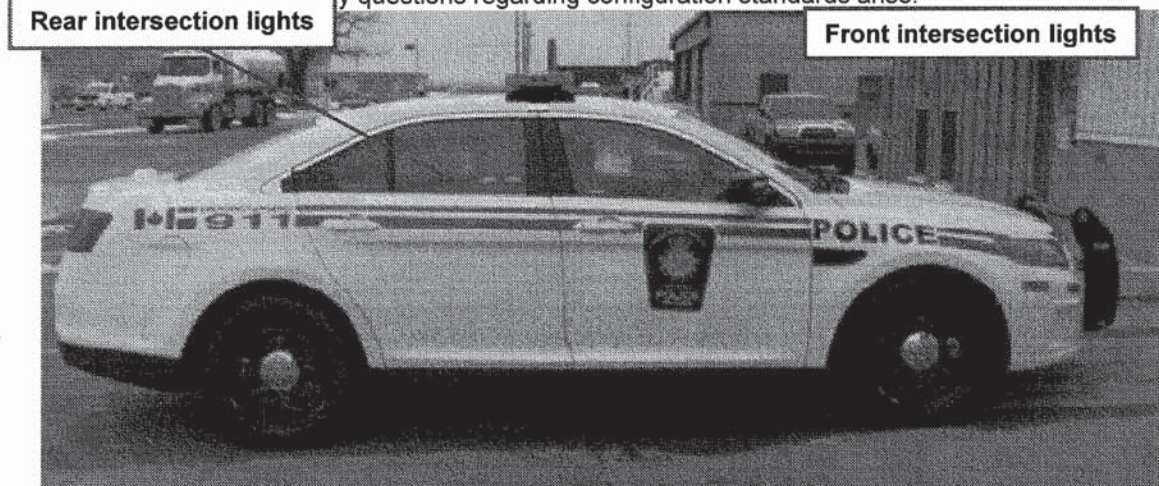


Figure 9 – Ford Police Interceptor Sedan - Side view

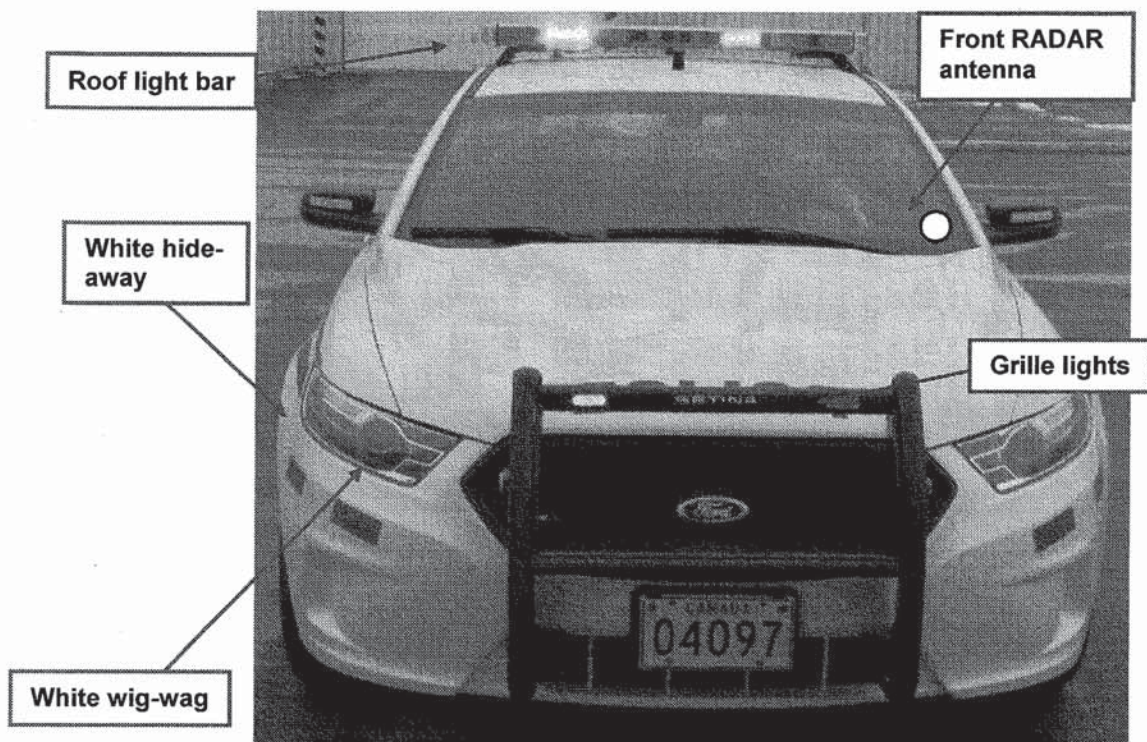


Figure 10 – Ford Police Interceptor Sedan - Front view

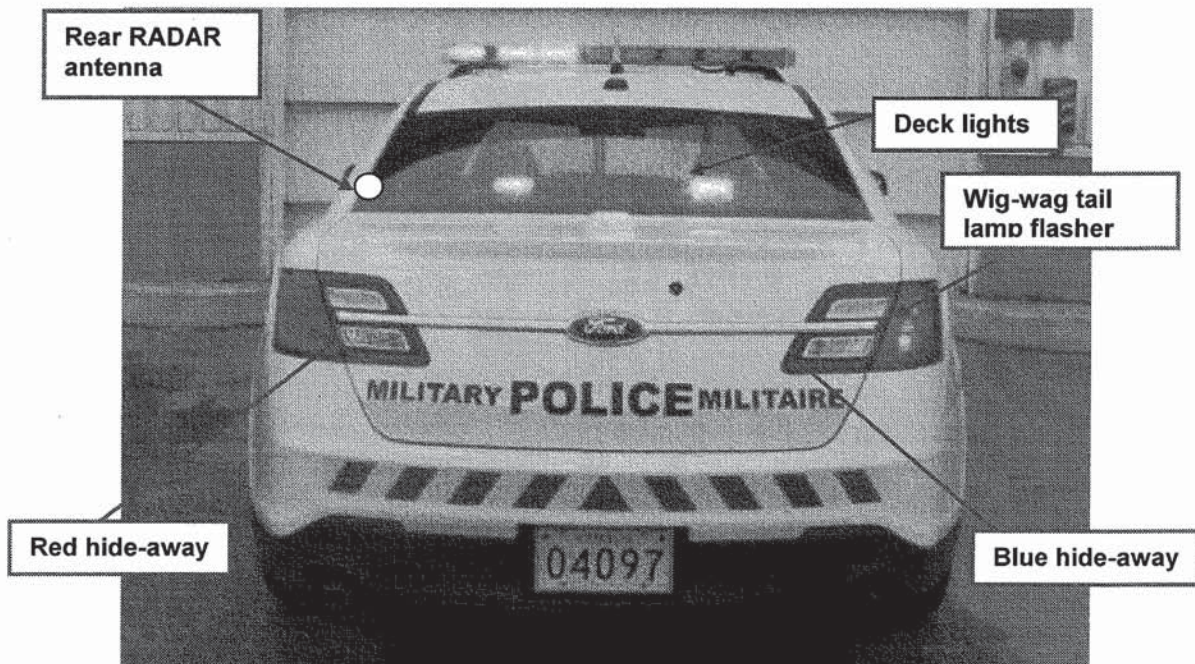


Figure 11 – Ford Police Interceptor Sedan - Rear view

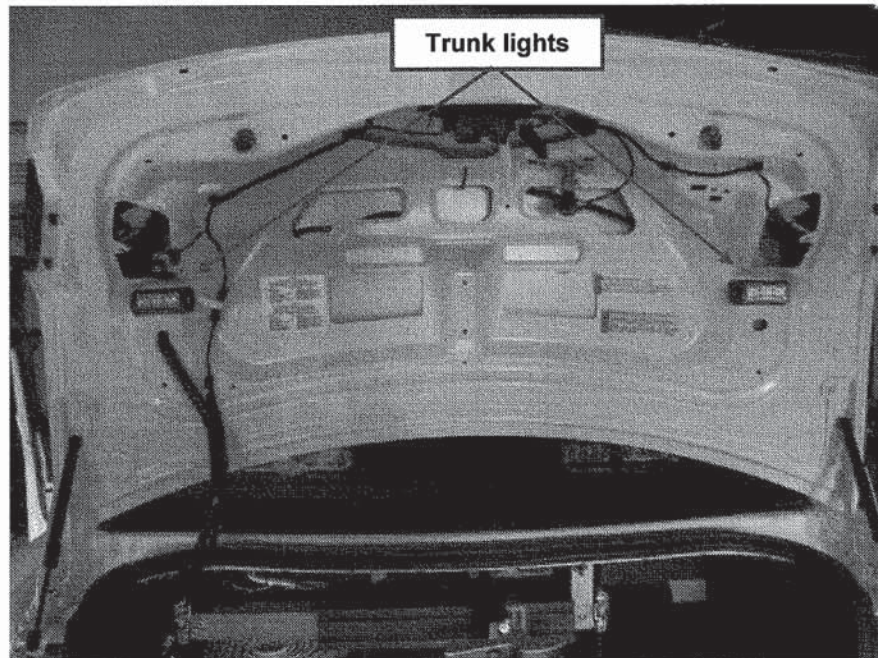


Figure 12 – Ford Police Interceptor Sedan – Placement of trunk-lid police lights

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);

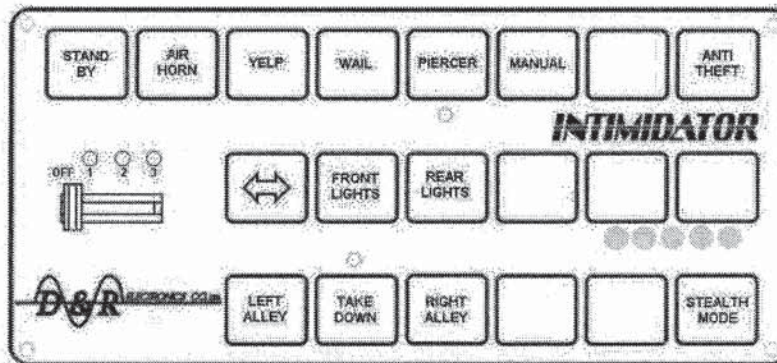


Figure 13 – D&R Electronics – Intimidator Controller

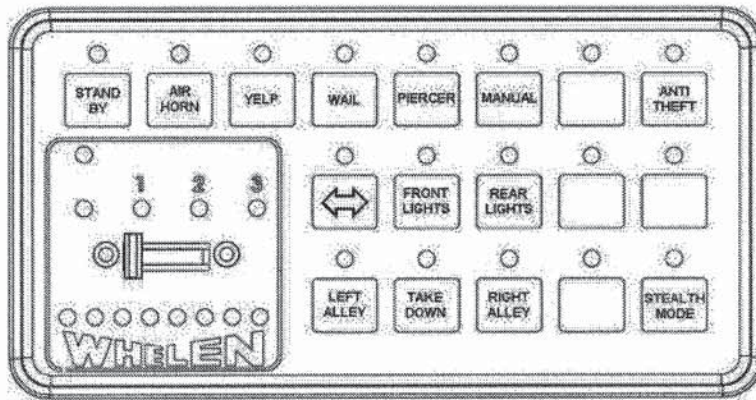


Figure 14 – Whelen – CenCom Sapphire Controller

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

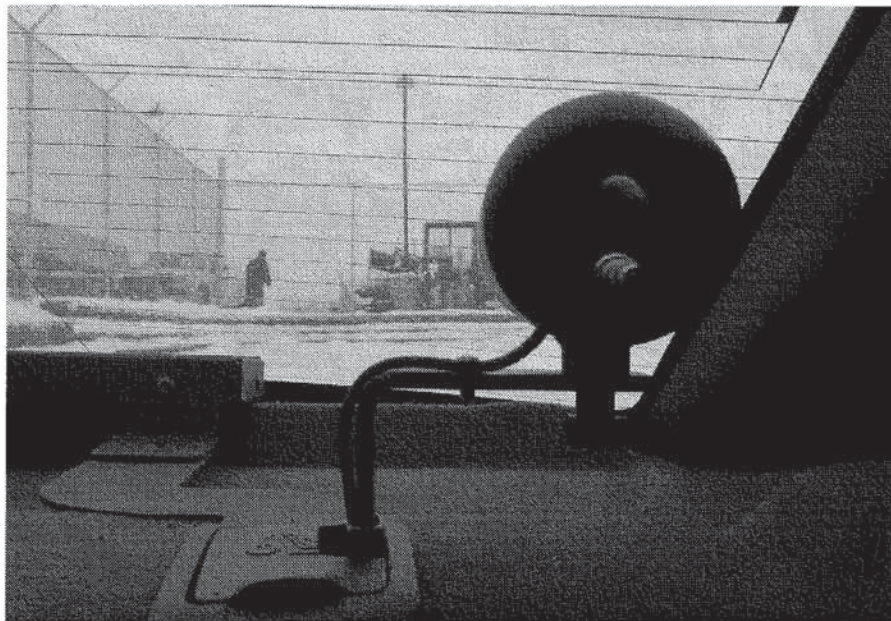


Figure 15B – Rear RADAR antenna bracket and location



Figure 16 – RADAR module location

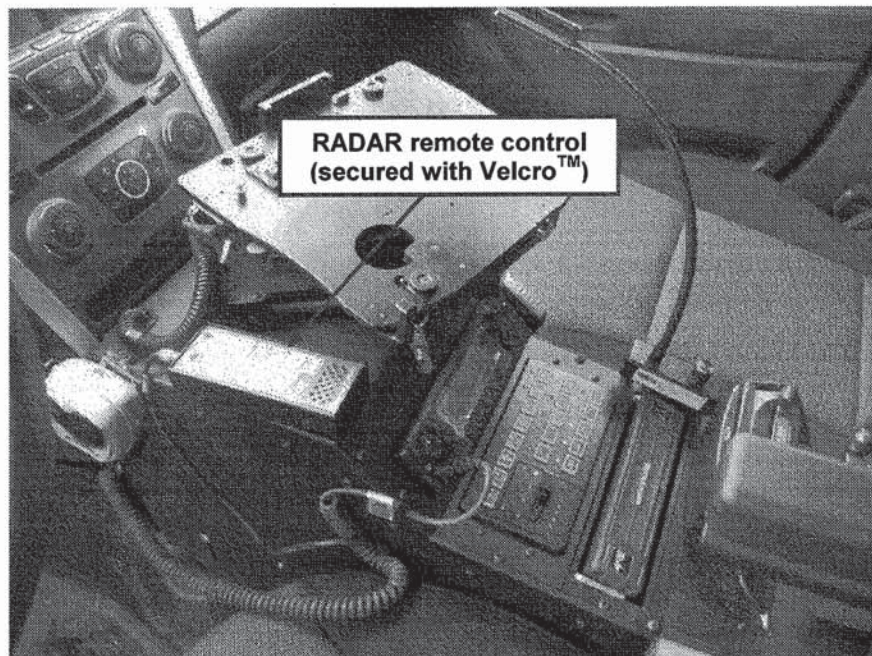


Figure 17 – RADAR remote control location

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.

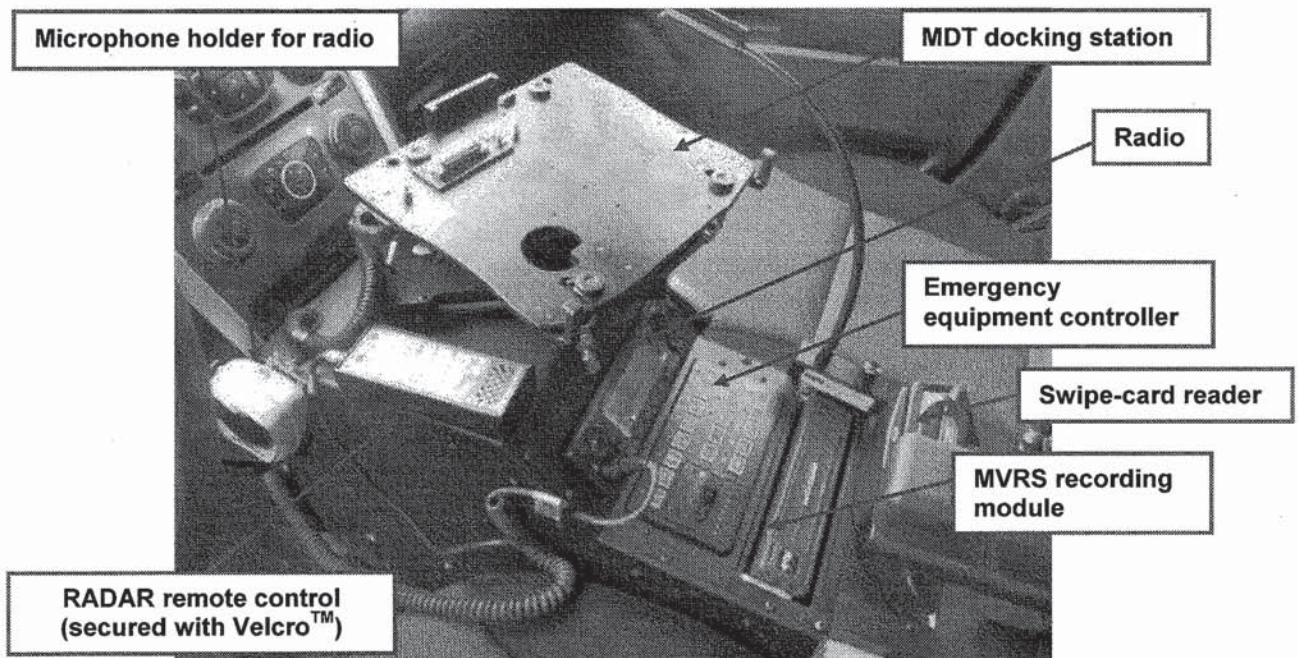


Figure 18 – Ergonomic mid-console configuration example

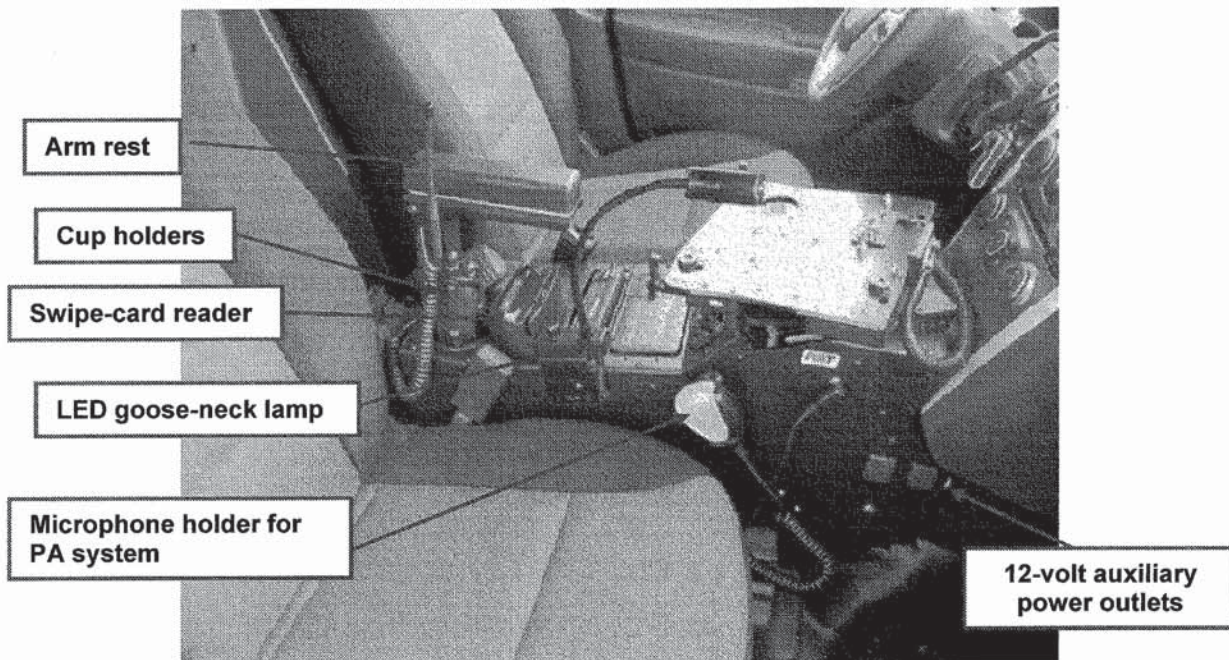


Figure 19 – Ergonomic mid-console configuration example

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 found 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.

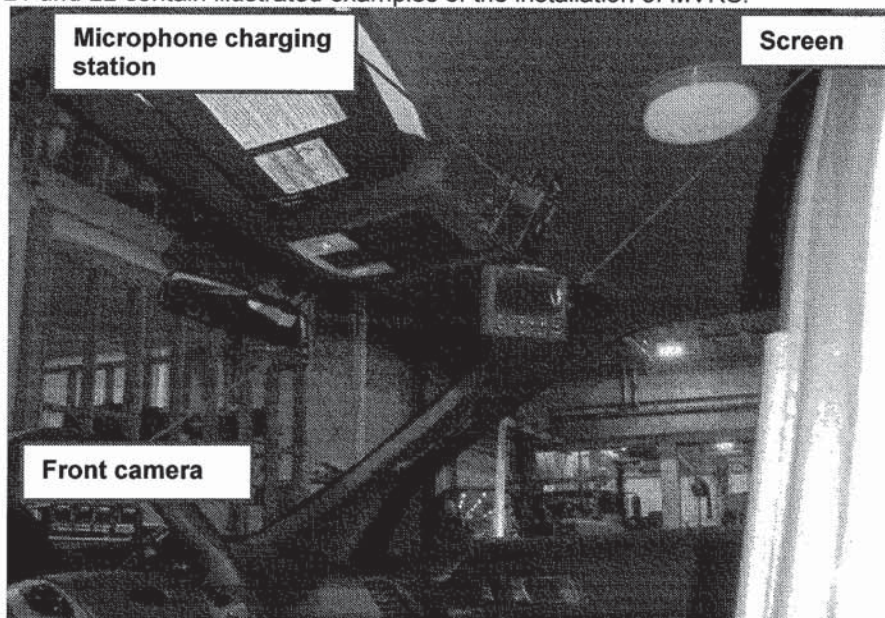


Figure 20 – MVRs modular system (front camera, microphone charging station and screen)

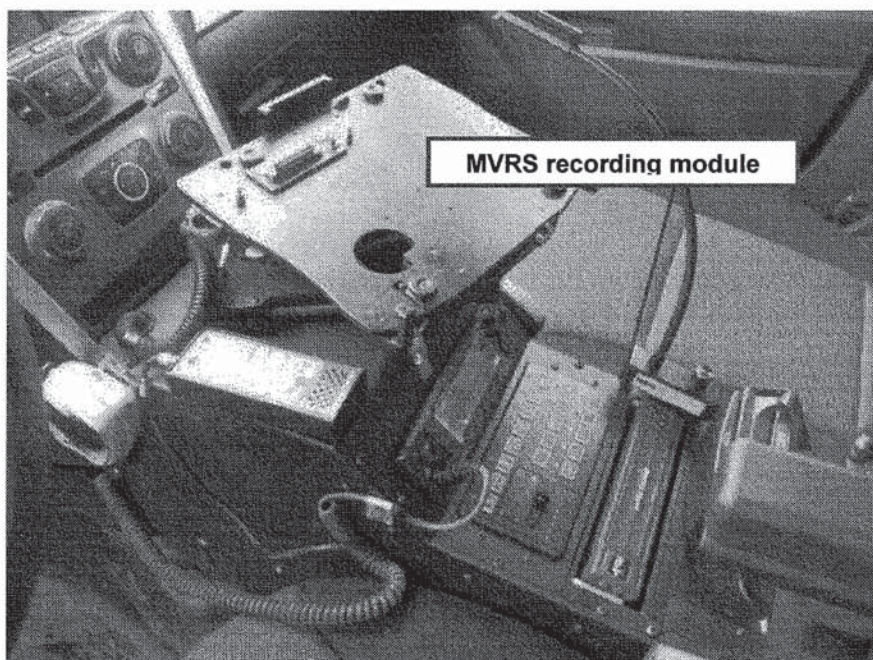


Figure 21 – MVRs modular system (recording module)

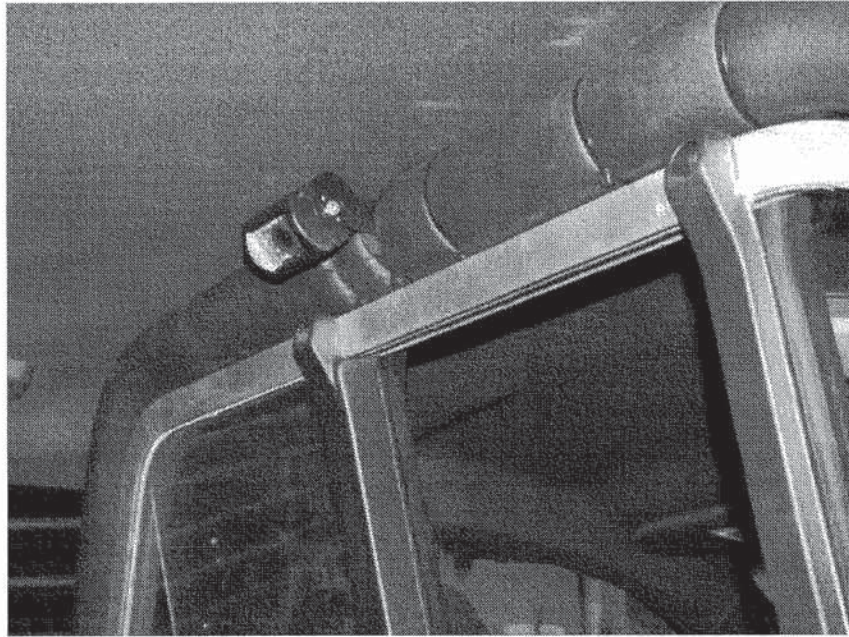


Figure 22 – MVRS rear camera

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.

ed weapon storage panel



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

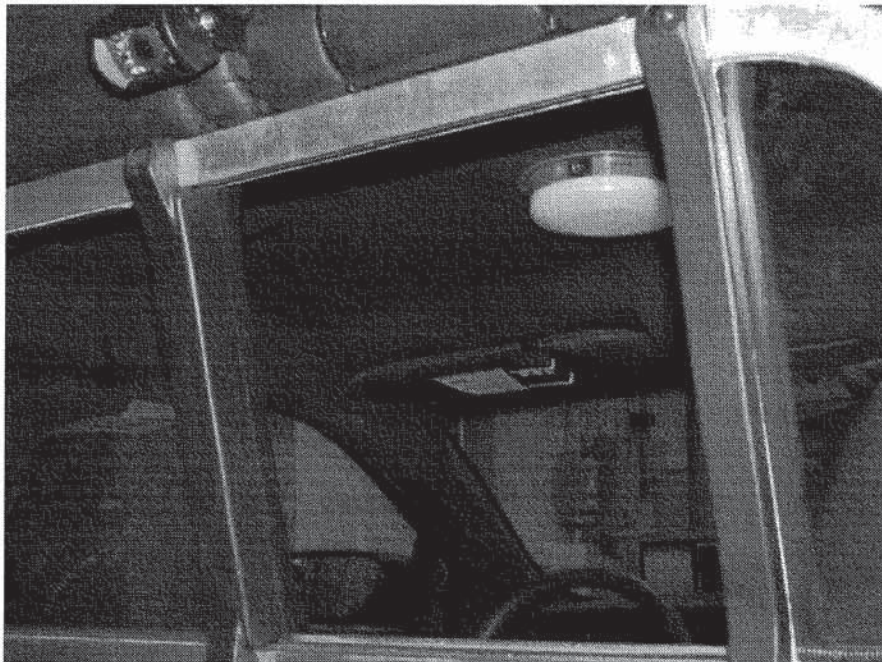


Figure 24 – Security screens (with sliding centre window and MVRS rear camera)

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 lightbars (Figure 27B).

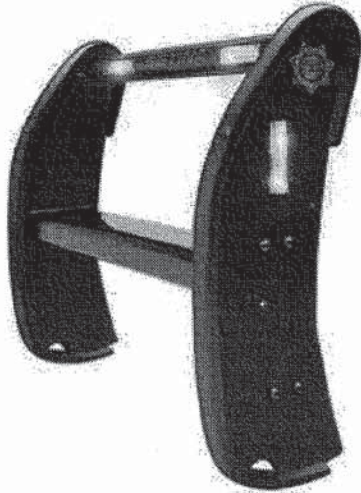


Figure 27A – Setina – Bodyguard PB-450-L push bumper with integrated LED

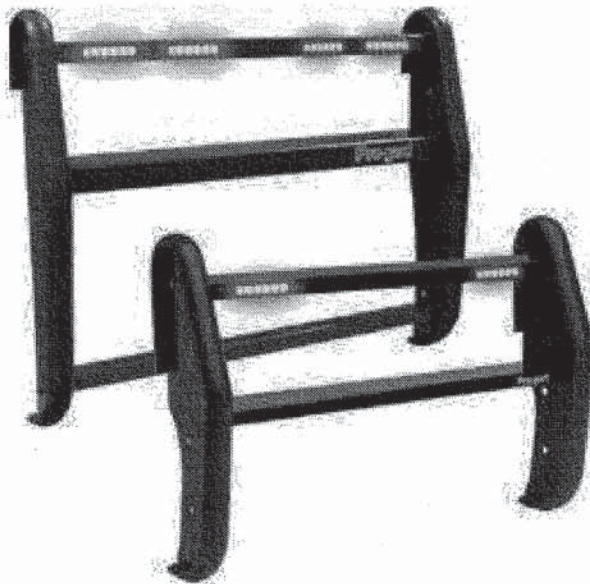


Figure 27B – Pro-Guard - Universal push bumpers with integrated, Whelen® ION™ LED lightbars

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*.

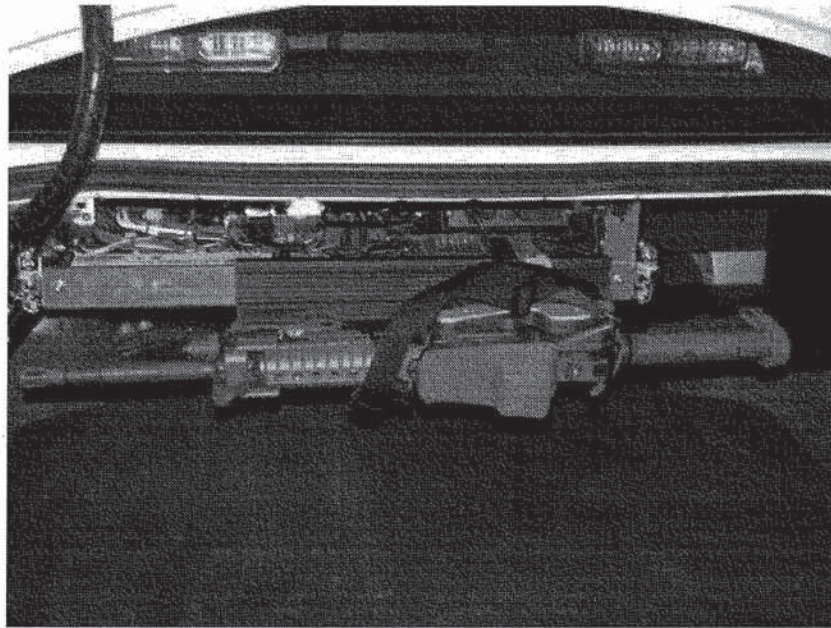


Figure 28 – Trunk tray installation (overall view)

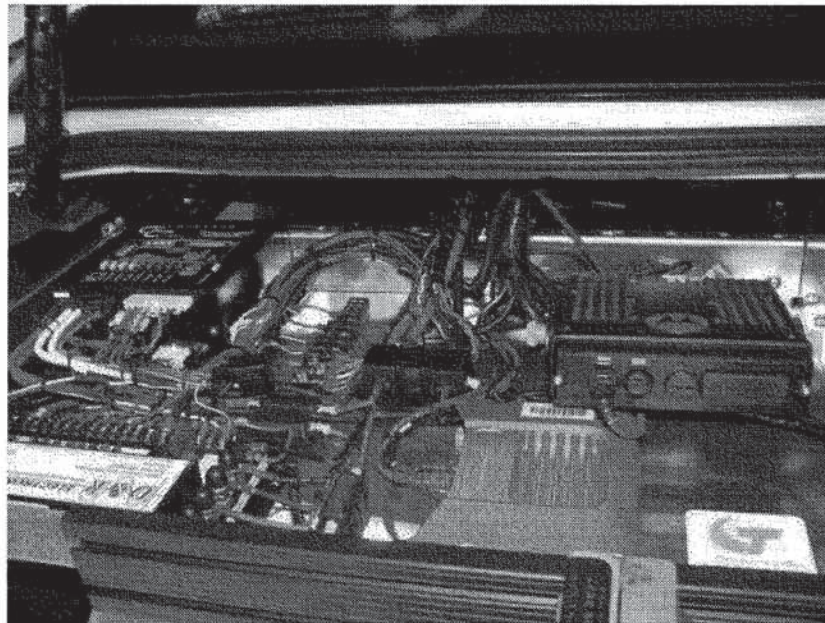


Figure 29 – Trunk tray installation

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 Intergral 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;

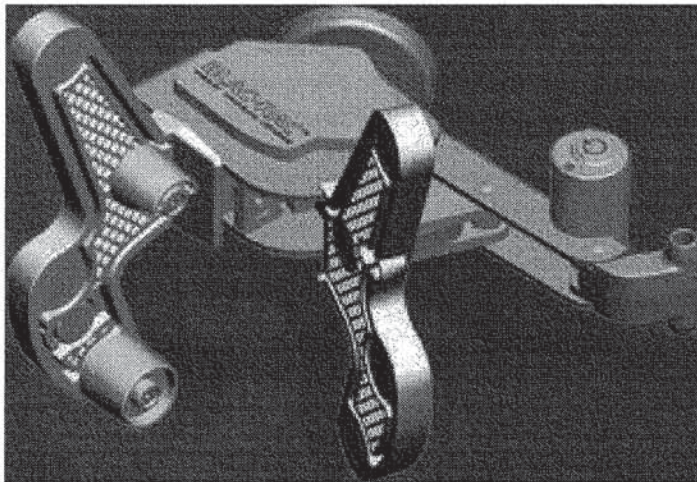


Figure 31 - Blac-Rac™ Model 1070 with Integral Lockset (key type not exactly as shown)

- 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 Intergral 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;

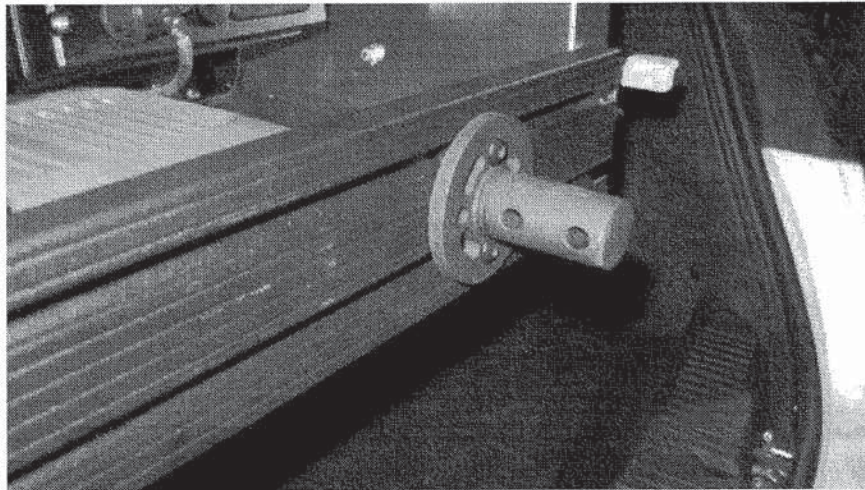


Figure 32 - Blac-Rac™ Model 1080M with Integral Lockset (T-Rail and Single Point Mounting Base)

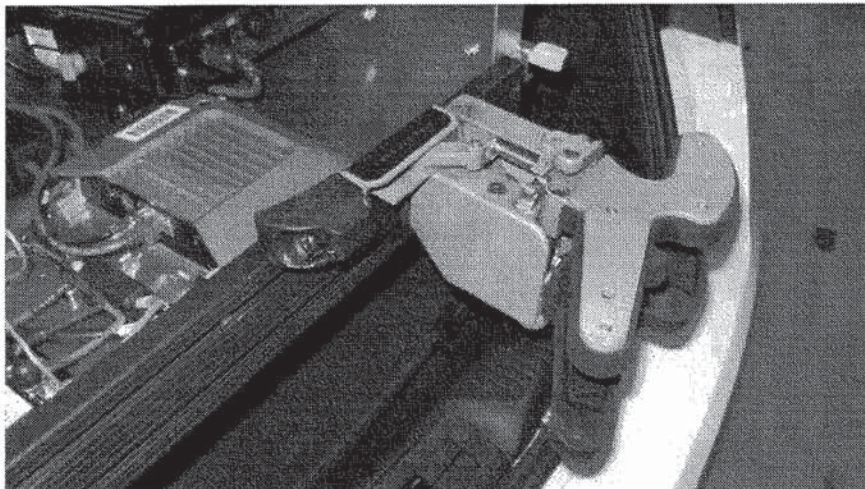


Figure 33 - Blac-Rac™ Model 1080M with Integral Lockset

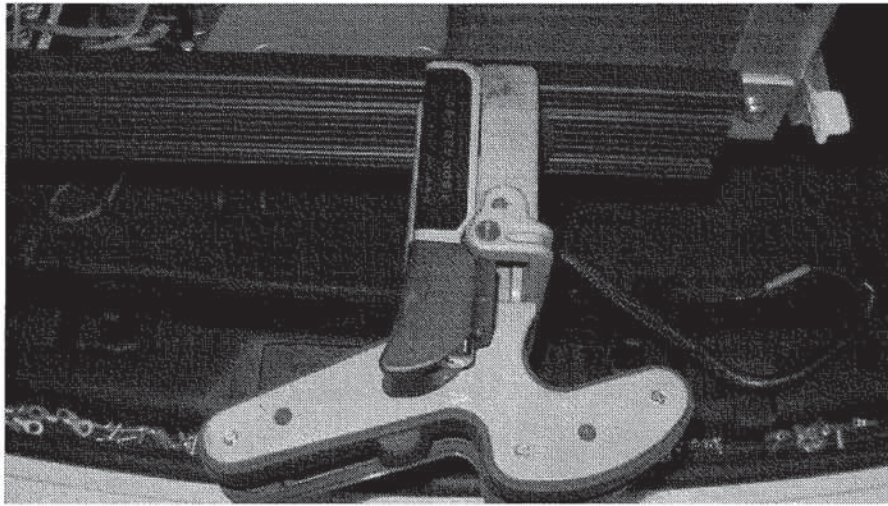


Figure 34 - Blac-Rac™ Model 1080M with Integral Lockset



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 ¼ 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

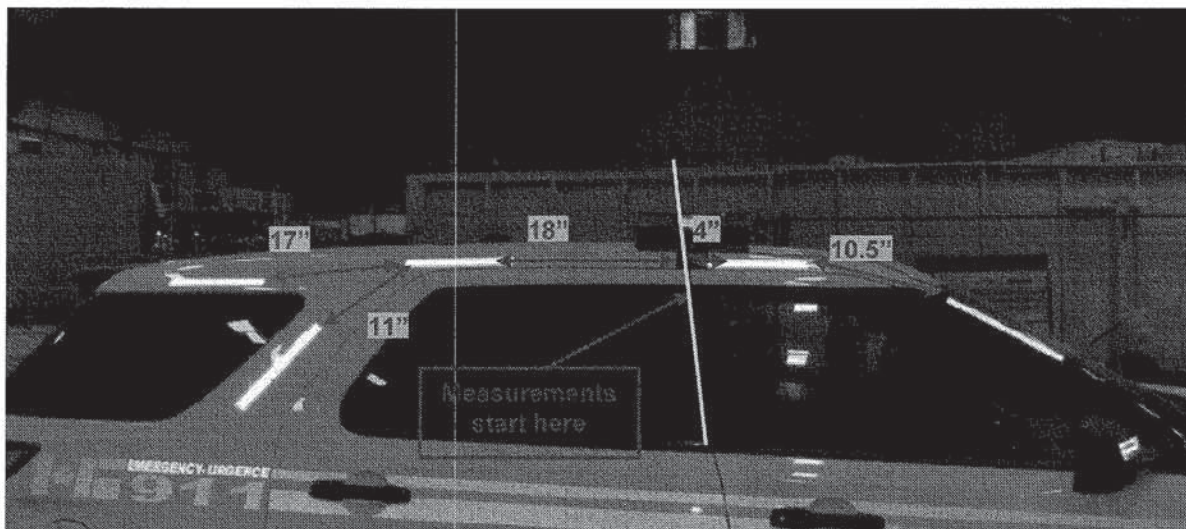


Figure 2 – White high conspicuity marking locations

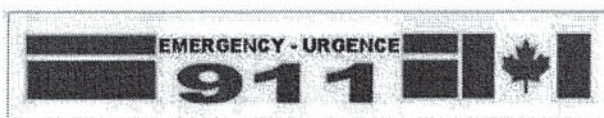


Figure 3A – Emergency telephone marking (where 911 service is available)



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). – see *Figure 8* for configuration)

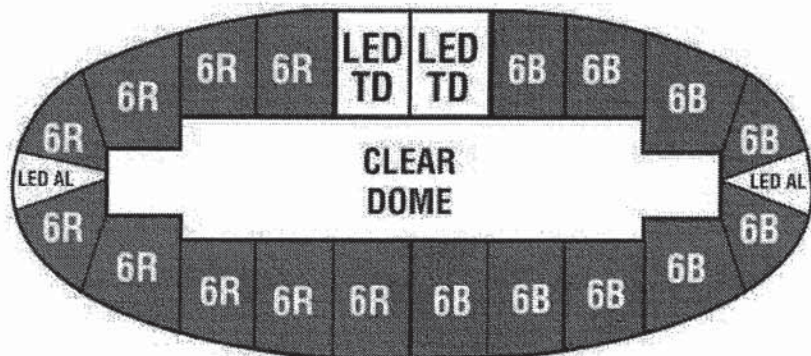
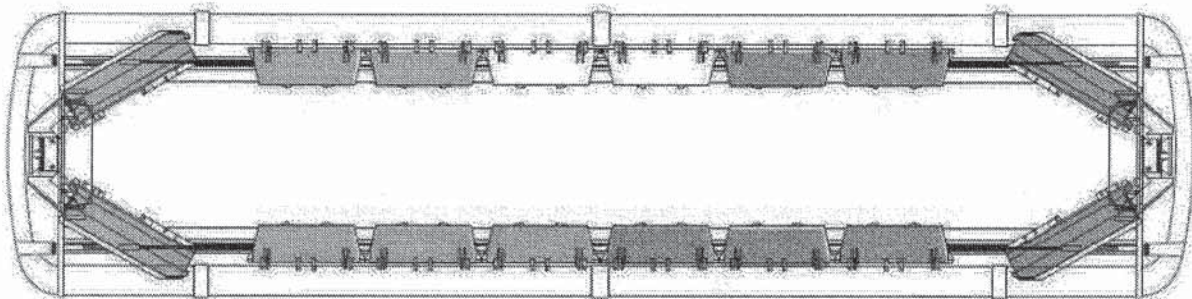


Figure 6 – Federal Signal – Arjent® S2 Light Bar configuration



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

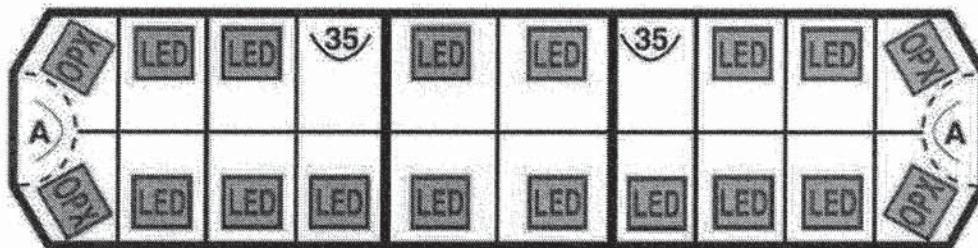


Figure 8 –

b. Hide-away Lights:

- (1). Whelen – Universal LED Hideaway equivalent; or
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 Lighthouse or equivalent; or

(3). D&R Electronics® – MR61LJB – A.

d. Rear Intersection Lights:

D&R Electronics® – MR6LTL – Explorer or equivalent; or

or equivalent; or

(3). Code 3 – XT3 Series.

e. Rear spoiler lights:

D&R Electronics® – MR6LTL– Explorer or equivalent; or

or equivalent; or

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

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

(1). – . 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 or equivalent; or

or equivalent; or

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.

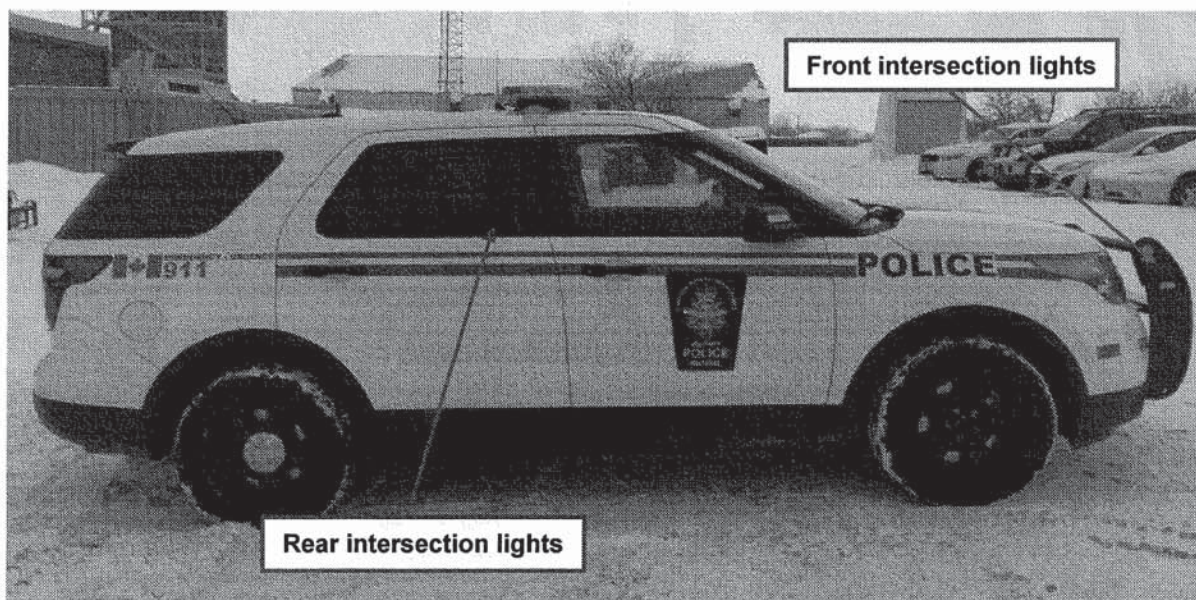


Figure 9 – Ford Police Interceptor Utility - Side view

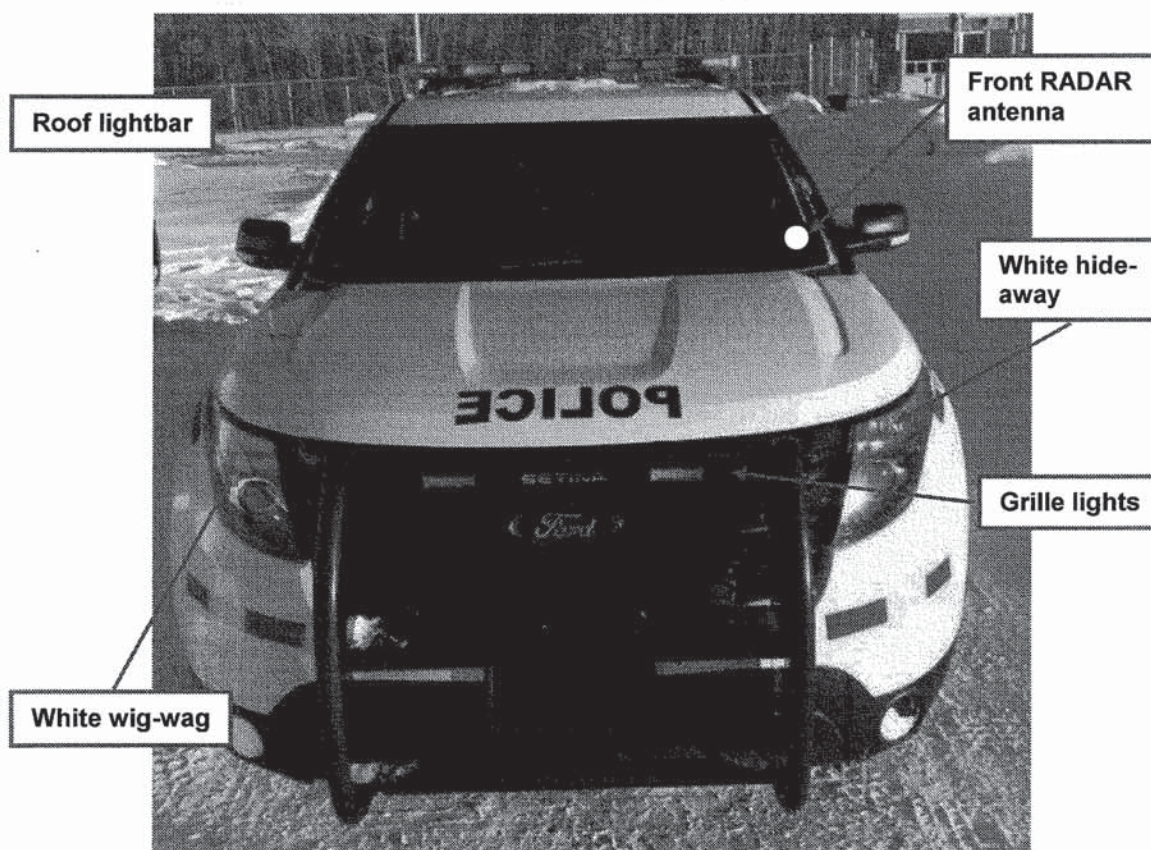


Figure 10 – Ford Police Interceptor Utility - Front view

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);

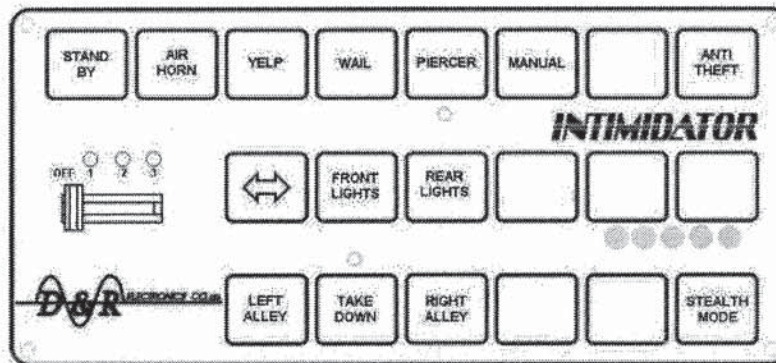


Figure 13 – D&R Electronics – Intimidator Controller

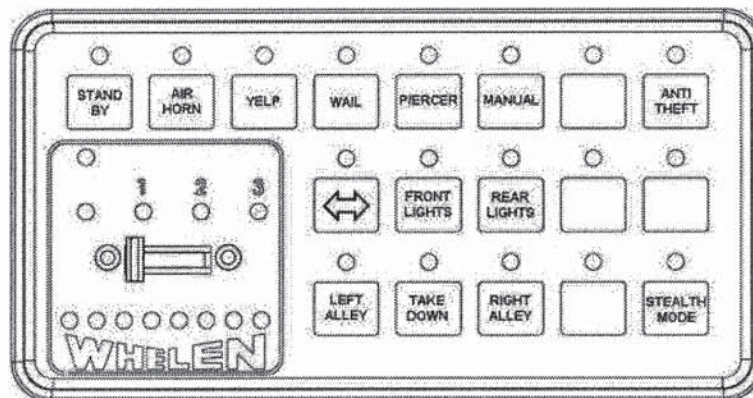


Figure 14 – Whelen – CenCom Sapphire Controller

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.

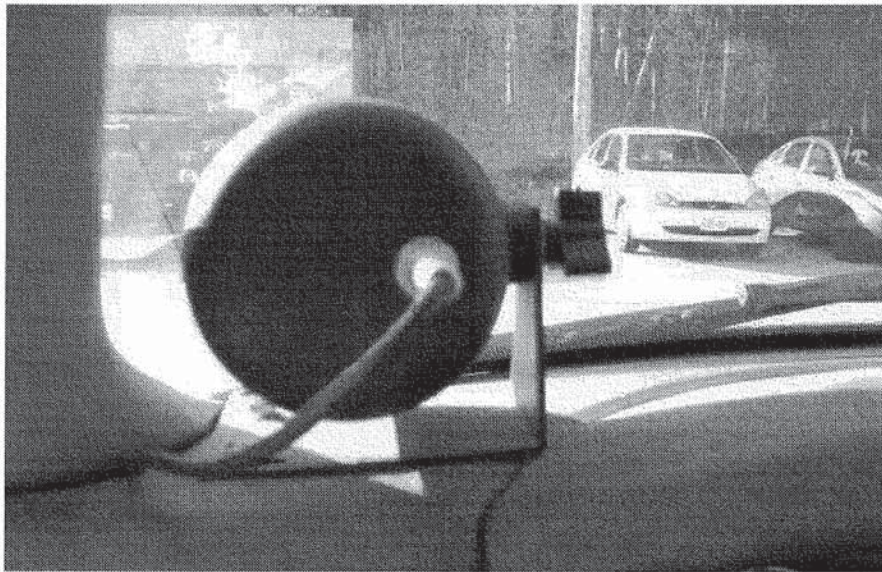


Figure 15A – Front RADAR antenna bracket



Figure 15B – Rear RADAR antenna bracket

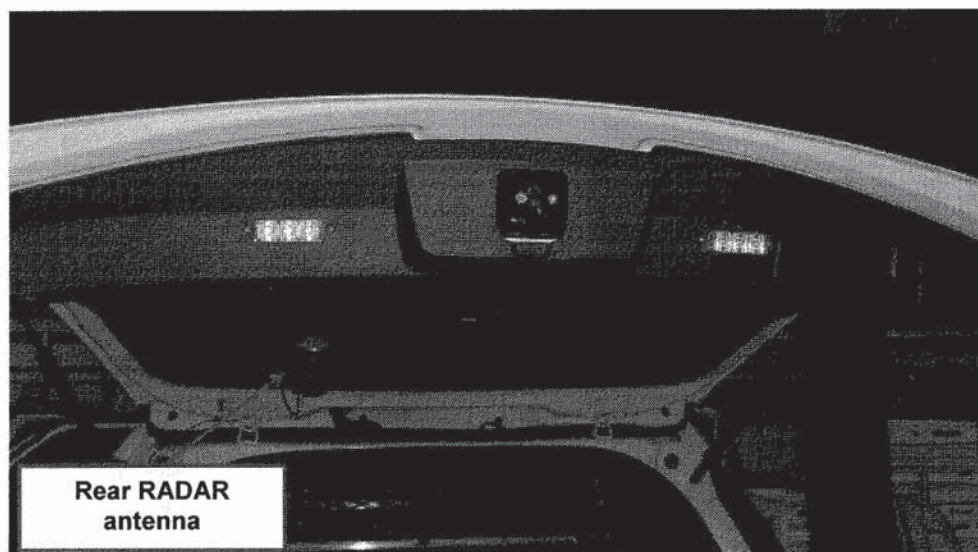


Figure 15C – Rear RADAR antenna location



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.

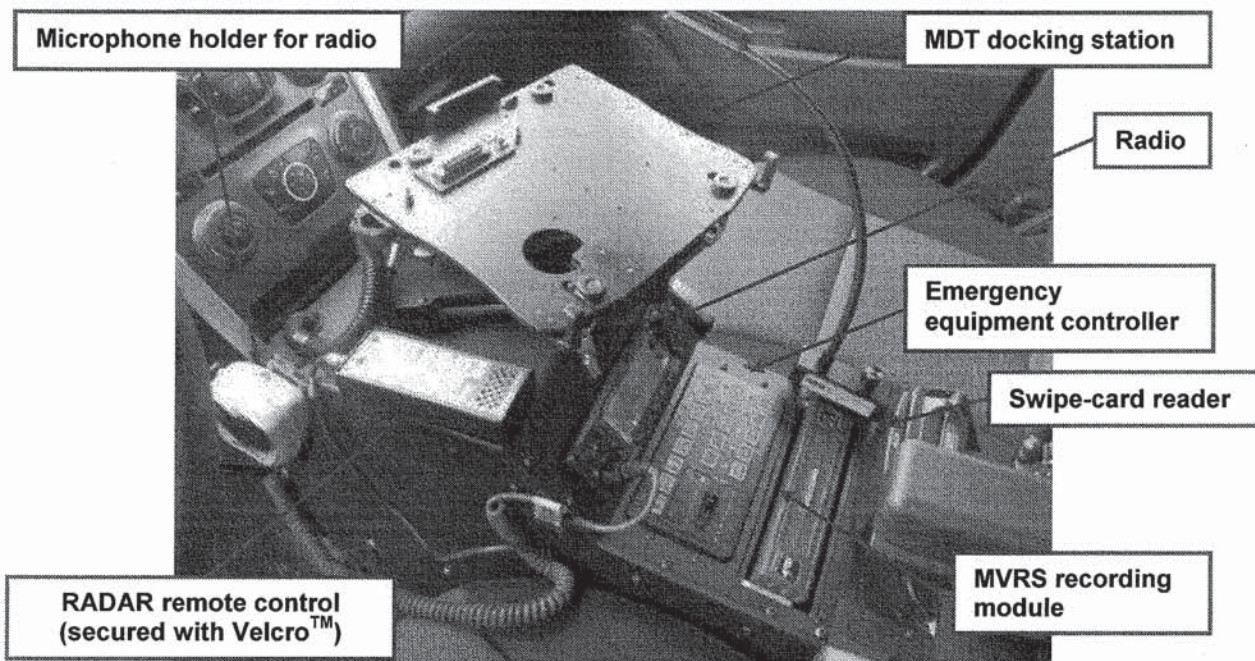


Figure 18 – Ergonomic mid-console configuration example

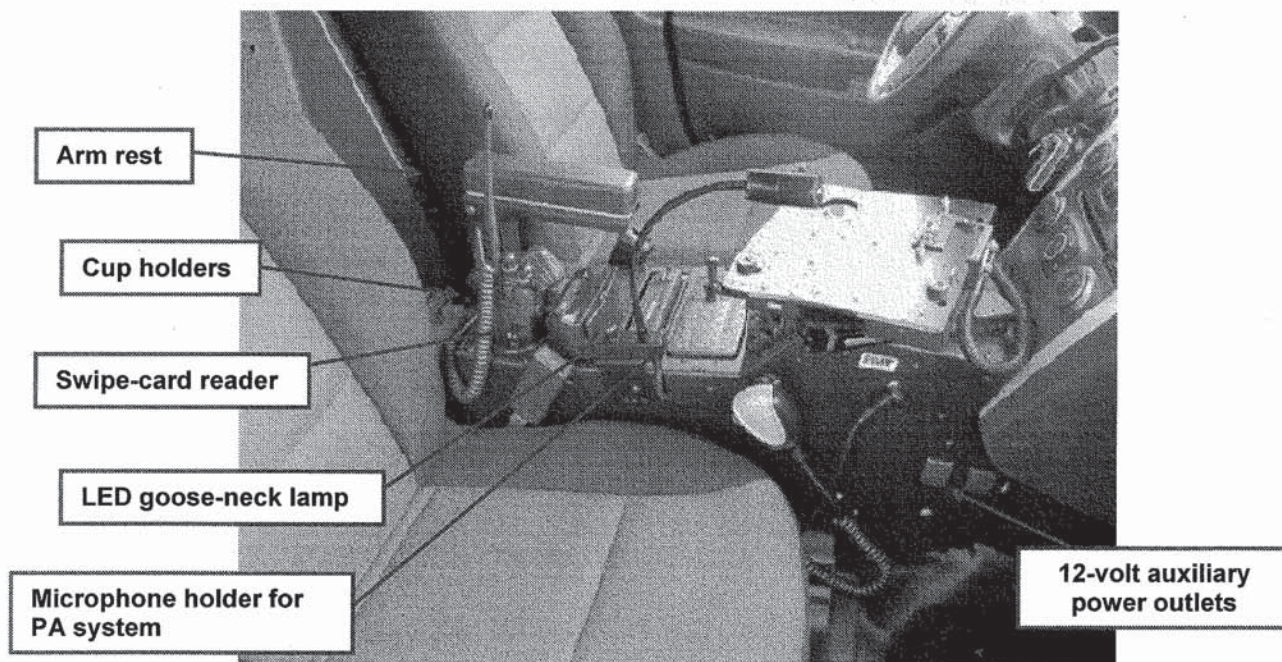


Figure 19 – Ergonomic mid-console configuration example

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.

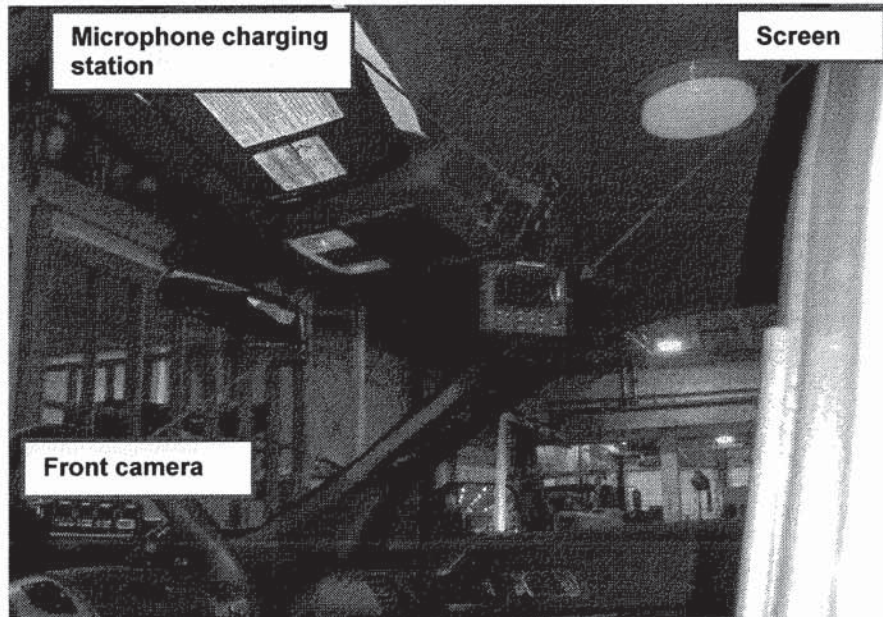


Figure 20 –MVRS modular system (front camera, microphone charging station and screen)

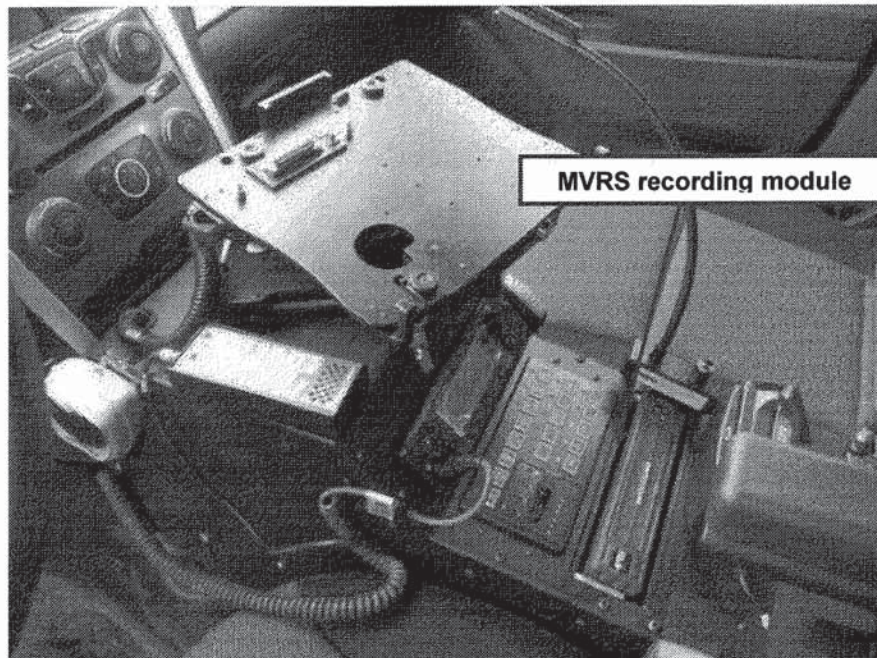


Figure 21 – MVRS modular system (recording module)

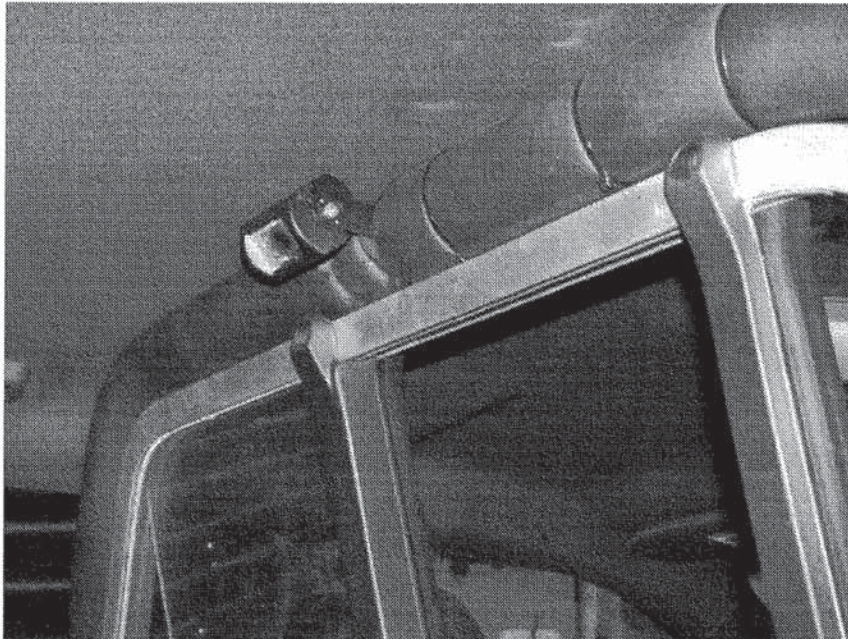


Figure 22 – MVRS rear camera

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)

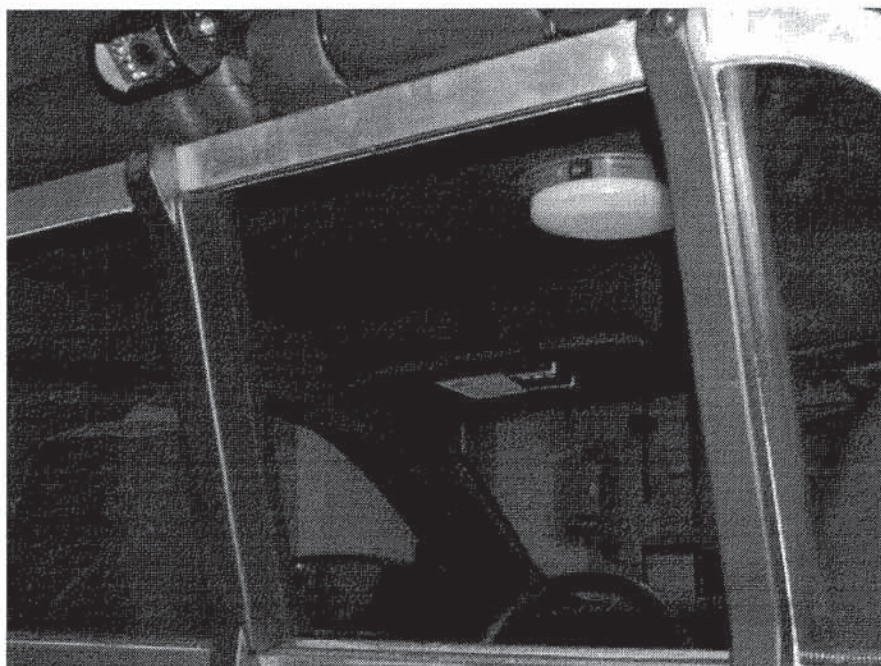


Figure 24 – Security screens (with sliding centre window and MVRS rear camera)

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.

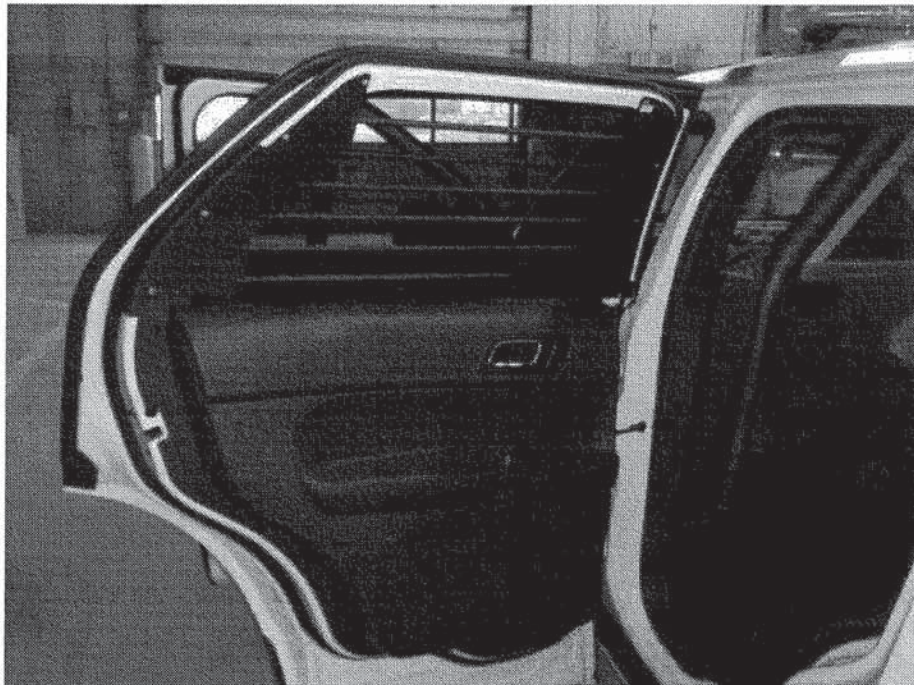


Figure 25 – Window barriers



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.*

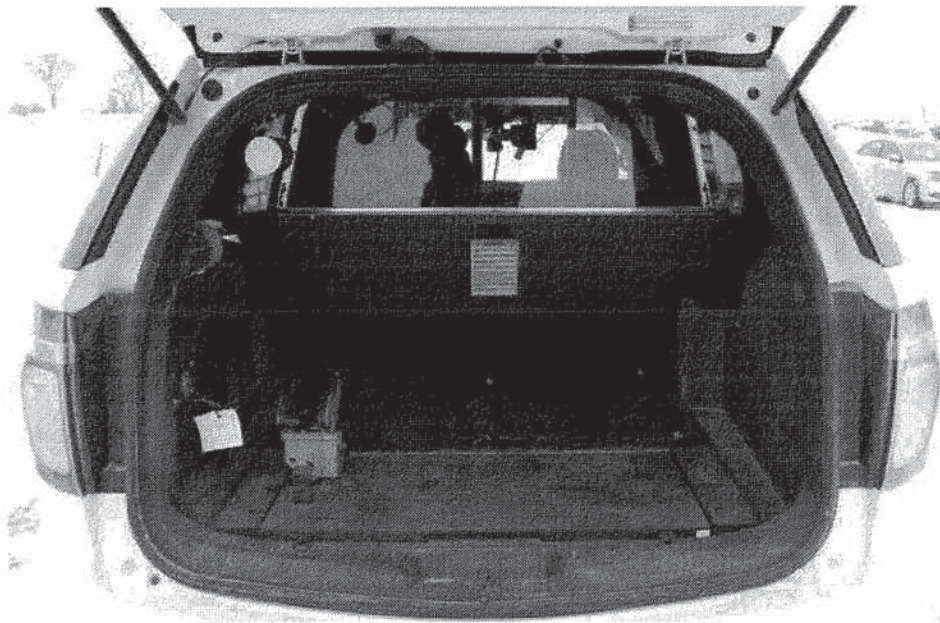


Figure 27 – Example of the approved cargo barrier installation in an SUV-type marked MP vehicle

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*).

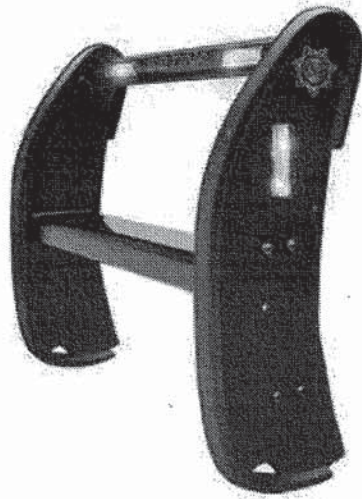


Figure 28A – Setina – Bodyguard PB-450-L push bumper with integrated LED



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*.

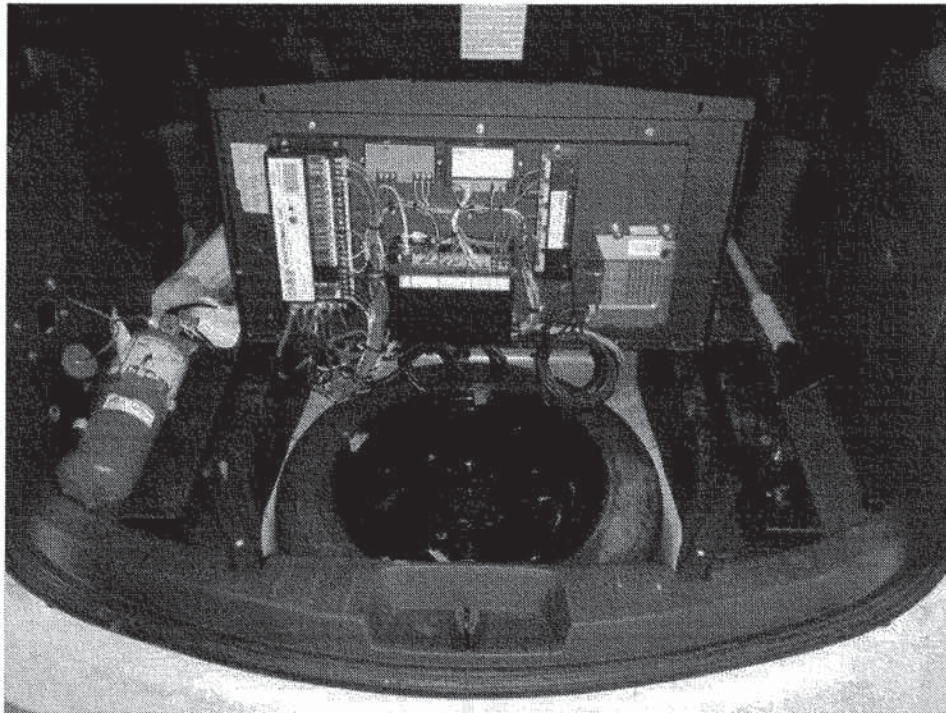


Figure 29 – D&R Electronics - Electronics Sub Panel Mount installation

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).

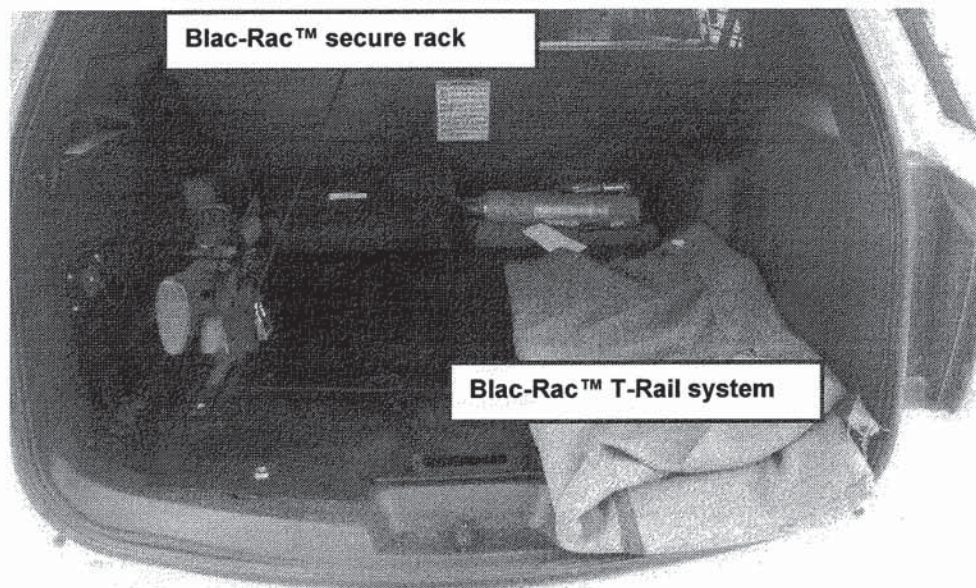


Figure 30 - D&R Electronics® - Electronics Sub Panel Mount with PCVSS installation

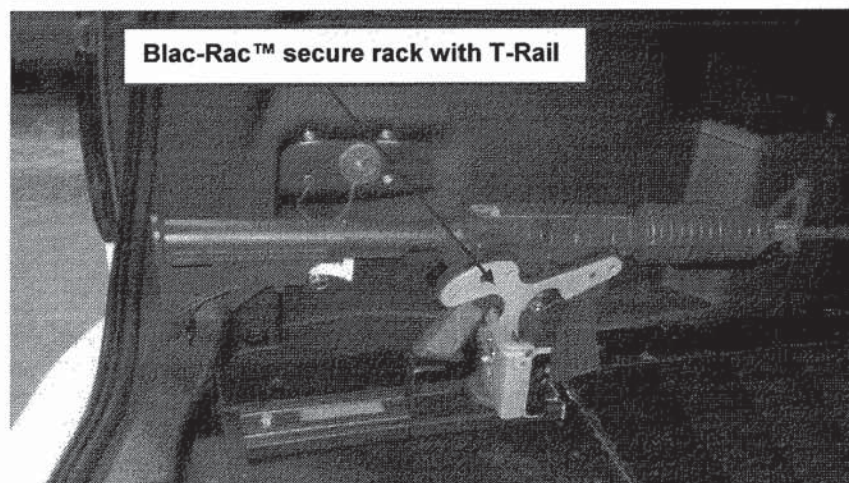


Figure 31 - D&R Electronics® - Electronics Sub Panel Mount with PCVSS installation

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.

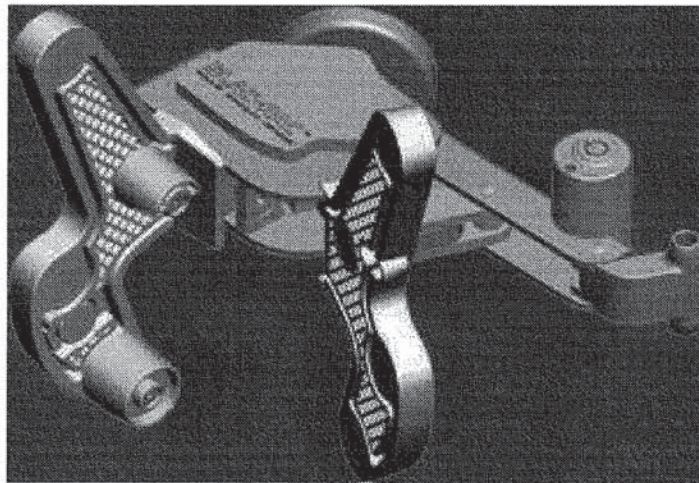


Figure 32 - Blac-Rac™ Model 1070 with Integral Lockset (key type not exactly as shown)

- 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 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). 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.

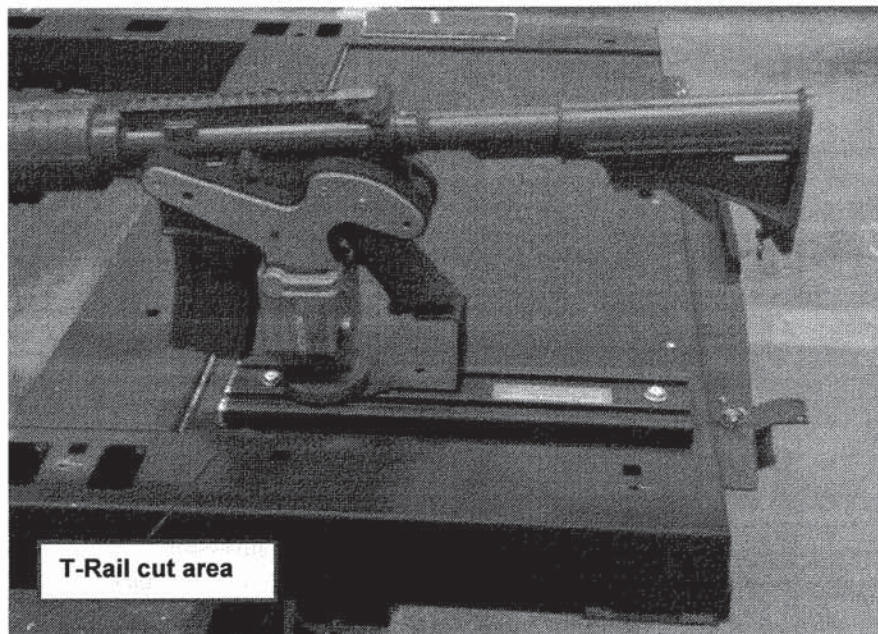


Figure 33 – Example of Blac-Rac™ T-Rail and Blac-Rac™ Model 1080M with integral lock on the D&R Electronics® - Electronics Sub Panel Mount

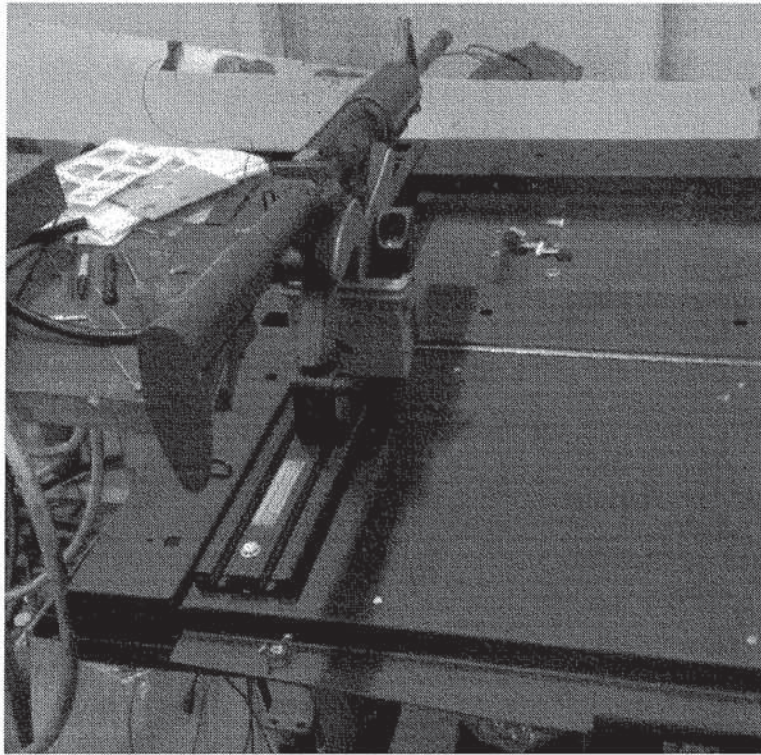


Figure 34 – Example of Blac-Rac™ T-Rail and Blac-Rac™ Model 1080M with integral lock on the D&R Electronics® - Electronics Sub Panel Mount

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.

MP PATCH GRAPHICS/DOOR CREST GRAPHICS



Appendix 4
Annex A
W8486-151138
XX May 2015

CF MP GP ORDER 2-820 MP MOBILE VIDEO RECORDING SYSTEM (MVRS)

APPLICATION

1. This order is applicable to all members of CF MP Gp.

DEFINITION

2. A mobile video recording system (MVRS) is defined as an in-vehicle electronic audio/video recording device that includes:
 - a. cameras;
 - b. monitor;
 - c. control panel;
 - d. cabin microphone;
 - e. wireless microphone; and
 - f. recording media: hard drive, DVD, USB stick, SD card or any similar device.

GENERAL

3. This order prescribes the operation of the MVRS within the CF MP Gp. It also provides the technical aspects and the care and control measures to be used when operating the MVRS.
4. The MVRS is used to record all investigative activities undertaken during a patrol person's duty shift. The MVRS serves to protect both the public and MP as it provides corroboration of evidence and/or testimony during judicial/public hearings. The MVRS shall be employed in all incidents where MP exercise their policing duties and functions to capture an accurate recording of events.

REQUIREMENT

5. All marked MP vehicles shall be equipped with a functional MVRS. Unmarked MP vehicles equipped with a security partition (silent partner) should have an MVRS.

OPERATION OF THE MVRS

6. The MVRS shall be running continuously, in the stand-by mode, while conducting patrols. The MVRS shall be configured to record with a predefined set of triggers. The MVRS and the wireless

microphone shall also contain a manual feature allowing the MP to activate the recording when needed. MP shall wear and use the wireless microphone at all times. MVRS recording without audio is prohibited.

7. The MVRS shall be configured to automatically record:
 - a. when the vehicle exceeds 110 kph (with or without emergency equipment activated); and
 - b. when the emergency equipment (lights/siren) is activated.
8. The MVRS shall be manually activated:
 - a. during the transport/transfer of an arrestee, prisoner or detainee. Recording shall occur without interruption, and the subject shall be informed that the MVRS is on and recording, and that the recording can be used as evidence;
 - b. when a vehicle is searched under the Defence Controlled Access Area Regulations. The vehicle being searched shall be in the field of view of the MVRS camera;
 - c. during traffic enforcement duties, in the event that emergency equipment is not activated;
 - d. during a Reduce Impaired Driving Everywhere (RIDE) program; and
 - e. any other occasion where the use of the audio/video recording would be beneficial.
9. The recording shall be continuous and shall not stop until the incident/program is concluded.

WARNING (PREAMBLE)

10. To prevent a possible breach of the Charter of Rights by surreptitious recording, members of the public should be advised, as soon as practicable, that their words and actions are being electronically recorded and monitored through the use of the MVRS by using the following preamble: *"It is my duty to inform you that this conversation is being audio/video recorded."*

LABELING

11. The recording media label shall contain:
 - a. the date-time group of both the start and the end of the recording period; and
 - b. the CF registration number of the vehicle.

EVIDENCE

12. Should an incident occur where the patrol person or supervisor believes the recording to be of evidentiary value, or such recording will provide an accurate account of what occurred in case of a public complaint, the recording media shall be treated as evidence. Immediately following the recording of a noteworthy event or any type of offence, such as impaired driving, the recording media shall be removed and secured as evidence as per CF MP Gp Order 2-391.

STORAGE AND DISPOSAL OF RECORDING MEDIA

13. When not secured as evidence, recording media shall be stored at the MP unit for a period of two (2) years, at which time it can be erased and re-issued or destroyed. The MP unit commander may request an extension to this time period should the recording media be required for evidentiary, administrative or training purposes.

SUPPLY

14. The MP unit shall procure, maintain and control an adequate supply of blank recording media for MVRs use only.

INSPECTION

15. The shift supervisor shall ensure that the MVRs is in working order and annotate the MVRs' condition in the daily inspection report.

DISCLOSURE

16. The MP unit commander shall ensure that only the relevant portion of the video recording is copied and submitted as evidence in support of a criminal or administrative proceeding.

17. **Criminal Court / Court Martial** - The Deputy Judge Advocate (DJA) or Crown attorney shall be made aware of the fact that an audio/video recording of an incident exists. This information shall be recorded on the Crown brief and disclosed as per CF MP Gp Order **2-150**.

18. **Summary Trial** - When MP information is involved in a summary trial, it is the MP unit commander who releases a copy of this information to the accused or assisting officer. Should a contentious issue arise, the MP unit commander shall consult with the local DJA for resolution.

19. **Administrative Investigation** - Copies of the MVRs recording shall be released for the purpose of an administrative investigation / Professional Standards investigation. Requests shall be made in writing to the MP unit commander.

ROADSIDE REVIEW

20. For officer safety purposes, MP members shall not provide the accused an opportunity to review events on the vehicle monitor.

MVRs INSTALLATION AND MAINTENANCE

21. Each MVRs shall be installed, inspected and serviced by an approved technician. MP members shall not adjust or permit any other person to use or adjust the MVRs.

MVRs ADMINISTRATOR

22. The MP unit commander shall appoint a member as the MVRs administrator. The MVRs administrator will adjust the MVRs as required and will have full administrator access on the system.

23. The MVRs administrator shall have special access which will provide the capability to perform the following changes:

- a. time/date changes;
- b. auto-record options;
- c. vehicle/patrol information;
- d. adding/deleting personnel; and
- e. adjusting the position of on-screen information.

SOP REQUIREMENT

24. All MP detachments shall have a detailed standing operating procedure (SOP) outlining the use of the MVRS.

TECHNICAL SPECIFICATIONS

25. 2-820.1 provides the MP specifications for the MVRS.

Attachment: 2-820.1 *MP MVRS Technical Specifications*

Approval Authority: COS

OPI: DPM Pol & Plans

Issued: 26 Oct 12

Supersedes: MPPTP, Chap 5, Anx H, Appx 8, dated Dec 03
DPM Police Advisory 11/07, dated 3 Aug 07

Reference: NIL

2-820.1 - MVRs TECHNICAL SPECIFICATIONS

GENERAL

1. This attachment will outline the technical specifications that shall be adhered to when procuring and utilizing the MVRs.

TECHNICAL SPECIFICATIONS

2. The overhead model of the MVRs is the preferred configuration, but the modular model is also acceptable.

3. In-Vehicle Video System Function

- a. The system shall start and record in less than 2 minutes upon vehicle start up and shall completely shut down in less than 5 minutes after the vehicle is turned off.
- b. The system shall instantly begin recording on emergency light activation, impact detection or manual activation after the initial boot up time.
- c. The system shall instantly record when the vehicle exceeds 110 kph (with or without emergency equipment activated).
- d. The system shall record the following vehicle information that will be displayed on the presentation video:
 - (1) emergency lights (on/off);
 - (2) siren (on/off);
 - (3) brake pedal (on/off);
 - (4) mic (on/off);
 - (5) officer badge number;
 - (6) MP vehicle speed; and
 - (7) radar information such as target speed, lock speed, patrol speed.
- e. The system shall automatically shutdown on low-voltage condition to prevent the vehicle battery from draining.
- f. The system shall allow for configurable pre-event and post-event recording of no less than 60 seconds.

- g. The system shall record 2 video and 2 audio tracks simultaneously (front and rear camera and microphone pack and cabin microphone).
- h. The system shall operate in extreme heat and cold.
- i. The system shall have alternate means of recording and retrieving incidents in the event of recording media filling to capacity or failure.

4. MVRs Administrative Controls

- a. The MVRs administrator shall be the only one able to lock down critical system information, such as, but not limited to:
 - (1) time/date changes;
 - (2) auto-record options;
 - (3) media removal;
 - (4) vehicle/patrol information; and
 - (5) position of on-screen information.
- b. Record any changes to system configuration for audit purposes.

5. MP/User Options

- a. MP sign-in.
- b. Incident tagging for easy retrieval.
- c. In-vehicle search and playback of incident.
- d. Manual start/stop of recording.
- e. Monitor/Display brightness controls.
- f. Ability to run in surveillance mode, i.e. no lights/sounds.
- g. Audible/Visual indicator when media is full.
- h. Indicator for record time remaining on media.

6. Video Camera

- a. Front camera:
 - (1) compact size: 5"L x 2"H x 2"W (approx);
 - (2) minimum 640x480 @ 30 frames per second colour recording capability;
 - (3) ability to record high-quality video in low-light conditions;
 - (4) minimum 20x optical zoom;

- (5) autofocus camera with manual focus ability;
- (6) programmable zoom functions such as automatic licence plate capture;
- (7) outside viewable light to indicate recording is active.
- b. Rear camera (rear bench seat):
 - (1) subcompact size: 2"L x 3"H x 3"W (can also be built-in with the front camera);
 - (2) colour camera with an infra-red capability for recording in complete darkness; and
 - (3) autofocus camera.

7. Microphone

- a. Each system shall have at least one wireless microphone per vehicle (microphone pack).
- b. One wired microphone for the inside of the vehicle (to record audio from the cabin/detainee area).
- c. Minimum wireless microphone range of no less than 1000 feet.
- d. Wireless microphone can be used to activate the in-vehicle video system.
- e. Wireless microphone shall have a minimum of 8 hours talk time.
- f. Wireless microphone(s) shall have an in-vehicle charging station. Charging station(s) shall be installed on the dash-board or on the overhead console and be hooked to the vehicle ignition switch.
- g. Wireless microphone shall have its own frequency and not interfere with another patrol vehicle's in-vehicle video system.
- h. Audible low-voltage indicator on the wireless microphone.
- i. Video system shall record in-vehicle audio.
- j. Wireless microphone clip or carrying pouch for the duty belt/vest.
- k. Compatible with lapel microphones, if lapel microphone is to be used by the MP.

8. Media Output

- a. System shall record to:
 - (1) standard DVD-RW or DVD+RW or DVD-R or DVD+R media (preferred media output);
 - (2) USB flash drive media; or
 - (3) SD memory card or any other similar device.
- b. Wireless/Bluetooth downloading is prohibited.

- c. For court purposes, video shall be playable in any standard PC or DVD player without specialized software.
- d. Video shall be tamper-proof.

9. Service Requirements

- a. Five-year warranty per unit.
- b. Vendors must identify their authorized local service provider for maintenance and repair during the 5-year warranty period.
- c. Complete turnaround for repairs or maintenance should be five (5) business days from receipt of vehicle drop-off (by DND) to vehicle pick-up (by DND), unless otherwise agreed to by the technical authority.
- d. Expert witness testimony in the event of court challenge.
- e. Technical support for DND technician for troubleshooting/installation.

10. Vehicle Mounting

- a. The system shall be housed completely within the front seating area of the vehicle.
- b. Overhead is the preferred mounting option.
- c. The system shall come with a complete installation kit for each vehicle.
- d. The system installation shall not interfere or require modification of any existing vehicle safety equipment.
- e. The system installation shall not interfere with any other installed required policing equipment:
 - (1) emergency equipment controller;
 - (2) mobile data terminal (MDT);
 - (3) mobile radio;
 - (4) cell phone / hands-free kits; and
 - (5) C8A3 patrol carbine rack.

Attachment:	NIL
Approval Authority:	COS
OPI:	DPM Pol & Plans
Issued:	15 Nov 12
Supersedes:	NIL
Reference:	NIL

EQUIPMENT TO BE ADDED/REMOVED

<u>INSTALLATION OF STANDARD EQUIPMENT</u>	
Type 1 : Marked Police Vehicle – Sedan	
Type 2 : Marked Police Truck/SUV	
<u>REMOVAL OF STANDARD EQUIPMENT</u>	
Type 1 : Marked Police Vehicle – Sedan	
Type 2 : Marked Police Truck/SUV	
<u>INSTALLATIONS</u>	
Sedan Only New Decal Package includes conspicuity markings	
SUV Only New Decal Package includes conspicuity markings	
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	
Primary roof light bar system	
four "wig-wag" strobe lights, white in colour, mounted inside the headlight housings and tail lamp flasher	

Two external front intersection strobe lights mounted on the left and right of the push bumper	
Two rear intersection strobe lights, red and blue in colour mounted in the left and right rear passenger windows	
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	
Front Grill strobe lights, red and blue in colour mounted in the front part of the push bumper	
Marked Sedan only Trunk interior warning lights, red and blue in colour, mounted on the underside of the trunk lid	
Marked Sedan only. Rear deck lights, red and blue in colour (installed on rear deck)	
Marked SUV only. Grommet/flush mount trunk lid warning lights, red and blue in colour, mounted on the underside of the trunk lid.	
Marked SUV only. Rear spoiler light, red and blue in colour (installed outside under the spoiler)	
Sirens and public address systems	
Stealth/Black out mode. (deactivates all vehicle lights except emergency lights)	
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	
RADAR (2 antennas, main module and remote control) linked to the MVRs	
Ergonomic mid-console, MDT docking station, Velcro™ on the left side to secure the RADAR remote control	
Microphone holder for radio (driver's side), and microphone holder for PA system (passenger's side)	

Three 12-volt auxiliary power outlets (for accessories such as cell phone, alcohol screening device, etc.);	
LED goose-neck lamp with red and white lights	
Police Radio, antenna and external Speakers	
Emergency Equipment Controller	
Arm rest and two large cup holders	
Overhead ceiling console dome light equipped with both red and white lights	
Mobile Vehicle Recording System, front camera, screen, recording module, microphone charger, rear camera	
Prisoner Containment Equipment "Silent Partner" With a recessed weapon storage panel and a sliding center window	
Rear passenger window barriers with window-mounted rear intersection lights	
Marked SUV only. Cargo barrier in the rear cargo area.	
Push bumper	
Modem with antenna	
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.	
Patrol Vehicle Carbine Blac-Rac and Secure mounting system (T-Rail)	

Patrol Vehicle Carbine Alarm system	
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.	
Marked SUV only. Electronics 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.	
Decal Package including conspicuity markings	
All wiring associated with Police equipment , Returning vehicle to Non-Police State	
Primary roof light bar system	
four "wig-wag" strobe lights, white in colour, mounted inside the headlight housings and tail lamp flasher	
Two external front intersection strobe lights mounted on the left and right of the push bumper	
Two rear intersection strobe lights, red and blue in colour mounted in the left and right rear passenger windows	
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	
Front Grill strobe lights, red and blue in colour mounted in the front part of the push bumper	
Marked Sedan only Trunk interior warning lights, red and blue in colour, mounted on the underside of the trunk lid	

Marked Sedan only. Rear deck lights, red and blue in colour (installed on rear deck)	
Marked SUV only. Grommet/flush mount trunk lid warning lights, red and blue in colour, mounted on the underside of the trunk lid.	
Marked SUV only. Rear spoiler light, red and blue in colour (installed outside under the spoiler)	
Sirens and public address systems	
Stealth/Black out mode. (deactivates all vehicle lights except emergency lights)	
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	
RADAR (2 antennas, main module and remote control) linked to the MVRs	
Ergonomic mid-console, MDT docking station, Velcro™ on the left side to secure the RADAR remote control	
Microphone holder for radio (driver's side), and microphone holder for PA system (passenger's side)	
Three 12-volt auxiliary power outlets (for accessories such as cell phone, alcohol screening device, etc.);	
LED goose-neck lamp with red and white lights	
Police Radio, antenna and external Speakers	
Emergency Equipment Controller	
Arm rest and two large cup holders	

Overhead ceiling console dome light equipped with both red and white lights	
Mobile Vehicle Recording System, front camera, screen, recording module, microphone charger, rear camera	
Prisoner Containment Equipment "Silent Partner" With a recessed weapon storage panel and a sliding center window	
Rear passenger window barriers with window-mounted rear intersection lights	
Marked SUV only. Cargo barrier in the rear cargo area.	
Push bumper	
Modem with antenna	
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.	
Patrol Vehicle Carbine Blac-Rac and Secure mounting system (T-Rail)	
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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.	
Marked SUV only. Electronics 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.	

Annex ``B``
Log Sow for Major Equipment

LOGISTICS STATEMENT OF WORK for MAJOR Equipment for REPAIR and OVERHAUL

<p>LOGISTICS</p> <p><i>(Generic)</i></p> <p>STATEMENT OF WORK</p> <p>for</p> <p>MAJOR Equipment</p> <p>for</p> <p>REPAIR and OVERHAUL</p> <p><i>Issued on authority of the Assistant Deputy Minister (Material)</i> <i>(ADM(Mat))</i></p> <p>OPI: DMPP4-4 2009-09-02</p> <p>Record of Changes</p> <table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th colspan="2">Identification of Changes</th><th rowspan="2">Date Entered</th><th rowspan="2">Signature</th></tr><tr><th>Ch. #</th><th>Date</th></tr></thead><tbody><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr></tbody></table>	Identification of Changes		Date Entered	Signature	Ch. #	Date													<p>Table of Contents</p> <ul style="list-style-type: none">1.0 GENERAL1.1 AIM1.2 EXTENT OF WORK2.0 ADMINISTRATION2.1 RECEIPT2.2 DISCREPANCIES IN RECEIPTS2.3 COMPLETION OF WORK3.0 WORK CONTROL4.0 COST CONTROL5.0 COSTING RECORDS6.0 MAINTENANCE SUPPORT6.1 MINOR REPAIRS7.0 SUPPLY SUPPORT7.1 TRANSACTION DOCUMENTATION7.2 MANAGEMENT OF DND-OWNED SPARES7.3 SPARES REVIEW7.4 STOCKTAKING7.5 EMBODIMENT FEES7.6 LOSS OR DAMAGE TO DND MATERIEL7.7 SCRAP – CUSTODY & DISPOSAL7.8 PRESERVATION AND PACKAGING FAILURE7.9 TRANSPORTATION7.10 CUSTOMS & EXCISE8.0 WARRANTY CONSIDERATION9.0 PUBLICATIONS10.0 CONTRACTOR USE OF DND EQUIPMENT / PUBLICATIONS11.0 STOP REPAIR ACTION12.0 OFFICE SERVICES13.0 MINUTES OF MEETINGS14.0 PLANT SHUTDOWN / VACATION PERIOD15.0 REPORTS15.1 ACCIDENT/INCIDENT REPORTS15.2 ANNUAL CONTRACTOR HELD INVENTORY REPORT <p>Appendix I & II – CONTRACTOR-HELD INVENTORY REPORTING REQUIREMENTS & TEMPLATES</p>
Identification of Changes		Date Entered			Signature														
Ch. #	Date																		

FOREWORD

Annex ``B``
Log Sow for Major Equipment

This Statement of Work (SOW) is distributed on the authority of ADM(Mat). It will be distributed as required, internally to ADM(Mat's) Staff engaged in raising Repair and Overhaul (R&O) Procurement Instrument (PI).

This SOW contains generic statements for use by the Procurement Authority (PA), to raise a specific SOW in support of contracts engaged in the R&O of materiel on behalf of the Department of National Defence (DND).

This generic SOW is effective upon receipt. Suggestions for changes must be forwarded through normal channels to DMPP 4-4.

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Log SOW for Major Equipment

1.0 GENERAL

1.1 AIM

1.1.1 The Contractor shall repair and/or overhaul only those items for which he has received authorization in accordance with the Selection Notice and Priority Summary (SNAPS) for Repairable Materiel Account (RMA) code(s)_____ and/or an approved Repairable Materiel Request (RMR). The Contractor shall conform to such supply procedures as are advised in this SOW related to the management of DND equipment and stores in his possession. DND reserves the right to exercise surveillance over all aspects of the Contractor's supply operation. Repair and/or Overhaul priorities will be maintained as advised in the SNAPS. Repair priority for RMRs shall be "Routine" unless otherwise stipulated.

1.2 EXTENT OF WORK

1.2.1 The complete overhaul of all arisings (except life items that are time expired) is not permitted under the terms of this Statement of Work. The intent is that repair work will be done and overhaul resorted to only where such is economically and technically justifiable; or where required by technical specifications. The following definitions will apply:

- a. **Repair:** The identification and correction of those specific defects which degrade the performance of an item causing it to function below the specifications;
- b. **Overhaul:** The restoration of an item to its original condition/near life expectancy. It includes the replacement of worn, damaged or life expired parts; the incorporation of approved modifications; and the rework of components as necessary;
- c. **Interchangeability:** Following repair, the item must remain fully interchangeable (form, fit and function) with articles catalogued under the same reference number, part number and of the same modification status. This concept of interchangeability must be extended to include internal characteristics such as wave forms and components layout in order to ensure full compatibility with automatic test equipment software and automatic probing.
- d. **Serviceable Condition:** The condition of an equipment which allows it to be used, shipped or held in stores without being subjected to any limitations not applicable to new equipment; and
- e. **Reliability and Maintainability:** The definitions of MIL STD-721 will apply.

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Log Sow for Major Equipment

2.0 ADMINISTRATION

2.1 RECEIPT

2.1.1 On receipt of Major (A Class) equipment, the Contractor shall check the completeness of the major equipment against the appropriate check lists and the consignor's issue voucher, and report any discrepancy to the consignor with an information copy to the National Defence Quality Assurance Representative (NDQAR) and the Procurement Authority. The Contractor shall, within three working days of receipt of equipment, notify NDHQ/DSCO 3-5-3, as applicable, by message stating the applicable Supply Transfer Order/Vehicle Movement Order (QTO/VMO/BMO) message, type and model, serial number(s) and date of receipt.

2.2 DISCREPANCIES IN RECEIPTS

2.2.1 If upon initial inspection, the Contractor identifies equipment as having same form, fit and function as other equipment but as being misidentified. A discrepancy in shipment can consist of any of the following:

- a. Stock code identification
- b. Surplus
- c. Shortage

2.2.2 The Contractor shall action discrepancies in shipments in accordance with PART 3 of A-LM-184-001/JS-001.

2.3 COMPLETION OF WORK

2.3.1 On completion of Repair and/or Overhaul, the Contractor shall prepare and transmit a stock holding code (SHC) change notification in accordance with Part 2 of A-LM-184-001/JS-001.

Annex ``B``
Log Sow for Major Equipment

2.3.2 The following "Contractor Certification" shall be stamped on the CFSS Supply Document and signed prior to the Contractor transmitting the SHC Change Notification:

Contractor Notification

I certify that the item(s) listed above have been inspected, tested and conform to all specifications and requirements detailed in the contract or purchase order.

Signature

Date

(Contractor QC)

3.0 WORK CONTROL

3.1 The Contractor shall ensure that the repair of all DND major equipment is controlled by a serial numbered work order in accordance with Part 2 of A-LM-184-001/JS-001. Upon completion of work, the work order shall include, as a minimum, the following:

- a. a contract serial number against which all costs incurred are chargeable;
- b. the NATO Stock Number (NSN) and/or Part Number (PN), description, quantity and serial number, if any, of item repaired;
- c. a cross reference to all Supply Documents. This includes receipt, issues and returns, including scrap activity, finalization of repair, inspection, and final acceptance;
- d. reference to the applicable technical data;
- e. details of the work performed;
- f. a list of all the parts, by part number and description, found unserviceable and requiring repair and/or overhaul, ensuring that the repair scheme is referenced;
- g. a list of parts required, identifying the stores from which issued (eg, CIS, GFOS, AAS or CFM);
- h. repair cost estimate; and
- i. the identity of the person opening the work order.

3.2 The Contractor shall provide to the NDQAR, and as necessary amend, a list of contractor personnel authorized to open work orders.

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Log Sow for Major Equipment

4.0 COST CONTROL

4.1 The Contractor shall monitor the cost of each repair to ensure that total repair costs remain within approved limits. Management control procedures must be in place and records maintained. These control procedures and records shall be available for review and/or audit on request.

5.0 COSTING RECORDS

5.1 The Contractor shall prepare forms and maintain records which will provide:

- a. a cost listing, by serial number if applicable, of each item or job lot going through the repair line;
- b. a detail of the extent of work carried out, in-process inspections completed and materiel embodied at any stage of the repair process;
- c. the average cost of repair and/or overhaul, by NSN; and
- d. the total repair cost for an item (NSN), by work order.

NOTE: This data shall be provided as requested by the Procurement Authority and/or NDQAR.

6.0 MAINTENANCE SUPPORT

6.1 MINOR REPAIRS

6.1.1 If DND supplied parts are urgently required to effect delivery of Major Equipment and are not immediately available from DND, then minor repair may be carried out to the unserviceable part by the prime Contractor as approved by the PA who will advise NDQAR accordingly.

7.0 SUPPLY SUPPORT

7.1 TRANSACTION DOCUMENTATION

7.1.1 The Contractor's Document Control Group (DCG) facilities will file and retain the following auditable transaction documentations by applicable account (RMA or RSA) warehouse either by Stock Code or by Requisition Number, in accordance with Part 3 of A-LM-184-001/JS-001:

- a. Stock Code sequence followed by requisition number; or
- b. Requisition number.

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Log Sow for Major Equipment

7.2 MANAGEMENT OF DND-OWNED SPARES

7.2.1 The Contractor is responsible for determining the requirement for spares, obtaining the spares, maintaining custody of the spares, accounting for the spares in an approved manner for use on the R&O repair line and for the disposal (when so directed) of the spares in accordance with A-LM-184-001/JS-001.

7.2.2 Spares shall be used in the following order:

- a. Government Furnished Overhaul Spares (GFOS);
- b. Contract Issue Spares (CIS);
- c. Accountable Advance Spares (AAS); and
- d. Contractor Furnished Materiel (CFM).

7.3 SPARES REVIEW

7.3.1 In conjunction with the stocktaking schedule, the Contractor shall carry out a review of CIS to determine if holdings of any particular item:

- a. exceed the economic stock retention level. The level is normally equal to an estimated four (4) months stock;
- b. have become surplus to requirements as a result of a modification, disposal, obsolescent or transfer of the major equipment; and/or
- c. are no longer fit for use in the R&O of DND equipment.

7.3.2 In conjunction with the stocktaking schedule, the Contractor shall carry out a review of GFOS to determine if stock holdings include any item which:

- a. has become surplus to requirement as a result of removal of the end item from the Selection Notice and Priority Summary (SNAPS);
- b. has become redundant because of a modification, change notice, product improvement, etc...;
- c. is a catalogued item which should have been transferred to CIS.

7.3.3 The contractor shall dispose of and/or transfer spares which meet the criteria above and shall prepare and handle the necessary documentation associated with the disposal function in accordance with Part 7 of A-LM-184-001/JS-001.

7.4 STOCKTAKING

7.4.1 The Contractor shall initiate and complete a one hundred per cent (100%), manual stocktaking of RMA, RSA, CRPA (CIS), GFOS and AAS, as a minimum, once every two years in accordance with Part 6 of A-LM-184-001/JS-001.

**Annex ``B``
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7.5 EMBODIMENT FEES

7.5.1 On normal transfer or issue of items (spares) between AAS, CIS or GFOS accounts, any embodiment fees shall only be paid once and only upon actual embodiment. Supply accounting records for DND materiel shall be maintained separate from other company records.

7.5.2 On bulk transfer/disposal of items in CIS, GFOS or AAS accounts, embodiment fees, if applicable, are subject to a separate PWGSC negotiated rate.

7.6 LOSS OR DAMAGE TO DND MATERIEL

7.6.1 The Contractor shall report to the NDQAR all instances of loss or damage to DND owned materiel in his custody within two (2) working days of confirmation of its discovery.

7.6.2 The Contractor may be authorized to make repairs to DND-owned equipment on loan. All requests shall be forwarded to the Procurement Authority for approval. If the Contractor is authorized to repair damaged DND materiel, he shall notify the NDQAR before any repair commences to enable adequate quality assurance of the repair.

7.6.3 Loss or damage of materiel in transit shall be actioned in accordance with Part 8 of A-LM-184-001/JS-001.

7.7 SCRAP - CUSTODY & DISPOSAL

7.7.1 The Contractor shall safeguard, control, and dispose of the scrap materiel in accordance with Part 7 of A-LM-184-001/JS-001.

7.8 PRESERVATION AND PACKAGING FAILURE

7.8.1 Equipment damaged due to preservation and packaging failures in shipments shall be reported to the NDQAR using form CF 777, Unsatisfactory Condition Report (UCR), supported by photographs in accordance with CFTO C-02-015-001/AG-000.

7.9 TRANSPORTATION

7.9.1 The Contractor shall be responsible to action all transportation requirements in accordance with Part 8 of A-LM-184-001/JS-001.

7.10 CUSTOMS & EXCISE

7.10.1 DND is responsible for clearing Customs of all DND materiel consigned to R&O Contractors. If a Contractor sub-contracts to an out of country location, the Contractor is responsible for the preparation of all the necessary customs documentations. Customs Brokers shall not be utilized unless specifically authorized by the Procurement Authority.

Annex ``B``
Log Sow for Major Equipment

8.0 WARRANTY CONSIDERATION

8.1 Materiel which has been returned for warranty consideration will be actioned in accordance with Part 10 of A-LM-184-001/JS-001.

9.0 PUBLICATIONS

9.1 General procedures with respect to management of publications are contained in Part 11 of A-LM-184-001/JS-001. The Contractor shall document requirements for publications and submit to the NDQAR. The Contractor shall develop procedures to control all DND publications in their possession and be responsible for amending all DND publications in his custody. The Record of amendments shall be maintained as indicated in the applicable area of each publication.

9.2 Unless otherwise specified, publications may be copied and/or extracts taken from them. As these copies/extracts are not subject to follow-up amendment action, they are not valid for use as a reference document and shall be stamped "*FOR INFORMATION ONLY*". Contractors shall ensure that any classified documents are provided with the appropriate security, consistent with the provisions of A-SJ-100-001/AS-000.

9.3 The Contractor shall respond to any request for "verification of publication holdings" which may be requested periodically by DND.

10.0 CONTRACTOR USE OF DND EQUIPMENT/PUBLICATIONS

10.1 The Contractor shall not use DND publications, tools, test-equipment, or jigs and fixtures for commercial work without the written consent of DND. In instances where DND has provided such consent, PWGSC will negotiate suitable compensation for DND. All requests shall be directed to the Procurement Authority through PWGSC.

11.0 STOP REPAIR ACTION

11.1 The Contractor shall comply immediately with all stop repair instructions. Detailed procedures are contained in Part 2 of A-LM-184-001/JS-001.

12.0 OFFICE SERVICES

12.1 The Contractor shall perform the secretarial and clerical work necessary to carry out the terms of this contract with respect to the preparation, filing and transmission of all forms, reports and correspondence, relating to the movement, accounting, storage, repair, overhaul, quality control and investigation of materiel covered by this contract. The provision of these office services shall be deemed to be work as defined in PWGSC Clause 01 of 2035 General Conditions – Higher Complexity – Services

**Annex ``B``
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13.0 MINUTES OF MEETINGS

13.1 When minutes of meetings are required, the Contractor shall be responsible for taking them and preparing them in a format approved by the Procurement Authority. The Contractor shall submit the minutes to Public Works and Government Services Canada (PWGSC) or the Procurement Authority as directed at the meeting, within ten (10) working days following the meeting.

14.0 PLANT SHUTDOWN/VACATION PERIOD

14.1 During plant shutdown and/or vacation periods, the Contractor shall ensure that adequate facilities/personnel are available to ensure the satisfaction of Priority Repair Requests (PRRs). If contractor personnel are not on site during shutdown, a list of names and home phone numbers of those contractor personnel to be contacted during plant closure shall be provided to the NDQAR. It is the Contractor's responsibility to ensure that personnel are available to satisfy PRR requirements once identified.

15.0 REPORTS

15.1 ACCIDENT/INCIDENT REPORTS

15.1.1 The Contractor shall submit accident/incident reports in accordance with Chapter 7 Para 32 (b) and Chapter 7 Para 41 (f) of CFTO A-GA-135-001/AA-001, through the supporting NDQAR.

15.2 ANNUAL CONTRACTOR HELD INVENTORY REPORT

15.2.1 The contractor will be required to report annually to the PA on the value of Accountable Advance Spares (AAS) and Government Furnished Overhaul Spares (GFOS) inventory held on March 31. Annex A provides details on how to report this inventory, and Annex B is a sample copy of the report proforma.

**Annex ``B``
Log Sow for Major Equipment**

Appendix I Contractor-Held Inventory Reporting Requirements

The instructions to complete the Contractor-Held Inventory Reporting templates are as follows:

Part A

"DND Owned Inventory Holdings held by Contractors as at 31 Mar 20XX".

Notes

1. A separate Inventory Holdings report is required for Consumable Inventory and Repairable Inventory. If your inventory cannot be reported or separated on the basis of consumable versus repairable, please state what the majority of the inventory would be classified as repairable or consumable based on the definitions below.
2. Loaned equipment from DND must be authorized through a DND-authorized loan agreement. Reporting shall be as per the conditions of the loan agreement.
3. Whole Capital assets are not to be reported to DND. Whole Capital Assets are equipment that has been purchased by DND for the contractor that are not considered inventory, such as vehicles, test equipment, etc.
4. The reports provided by the company inventory system are acceptable for reporting purposes to DND, as long as they contain the essential information requested in the template provided.
5. Provide any alternate part number or manufacture part number in addition to the part number listed above. Provide the class also, if available, as well as any additional field information you have that may help to classify the data.
6. Provide the inventory report in electronic format, MS Excel being the preferred software, if available.

Definitions:

Government Furnished Overhaul Spares (GFOS) – Non-catalogued inventory spares which are not purchased by the contractor but arise from: AA spares transferred from another contractor; DND procurement with the US government; spares salvaged from DND equipment; or de-catalogued CIS spares which are for 3rd line use only. GFOS spares are not recorded in the Canadian Forces Supply System (CFSS).

Accountable Advance Spares (AAS) – Non-catalogued inventory spares which the contractor has been authorized by DND to purchase using DND funds, on an exceptional basis. The CFSS does not track AAS.

Bonded Stock – Inventory spares which the Out of Country contractor has been authorized by DND to purchase using DND funds, on an exceptional basis. The CFSS does not track bonded stock.

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Repairable Inventory – An item of supply designated as capable of being repaired.

Consumable Inventory – An item of supply that is not repairable.

Part B

”Repairable Template Input/Output Repairable Inventory Report for the Year Ending 31 March 20XX” and “Consumable Template Input/Output Consumable Inventory Report for the Year Ending 31 March 20XX”:

Notes:

1. The closing inventory as at 31 Mar 20XX must be equal to the itemized listings provided in the consumable and repairable reports of ‘DND Owned Inventory Holdings as at 31 Mar 20XX.’
2. A separate Input/Output Inventory Report is required for Consumable Inventory and Repairable Inventory.
3. It is preferable to provide the data in a part number level format detailing the equipment platform supported, but the summary level report as outlined in the template is acceptable.
4. Report in one currency only and specify the currency if it is not Canadian.

Part C

"Additional Information Requested for Year-End Reporting"

The following information is requested:

1. Description of the activities performed under the Repair and Overhaul (R&O) contract(s) supported by the inventory holdings if not supplied on the Part A spreadsheet (such as R&O on Hercules engines);
2. How often stocktaking is performed on the contractor holdings of DND owned inventory;
3. Date of last stocktaking;
4. The accounting method used by the contractor to value the inventory reported first-in-first-out (FIFO), last-in-first-out (LIFO), historical cost or moving weighted average;
5. Is this a sub-contractor to another company? If so, who?
6. DND and contractor point of contact for the inventory report as at 31 Mar 20XX

Annex "B"
Log Sow for Major Equipment

PART B

REPAIRABLE TEMPLATE
INPUT / OUTPUT REPAIRABLE INVENTORY REPORT
FOR THE YEAR ENDING 31 MARCH 20XX

Opening Inventory as at 1 April 20XX:

Plus: Cost of Goods Purchased or Acquired:

Minus: Consumption / Removals:

Closing Inventory as at 31 March 20XX:

NOTES

Note 1: The closing inventory as at 31 March 20XX must be equal to the itemized listing of repairable items provided through Part A, DND Owned Inventory Holdings Held by Contractors as at 31 March 20XX.

Note 2: A separate Input / Output Inventory Report is required for Consumable Inventory and Repairable Inventory.

Note 3: Report in one currency only and specify the currency if it is not Canadian.

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PART B

CONSUMABLE TEMPLATE
INPUT / OUTPUT CONSUMABLE INVENTORY REPORT
FOR THE YEAR ENDING 31 MARCH 20XX

Opening Inventory as at 1 April 20XX:

Plus: Cost of Goods Purchased or Acquired:

Minus: Consumption / Removals:

Closing Inventory as at 31 March 20XX:

NOTES

Note 1: The closing inventory as at 31 March 20XX must be equal to the itemized listing of consumable items provided through Part A, DND Owned Inventory Holdings Held by Contractors as at 31 March 20XX.

Note 2: A separate Input / Output Inventory Report is required for Consumable Inventory and Repairable Inventory.

Note 3: Report in one currency only and specify the currency if it is not Canadian.

Annex "B"
Log Sow for Major Equipment

PART C

ADDITIONAL INFORMATION REQUESTED FOR YEAR END REPORTING

description of the activities performed under the Repair & Overhaul (R&O) contract(s) supported by the inventory holdings if not supplied on the Part A readsheet (i.e. R&O on Hercules engines).	
How often is a stocktaking performed on the contractor holdings of DND owned inventory?	
What is the date of last stocktaking?	
What accounting method is used by the contractor to value the inventory reported (FIFO, LIFO, historical cost or moving weighted average)?	
Is this a sub-contractor to another company? If so, who?	
DND and Contractor points of contact for the inventory report as at 31 March XXX.	

NOTES

Note 1: Inventory reports may be subject to audit by the Office of the Auditor General (OAG).

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 request that bidders address and present topics in the order of the evaluation criteria contained in the table below using the same headings.

ITEM NO	ANNEX REFERENCE	REQUIREMENT	PROOF OF COMPLIANCE	BID REFERENCE
M1	Annex A, paragraph 4.1.1	The Bidder shall have been in the business of upfitting 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 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 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 will dispose of equipment that had been removed from a de-equipped vehicle and no longer useable.	
M6	Annex A, paragraph 4.2.12	The Bidder shall demonstrate that they can access the Ford for the receipt of the specification(s), updates, service bulletins and engineering support for the work.	The Bidder shall provide written confirmation from the Ford.	
M7	Annex A, paragraphs 5.4 and 5.5	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 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 demonstrate that they shall only permit authorized contractor personnel to drive MP vehicles who have a valid Provincial Driver's License.	The Bidder shall provide written attestation that they shall only permit authorized contractor personnel to drive MP vehicles who have a valid Provincial Driver's License.	

Appendix 1
Annex C
W8486-151138
XX May 2105

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, paragraph 1	All lettering and striping <u>shall</u> be made from high-grade reflective vinyl (3M™ Scotchlite™ Removable Reflective Graphic Film with Comply™ Adhesive Series 680CR			
E2	Appendix 1 paragraph 2a	Font and striping <u>shall</u> be 3M™ 680CR-72 Red			
E3	Appendix 1 paragraph 2b	Font and striping <u>shall</u> be 3M™ 680CR-85 Black			
E4	Appendix 1 paragraph 3a	Reflective conspicuity markings <u>shall</u> be constructed from prismatic conspicuity material (3M™ Diamond Grade™ Conspicuity Tape 3M™ 983-10NL ES White			
E5	Appendix 1 paragraph 3b	Reflective conspicuity markings <u>shall</u> be constructed from prismatic conspicuity material (3M™ Diamond Grade™ Conspicuity Tape 3M™ 983-32 ES Red/White			
E6	Appendix 1 paragraph 14a (1)	Roof lights: Federal Signal – Arjent® S2 Light Bar			

E7	Appendix 1 paragraph 14a (2)	Roof lights: Code 3® – 2100 Light Bar			
E8	Appendix 1 paragraph 14a(3)	Roof lights: Whelen® Justice® Competitor™ Series Super-LED®			
E9	Appendix 1 paragraph 14a(4)	Roof lights: Whelen® -Liberty™ SW WeCan® Series Super-LED®			
E10	Appendix 1 paragraph 14b(1)	Hide-Away Lights: Whelen® – Universal LED Hideaway™			
E11	Appendix 1 paragraph 14b(2)	Hide-Away Lights: Federal Signal -Corner LED Lighting			
E12	Appendix 1 paragraph 14b(3)	Hide-Away Lights: SoundOff Signal – UnderCover LED Insert			
E13	Appendix 1 paragraph 14b(4)	Hide-Away Lights: Code 3® – LED Hide-A-Blast			
E14	Appendix 1 paragraph 14c(1)	External Front Intersection Lights: SoundOff Signal – LED3 Mini Light			
E15	Appendix 1 paragraph 14c(2)	External Front Intersection Lights: Whelen®- Vertex™ Competitor Series™ Super-LED® Light, flange kit, surface mount			
E16	Appendix 1 paragraph 14c(3)	External Front Intersection Lights: D&R Electronics – ML81-X			
E17	Appendix 1 paragraph 14d(1)	Rear Intersection Lights: Axitech™ - MS3 LED Surface Mount Lighthouse			
E18	Appendix 1 paragraph 14d(2)	Rear Intersection Lights: Whelen® - Dominator™ TIR3™ Series, model 2**			
E19	Appendix 1 paragraph 14d(3)	Rear Intersection Lights: Code 3® - XT3 Series			
E20	Appendix 1 paragraph 14e(1)	Deck Lights: Axitech™ - MicroMax II Dash/Dual LED Light Light			
E21	Appendix 1 paragraph 14e(2)	Deck Lights: Whelen® – Dominator™ TIR3™ Series, model D2 **			
E22	Appendix 1 paragraph 14e(3)	Deck Lights: Code 3® – XT3 Series			
E23	Appendix 1 paragraph 14f(1)	Front Grill Lights: Code 3 – Optix Exterior Lights			

E24	Appendix 1 paragraph 14f(2)	Front Grill Lights: Axixtech – LIN-Mini Xtreme SLED Module			
E25	Appendix 1 paragraph 14f(3)	Front Grill Lights: Code 3 – XT3 Series			
E26	Appendix 1 paragraph 14f(4)	Front Grill Lights: Whelen® – TIR3™ Series Lighthouse			
E27	Appendix 1 paragraph 14g(1)	Trunk Lid Lights: Code 3 – Optix Exterior Lights, 3 LED			
E28	Appendix 1 paragraph 14g(2)	Trunk Lid Lights: Axixtech – LIN-Mini Xtreme SLED Module			
E29	Appendix 1 paragraph 14g(3)	Trunk Lid Lights: Code 3 – XT3 Series			
E30	Appendix 1 paragraph 14g(4)	Trunk Lid Lights: Whelen® – TIR3™ Series Lighthouse			
E31	Appendix 2, paragraph 1	All lettering and striping <u>shall</u> be made from high-grade reflective vinyl (3M™ Scotchlite™ Removable Reflective Graphic Film with Comply™ Adhesive Series 680CR			
E32	Appendix 2 paragraph 2a	Font and striping <u>shall</u> be 3M™ 680CR-72 Red			
E33	Appendix 2 paragraph 2b	Font and striping <u>shall</u> be 3M™ 680CR-85 Black			
E34	Appendix 2 paragraph 3a	Reflective conspicuity markings <u>shall</u> be constructed from prismatic conspicuity material (3M™ Diamond Grade™ Conspicuity Tape 3M™ 983-10NL ES White			
E35	Appendix 2 paragraph 3b	Reflective conspicuity markings <u>shall</u> be constructed from prismatic conspicuity material (3M™ Diamond Grade™ Conspicuity Tape 3M™ 983-32 ES Red/White			
E36	Appendix 2 paragraph 14a (1)	Roof lights: Federal Signal – Arjent® S2 Light Bar			

E37	Appendix 2 paragraph 14a (2)	Roof lights: Code 3® – 2100 Light Bar			
E38	Appendix 2 paragraph 14a(3)	Roof lights: Whelen® Justice® Competitor™ Series Super-LED®			
E39	Appendix 2 paragraph 14a(4)	Roof lights: Whelen® -Liberty™ SW WeCan® Series Super-LED®			
E40	Appendix 2 paragraph 14b(1)	Hide-Away Lights: Whelen® – Universal LED Hideaway™			
E41	Appendix 2 paragraph 14b(2)	Hide-Away Lights: Federal Signal -Corner LED Lighting			
E42	Appendix 2 paragraph 14b(3)	Hide-Away Lights: SoundOff Signal – UnderCover LED Insert			
E43	Appendix 2 paragraph 14b(4)	Hide-Away Lights: Code 3® – LED Hide-A-Blast			
E44	Appendix 2 paragraph 14c(1)	External Front Intersection Lights: SoundOff Signal – LED3 Mini Light			
E45	Appendix 2 paragraph 14c(2)	External Front Intersection Lights: Whelen®- Vertex™ Competitor Series™ Super-LED® Light, flange kit, surface mount			
E46	Appendix 2 paragraph 14c(3)	External Front Intersection Lights: D&R Electronics – ML8I-X			
E47	Appendix 2 paragraph 14d(1)	Rear Intersection Lights: Axitech™ - MS3 LED Surface Mount Lighthouse			
E48	Appendix 2 paragraph 14d(2)	Rear Intersection Lights: Whelen® - Dominator™ TIR3™ Series, model 2**			
E49	Appendix 2 paragraph 14d(3)	Rear Intersection Lights: Code 3® - XT3 Series			
E50	Appendix 2 paragraph 14e(1)	Deck Lights: Axitech™ - MicroMax II Dash/Dual LED Light Light			
E51	Appendix 2 paragraph 14e(2)	Deck Lights: Whelen® – Dominator™ TIR3™ Series, model D2 **			
E52	Appendix 2 paragraph 14e(3)	Deck Lights: Code 3® – XT3 Series			
E53	Appendix 2 paragraph 14f(1)	Front Grill Lights: Code 3 – Optix Exterior Lights			

E54	Appendix 2 paragraph 14f(2)	Front Grill Lights: Axixtech – LIN-Mini Xtreme SLED Module			
E55	Appendix 2 paragraph 14f(3)	Front Grill Lights: Code 3 – XT3 Series			
E56	Appendix 2 paragraph 14f(4)	Front Grill Lights: Whelen® – TIR3™ Series Lighthouse			
E57	Appendix 2 paragraph 14g(1)	Trunk Lid Lights: Code 3 – Optix Exterior Lights, 3 LED			
E58	Appendix 2 paragraph 14g(2)	Trunk Lid Lights: Axixtech – LIN-Mini Xtreme SLED Module			
E59	Appendix 2 paragraph 14g(3)	Trunk Lid Lights: Code 3 – XT3 Series			
E60	Appendix 2 paragraph 14g(4)	Trunk Lid Lights: Whelen® – TIR3™ Series Lighthouse			

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	Sedan Only New Decal Package includes conspicuity markings	\$	\$	\$	\$	\$
2	SUV Only 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	Marked Sedan only Trunk interior warning lights, red and blue in colour, mounted on the underside of the trunk lid	\$	\$	\$	\$	\$
11	Marked Sedan only. Rear deck lights, red and blue in colour (installed on rear deck)	\$	\$	\$	\$	\$
12	Marked SUV only. Grommet/flush mount trunk lid warning lights, red and blue in colour, mounted on the underside of the trunk lid.	\$	\$	\$	\$	\$
13	Marked SUV only. 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	Marked SUV only. 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	Marked SUV only. Electronics 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.					
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	Marked Sedan only Trunk interior warning lights, red and blue in colour, mounted on the					

	underside of the trunk lid					
46	Marked Sedan only. Rear deck lights, red and blue in colour (installed on rear deck)					
47	Marked SUV only. Grommet/flush mount trunk lid warning lights, red and blue in colour, mounted on the underside of the trunk lid.					
48	Marked SUV only. 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	Marked SUV only. 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	Marked SUV only. Electronics 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 frame in the cargo area of the MP vehicle that meets all of the specifications.					

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	Sedan Only New Decal Package includes conspicuity markings	\$	\$	\$	\$	\$
2	SUV Only 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	Marked Sedan only Trunk interior warning lights, red and blue in colour, mounted on the underside of the trunk lid	\$	\$	\$	\$	\$
11	Marked Sedan only. Rear deck lights, red and blue in colour (installed on rear deck)	\$	\$	\$	\$	\$
12	Marked SUV only. Grommet/flush mount trunk lid warning lights, red and blue in colour, mounted on the underside of the trunk lid.	\$	\$	\$	\$	\$
13	Marked SUV only. 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	Marked SUV only. 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	Marked SUV only. Electronics 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.					
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	Marked Sedan only Trunk interior warning lights, red and blue in colour, mounted on the					

	underside of the trunk lid					
46	Marked Sedan only. Rear deck lights, red and blue in colour (installed on rear deck)					
47	Marked SUV only. Grommet/flush mount trunk lid warning lights, red and blue in colour, mounted on the underside of the trunk lid.					
48	Marked SUV only. 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	Marked SUV only. 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	Marked SUV only. Electronics 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 frame in the cargo area of the MP vehicle that meets all of the specifications.					

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	Sedan Only New Decal Package includes conspicuity markings	\$	\$	\$	\$	\$
2	SUV Only 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	Marked Sedan only Trunk interior warning lights, red and blue in colour, mounted on the underside of the trunk lid	\$	\$	\$	\$	\$
11	Marked Sedan only. Rear deck lights, red and blue in colour (installed on rear deck)	\$	\$	\$	\$	\$
12	Marked SUV only. Grommet/flush mount trunk lid warning lights, red and blue in colour, mounted on the underside of the trunk lid.	\$	\$	\$	\$	\$
13	Marked SUV only. 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	Marked SUV only. 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	Marked SUV only. Electronics 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.					
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	Marked Sedan only Trunk interior warning lights, red and blue in colour, mounted on the					

	underside of the trunk lid					
46	Marked Sedan only. Rear deck lights, red and blue in colour (installed on rear deck)					
47	Marked SUV only. Grommet/flush mount trunk lid warning lights, red and blue in colour, mounted on the underside of the trunk lid.					
48	Marked SUV only. 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	Marked SUV only. 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	Marked SUV only. Electronics 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.					

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	Sedan Only New Decal Package includes conspicuity markings	\$	\$	\$	\$	\$
2	SUV Only 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	Marked Sedan only Trunk interior warning lights, red and blue in colour, mounted on the underside of the trunk lid	\$	\$	\$	\$	\$
11	Marked Sedan only. Rear deck lights, red and blue in colour (installed on rear deck)	\$	\$	\$	\$	\$
12	Marked SUV only. Grommet/flush mount trunk lid warning lights, red and blue in colour, mounted on the underside of the trunk lid.	\$	\$	\$	\$	\$
13	Marked SUV only. 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	Marked SUV only. 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	Marked SUV only. Electronics 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.					
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	Marked Sedan only Trunk interior warning lights, red and blue in colour, mounted on the					

	underside of the trunk lid					
46	Marked Sedan only. Rear deck lights, red and blue in colour (installed on rear deck)					
47	Marked SUV only. Grommet/flush mount trunk lid warning lights, red and blue in colour, mounted on the underside of the trunk lid.					
48	Marked SUV only. 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	Marked SUV only. 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	Marked SUV only. Electronics 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.					

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	Sedan Only New Decal Package includes conspicuity markings	\$	\$	\$	\$	\$
2	SUV Only 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	Marked Sedan only Trunk interior warning lights, red and blue in colour, mounted on the underside of the trunk lid	\$	\$	\$	\$	\$
11	Marked Sedan only. Rear deck lights, red and blue in colour (installed on rear deck)	\$	\$	\$	\$	\$
12	Marked SUV only. Grommet/flush mount trunk lid warning lights, red and blue in colour, mounted on the underside of the trunk lid.	\$	\$	\$	\$	\$
13	Marked SUV only. 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	Marked SUV only. 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	Marked SUV only. Electronics 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.					
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	Marked Sedan only Trunk interior warning lights, red and blue in colour, mounted on the					

	underside of the trunk lid					
46	Marked Sedan only. Rear deck lights, red and blue in colour (installed on rear deck)					
47	Marked SUV only. Grommet/flush mount trunk lid warning lights, red and blue in colour, mounted on the underside of the trunk lid.					
48	Marked SUV only. 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	Marked SUV only. 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	Marked SUV only. Electronics 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.					

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	Sedan Only New Decal Package includes conspicuity markings	\$	\$	\$	\$	\$
2	SUV Only 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	Marked Sedan only Trunk interior warning lights, red and blue in colour, mounted on the underside of the trunk lid	\$	\$	\$	\$	\$
11	Marked Sedan only. Rear deck lights, red and blue in colour (installed on rear deck)	\$	\$	\$	\$	\$
12	Marked SUV only. Grommet/flush mount trunk lid warning lights, red and blue in colour, mounted on the underside of the trunk lid.	\$	\$	\$	\$	\$
13	Marked SUV only. 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	Marked SUV only. 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	Marked SUV only. Electronics 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.					
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	Marked Sedan only Trunk interior warning lights, red and blue in colour, mounted on the					

	underside of the trunk lid					
46	Marked Sedan only. Rear deck lights, red and blue in colour (installed on rear deck)					
47	Marked SUV only. Grommet/flush mount trunk lid warning lights, red and blue in colour, mounted on the underside of the trunk lid.					
48	Marked SUV only. 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	Marked SUV only. 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	Marked SUV only. Electronics 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.					

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	Sedan Only New Decal Package includes conspicuity markings	\$	\$	\$	\$	\$
2	SUV Only 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	Marked Sedan only Trunk interior warning lights, red and blue in colour, mounted on the underside of the trunk lid	\$	\$	\$	\$	\$
11	Marked Sedan only. Rear deck lights, red and blue in colour (installed on rear deck)	\$	\$	\$	\$	\$
12	Marked SUV only. Grommet/flush mount trunk lid warning lights, red and blue in colour, mounted on the underside of the trunk lid.	\$	\$	\$	\$	\$
13	Marked SUV only. 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	Marked SUV only. 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	Marked SUV only. Electronics 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.					
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	Marked Sedan only Trunk interior warning lights, red and blue in colour, mounted on the					

	underside of the trunk lid					
46	Marked Sedan only. Rear deck lights, red and blue in colour (installed on rear deck)					
47	Marked SUV only. Grommet/flush mount trunk lid warning lights, red and blue in colour, mounted on the underside of the trunk lid.					
48	Marked SUV only. 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	Marked SUV only. 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	Marked SUV only. Electronics 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.					