#### RETURN OFFERS TO: RETOURNER LES OFFRES À :

Bid Receiving/Réception des sousmissions

Email / courriel : <u>E\_Pacific\_Bids@rcmp-grc.gc.ca</u>

Title - Suiet

Attention : Alice Weng M2989-2-0184

# REQUEST FOR STANDING OFFER

Regional Individual Standing Offer (RISO)

# DEMANDE D'OFFRES À COMMANDES

Offre à commandes individuelle et régionale (OCIR)

Proposal to: Royal Canadian Mounted Police

We hereby offer to sell to His Majesty the King 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 : Gendarmerie royale du Canada

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

Comments: - Commentaires:

THIS DOCUMENT DOES NOT CONTAIN A SECURITY REQUIREMENT

LE PRÉSENT DOCUMENT NE COMPORTE PAS UNE EXIGENCE EN MATIÈRE DE SÉCURITÉ

Concealed Radio Ar Antenna Parts RISO	<b>Dat</b> 202	3/09/13		
Solicitation No. – N M2989-2-0184	l° de l'invitation			
Client Reference N	o No. De Réfé	rence du	Clie	nt
Solicitation Closes	- L'invitation p	rend fin		
<b>At /à :</b> 14 :00		PDT(Pacific Daylight Time)		
				P (heure avancee du cifique)
On / le : 2023/10	/17			
<b>Delivery - Livraisor</b> See herein — Voir a présentes		in — Voir		Duty – Droits See herein — Voir aux présentes
Destination of Goo services See herein — Voir a		s – Destir	natio	ns des biens et
Instructions See herein — Voir a	ux présentes			
Address Inquiries t		gnement	s à	
Address Inquiries t Adresser toute den Telephone No. – No téléphone	nande de rensei	1	ile N	o. – No. de
Adresser toute den	nande de rensei o. de	Facsim télécop Deliver	ile N ieur y Off	
Adresser toute den Telephone No. – No téléphone  Delivery Required - Livraison exigée	o. de  ux présentes , Address and R	Facsim télécop Deliver Livrais	ile Noieur  y Offon potative	ered – roposée e – Raison sociale,
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#### **PART 1 - GENERAL INFORMATION**

NOTE: Canada Buys is the new official source for Government of Canada tender and award notices. Buy and Sell remains as a source for information, procurement policy and guidelines.

#### 1.1 Introduction

The Request for Standing Offers (RFSO) is divided into six parts plus attachments and annexes, as follows:

- Part 1 General Information: provides a general description of the requirement;
- Part 2 Offeror Instructions: provides the instructions applicable to the clauses and conditions of the RFSO;
- Part 3 Offer Preparation Instructions: provides Offerors with instructions on how to prepare their offer to address the evaluation criteria specified;
- Part 4 Evaluation Procedures and Basis of Selection: indicates how the evaluation will be conducted, the evaluation criteria which must be addressed in the offer, and the basis of selection;
- Part 5 Certifications and Additional Information: includes the certifications and additional information to be provided;
- Part 6 6A, Standing Offer, and 6B, Resulting Contract Clauses:
  - 6A, includes the Standing Offer containing the offer from the Offeror and the applicable clauses and conditions;
  - 6B, includes the clauses and conditions which will apply to any contract resulting from a call-up made pursuant to the Standing Offer.

The Annexes include the Statement of Requirement, the Basis of Payment, the Standing Offer Usage Report and the Mandatory Technical Evaluation Criteria,

# 1.2 Summary

- 1.2.1 The Royal Canadian Mounted Police (RCMP) has a requirement for concealed radio antennas and concealed Antenna Parts on an as and when requested basis. The purpose of this Request for Standing Offer (RFSO) is to establish a Regional Individual Standing Offer (RISO) for delivery of a range of goods as identified in the Statement of Requirements section of this document to RCMP "E" division, Chilliwack BC.
- 1.2.2 The period for making call-ups against the Standing Offer is two (2) years from date of issuance of the Standing Offer, with the option to extend the Standing Offer for two (2)

additional one (1) year periods. Delivery must be made within 30 calendar days from receipt of a call-up against the Standing Offer.

- 1.2.3 The total dollar value of all Standing Offers is estimated to be \$ 400,000.00 (applicable taxes included). Individual call-ups will vary, up to a maximum of \$40,000.00 (applicable taxes included). Offerors should note that there is no guarantee that the full or any amount of the Standing Offers will be called-up; RCMP will issue call-ups only when the specific goods to be provided under the Standing Offer are needed.
- 1.2.4 The requirement is subject to the provisions of the World Trade Organization Agreement on Government Procurement (WTO-AGP), the Canadian Free Trade Agreement (CFTA) and the Bilateral Free Trade Agreements with Canada-Chile, Canada-Columbia, Canada-Honduras, Canada-Korea, Canada-Panama and Canada-Peru.

# 1.3 Debriefings

Offerors may request a debriefing on the results of the request for standing offers process. Offerors should make the request to the Standing Offer Authority within 15 working days of receipt of the results of the request for standing offers process. The debriefing may be in writing, by telephone or in person.

## 1.4 Recourse Mechanisms

If you have any concerns relating to the procurement process, please refer to the <u>Recourse Mechanisms</u> page on the Buyandsell.gc.ca website. Please note that there are strict deadlines for filing complaints with the Canadian International Trade Tribunal (CITT) or the <u>Office of the Procurement Ombudsman (OPO)</u>.

https://buyandsell.gc.ca/for-businesses/selling-to-the-government-of-canada/bid-follow-up/bid-challenge-and-recourse-mechanisms

http://opo-boa.gc.ca/plaintesurvol-complaintoverview-eng.html

# 1.5 Anticipated migration to an e-Procurement Solution (EPS)

Canada is currently developing an online EPS for faster and more convenient ordering of goods and services. In support of the anticipated transition to this system and how it may impact any resulting Standing Offer that is issued under this solicitation, refer to 6.13 Transition to an e-Procurement Solution (EPS).

The Government of Canada's press release provides additional information.



#### **PART 2 - OFFEROR INSTRUCTIONS**

# 2.1 Standard Instructions, Clauses and Conditions

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

Revision to Departmental Name: As this solicitation is issued by Royal Canadian Mounted Police (RCMP), any reference to Public Works and Government Services Canada or PWGSC or its Minister contained in any term, condition or clause of this solicitation, including any individual SACC clauses incorporated by reference, will be interpreted as reference to RCMP or its Minister.

Offerors who submit an offer agree to be bound by the instructions, clauses and conditions of the RFSO and accept the clauses and conditions of the Standing Offer and resulting contract(s).

The <u>2006</u> (2023-06-08) Standard Instructions - Request for Standing Offers - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the RFSO.

Subsection 5.4 of <u>2006</u>, Standard Instructions - Request for Standing Offers - Goods or Services - Competitive Requirements, is amended as follows:

Delete: 60 days Insert: 120 days

# **2.1.1 Equivalent Products** <u>B3000T (2006-06-16)</u>

Products that are equivalent in form, fit, function and quality to the item(s) specified in the bid solicitation will be considered where the Offeror:

- a. designates the brand name, model and/or part number of the substitute product;
- b. states that the substitute product is fully interchangeable with the item specified;
- c. provides complete specifications and descriptive literature for each substitute product;
- d. provides compliance statements that include technical specifics showing the substitute product meets all mandatory performance criteria that are specified in the bid solicitation; and
- e. clearly identifies those areas in the specifications and descriptive literature that support the substitute product's compliance with any mandatory performance criteria.

Products offered as equivalent in form, fit, function and quality will not be considered if:

- a. the offer fails to provide all the information requested to allow the Standing Offer Authority to fully evaluate the equivalency of each substitute product; or
- b. the substitute product fails to meet or exceed the mandatory performance criteria specified in the solicitation for that item.

In conducting its evaluation of the offers, Canada may, but will have no obligation to, request Offerors offering a substitute product to demonstrate, at the sole cost of

Offerors, that the substitute product is equivalent to the item specified in the solicitation.

#### 2.2 Submission of Offers

Offers must be submitted only to RCMP Offer Receiving Unit by the date, time and place indicated on page 1 of the Request for Standing Offers.

Transmission of offers by facsimile to RCMP will not be accepted.

NOTE: The RCMP has not been approved for offer submission by Canada Post Corporation (CPC) Connect service.

# 2.3. Enquiries - Request for Standing Offers

All enquiries must be submitted in writing to the Standing Offer Authority no later than 7 calendar days before the Request for Standing Offers (RFSO) closing date. Enquiries received after that time may not be answered.

Offerors should reference as accurately as possible the numbered item of the RFSO to which the enquiry relates. Care should be taken by Offerors 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 question(s) or may request that Offerors do so, so that the proprietary nature of the question(s) is eliminated, and the enquiry can be answered to all Offerors. Enquiries not submitted in a form that can be distributed to all Offerors may not be answered by Canada.

## 2.4. Applicable Laws

The Standing Offer and any contract resulting from the Standing Offer must be interpreted and governed, and the relations between the parties determined, by the laws in force in British Columbia.

Offerors may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their offer, 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 Offerors.

#### 2.5 Promotion of Direct Deposit Initiative

The following information is not related to the solicitation process:

An initiative within the Government of Canada called the Cheque Standardization Project has been established whereby eventually for all payments, cheque stubs will no longer be printed and, with few exceptions, will be processed via direct deposit. This option is only available when payment is made in Canadian dollars for deposit into a Canadian bank account. In an attempt to



be proactive, RCMP Corporate Accounting is promoting the registration of RCMP suppliers for the upcoming change in the payment process.

If you are the successful Offeror on this or any other RCMP requirement, you are encouraged to register with the RCMP for direct deposit. Please contact RCMP Corporate Accounting by email to receive a form entitled *Recipient Electronic Payment Registration Request* along with instructions for completion of the form.

Should you have any questions regarding the Cheque Standardization Project or if you want to register, please contact the following email: <a href="mailto:corporate">corporate</a> accounting@rcmp-grc.gc.ca

# **PART 3 - OFFER PREPARATION INSTRUCTIONS**

# 3.1. Offer Preparation Instructions

Canada requests that the Offerer submit its complete **email** Offer in separately saved and attached sections as follows:

Section I: Technical Offer (one soft copy in PDF format)

Section II: Financial Offer (one soft copy in PDF format)

Section III: Certifications (one soft copy in PDF format)

#### Important Note:

For Offers transmitted by email, Canada will not be responsible for any failure attributable to the transmission or receipt of the Offer including, but not limited to, the following:

- receipt of garbled or incomplete Offer;
- delay in transmission or receipt of the Offer to the Standing Offer Authority's email inbox (the date & time on the email received by the Standing Offer Authority is considered the date & time of receipt of the Offer submission);
- c. availability or condition of the receiving equipment;
- d. incompatibility between the sending and receiving equipment;
- e. failure of the Offerer to properly identify the Offer;
- f. illegibility of the Offer; or
- g. security of Offer data.

An Offer transmitted electronically constitutes the formal Offer of the Offerer and must be submitted in accordance with Section 05 of 2006 (2023-06-08) Standard Instructions - Goods or Services - Competitive Requirements.

The RCMP has restrictions on incoming e-mail messages. The maximum e-mail message size including all file attachments must not exceed 5MB. Zip files or links to Offer documents will not be accepted. Incoming e-mail messages exceeding the maximum file size and/or containing zip file attachments will be blocked from entering the RCMP e-mail system. An Offer transmitted by e-mail that gets blocked by the RCMP e-mail system will be considered not received. It is the responsibility of the Offerer to ensure receipt.

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

Canada requests that Offerors follow the format instructions described below in the preparation of their offer.



a) use a numbering system that corresponds to that of the Request for Standing Offers.

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 <u>Policy on Green Procurement</u> (https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573). To assist Canada in reaching its objectives, Offerors should:

- 1. Include all environmental certification(s) relevant to your organization (e.g. ISO 14001, Leadership in Energy and Environmental Design (LEED), Carbon Disclosure Project, etc.)
- Include all environmental certification(s) or Environmental Product Declaration(s) (EPD)specific to your product/service (e.g. Forest Stewardship Council (FSC), ENERGYSTAR, etc.)
- 3. Unless otherwise noted, Offerors are encouraged to submit offers electronically. If hard copies are required, Offerors should:
  - a. 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
  - 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 Offer

In their technical offer, Offerors should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work.

#### Section II: Financial Offer

Offerors must submit their financial offer in accordance with the Annex B, Basis of Payment.

# 3.1.1 Payment by Credit Card

If the Offeror is willing to accept payment of invoices by Electronic Payment Instruments, complete Attachment 1 to Part 3 Electronic Payment Instruments, to identify which ones are accepted.

If Attachment 1 to Part 3 Electronic Payment Instruments is not completed, it will be considered as if Electronic Payment Instruments are not being accepted for payment of invoices.

Acceptance of credit cards for payment of call-ups will not be considered as an evaluation criterion.

#### Section III: Certifications

Offerors must submit the certifications and additional information required under Part 5.

# ATTACHMENT 1 to PART 3 OF THE REQUEST FOR STANDING OFFERS

# **ELECTRONIC PAYMENT INSTRUMENTS**

The Offeror accepts to be paid by any of the following Electronic Payment Instrument(s):
( ) VISA Acquisition Card (<\$10K);
( ) MasterCard Acquisition Card (<10K);
( ) Direct Deposit (Domestic and International);
( ) Electronic Data Interchange (EDI);
( ) Wire Transfer (International Only):

# PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

## 4.1 Evaluation Procedures

- (a) Offers will be assessed in accordance with the entire requirement of the Request for Standing Offers including the technical and financial evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the offers.

#### 4.1.1 Technical Evaluation

# 4.1.1.1 Mandatory Technical Criteria

Offers will be evaluated in accordance with the mandatory technical criteria attached at Annex D. Offers failing to meet any one of the mandatory technical criteria will be deemed non-compliant and given no further consideration.

## 4.1.2 Financial Evaluation

M0222T (2016-01-28), Evaluation of Price – Canadian / Foreign Offerors

# 4.2 Basis of Selection

An offer must comply with the requirements of the Request for Standing Offers and meet all mandatory technical evaluation criteria to be declared responsive. The responsive offer with the lowest evaluated price will be recommended for issuance of a standing offer.

#### PART 5 - CERTIFICATIONS AND ADDITIONAL INFORMATION

Offerors must provide the required certifications and additional information to be issued a standing offer.

The certifications provided by Offerors to Canada are subject to verification by Canada at all times. Unless specified otherwise, Canada will declare an offer non-responsive, will have the right to set-aside a standing offer, or will declare a contractor in default if any certification made by the Offeror is found to be untrue whether made knowingly or unknowingly during the offer evaluation period, during the Standing Offer period, or during the contract period.

The Standing Offer Authority will have the right to ask for additional information to verify the Offeror's certifications. Failure to comply and to cooperate with any request or requirement imposed by the Standing Offer Authority will render the offer non-responsive, result in the setting aside of the Standing Offer or constitute a default under the Contract.

# 5.1 Certifications Precedent to Issuance of a Standing Offer and Additional Information

The certifications and additional information listed below should be submitted with the offer, but may be submitted afterwards. If any of these required certifications or additional information is not completed and submitted as requested, the Standing Offer Authority will inform the Offeror 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 offer non-responsive.

#### 5.1.1 Integrity Provisions

In accordance with the section titled Information to be provided when bidding, contracting, or entering into a real property agreement subject to the <u>Ineligibility and Suspension</u>

<u>Policy</u> (http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html), the Offeror must provide the required documentation, as applicable, to be given further consideration in the procurement process:

- Declaration of Convicted Offences Integrity Declaration Form (as applicable)
- Required Documentation (List of names for integrity verification form)

Please see the <u>Forms for the Integrity Regime</u> website for further details (http://www.tpsgc-pwgsc.gc.ca/ci-if/formulaires-forms-eng.html).

#### 5.1.2 Federal Contractors Program for Employment Equity - Standing Offer Certification

By submitting an offer, the Offeror certifies that the Offeror, and any of the Offeror's members if the Offeror is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list available at the bottom of the page of the <a href="Employment and Social Development Canada (ESDC)">Employment and Social Development Canada (ESDC)</a> — <a href="Labour's">Labour's</a> website (https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#).



Canada will have the right to declare an offer non-responsive, or to set-aside a Standing Offer, if the Offeror, or any member of the Offeror if the Offeror is a Joint Venture, appears on the "FCP Limited Eligibility to Bid" list at the time of issuing of a Standing Offer or during the period of the Standing Offer.

# 5.1.3 Additional Certifications Precedent to Issuance of a Standing Offer

# 5.1.3.1 Independent Bid Determination

The attached Certificate of Independent Bid Determination (attached Attachment 1 to Part 5) has been developed by the federal Competition Bureau for use by the Contacting Authority when calling for bids, tenders or quotations. The intention of this documentation is to deter bid-rigging by requiring Offerors to disclose, to the Contracting Authority, all material facts about any communications and arrangements which the Offeror has entered into with competitors regarding the call for tenders.

# ATTACHMENT 1 to PART 5 - CERTIFICATE OF INDEPENDENT OFFER DETERMINATION

I, the u	ndersigned, in submitting the accompanying offer (hereinafter "offer") to:
(Corpo	rate Name of Recipient of this Submission)
for:	(Name and Number of Offer and Project)
	(Name and Number of Offer and Project)
in respo	onse to the call or request (hereinafter "call") for offers made by:
(Name	of Tendering Authority)
do here	by make the following statements that I certify to be true and complete in every respect:
I certify	, on behalf of: that: (Corporate Name of Offeror [hereinafter "Offeror"])
	(Corporate Name of Choron [noromation Choron ])
1.	I have read and I understand the contents of this Certificate;
2.	I understand that the accompanying offer will be disqualified if this Certificate is found not to be true and complete in every respect;
3.	I am authorized by the Offeror to sign this Certificate, and to submit the accompanying offer, on behalf of the Offeror;
4.	each person whose signature appears on the accompanying offer has been authorized by the Offeror to determine the terms of, and to sign, the offer, on behalf of the Offeror;
5.	for the purposes of this Certificate and the accompanying offer, I understand that the word "competitor" shall include any individual or organization, other than the Offeror, whether or not affiliated with the Offeror, who:
	<ul><li>(a) has been requested to submit an offer in response to this call for offers;</li><li>(b) could potentially submit an offer in response to this call for offers, based on their qualifications, abilities or experience;</li></ul>
6.	the Offeror discloses that (check one of the following, as applicable):  (a) the Offeror has arrived at the accompanying offer independently from, and without consultation, communication, agreement or arrangement with, any competitor;
	(b) the Offeror has entered into consultations, communications, agreements or arrangements with one or more competitors regarding this call for offers, and the Offeror discloses, in the attached document(s), complete details thereof, including the names of the competitors and the nature of, and reasons for, such consultations, communications, agreements or arrangements;



- 7. in particular, without limiting the generality of paragraphs (6)(a) or (6)(b) above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
  - (a) prices;
  - (b) methods, factors or formulas used to calculate prices;
  - (c) the intention or decision to submit, or not to submit, an offer; or
- (d) the submission of an offer which does not meet the specifications of the call for offers;

except as specifically disclosed pursuant to paragraph (6)(b) above;

- 8. in addition, there has been no consultation, communication, agreement or arrangement with any competitor regarding the quality, quantity, specifications or delivery particulars of the products or services to which this call for offers relates, except as specifically authorized by the Tendering Authority or as specifically disclosed pursuant to paragraph (6)(b) above;
- 9. the terms of the accompanying offer have not been, and will not be, knowingly disclosed by the Offeror, directly or indirectly, to any competitor, prior to the date and time of the official offer opening, or of the awarding of the Standing Offer, whichever comes first, unless otherwise required by law or as specifically disclosed pursuant to paragraph (6)(b) above.

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#### PART 6 - STANDING OFFER AND RESULTING CONTRACT CLAUSES

#### A. STANDING OFFER

#### 6.1 Offer

**6.1.1** The Offeror offers to fulfill the requirement in accordance with the Requirement at Annex A.

# 6.2 Security Requirements

**6.2.1** There is no security requirement applicable to the Standing Offer.

#### 6.3 Standard Clauses and Conditions

All clauses and conditions identified in the Standing Offer and resulting contract(s) by number, date and title are set out in the <u>Standard Acquisition Clauses and Conditions Manual</u> (https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual) issued by Public Works and Government Services Canada.

Revision to Departmental Name: As this contract is issued by Royal Canadian Mounted Police (RCMP), any reference to Public Works and Government Services Canada or PWGSC or its Minister contained in any term, condition or clause of this contract, including any individual SACC clauses incorporated by reference, will be interpreted as reference to RCMP or its Minister.

#### 6.3.1 General Conditions

<u>2005</u> (2022-12-01) General Conditions - Standing Offers - Goods or Services, apply to and form part of the Standing Offer.

#### 6.3.2 Standing Offers Reporting

The Offeror must compile and maintain records on its provision of goods and services to Canada under contracts resulting from the Standing Offer. This data must include all purchases done by Canada, including those acquired and paid for by Canada acquisition cards.

The Offeror must provide this data in accordance with the reporting requirements detailed in its report. If some data is not available, the reason must be indicated in the report. If no goods or services is provided during a given period, the Offeror must provide a "nil" report.

The data must be submitted on a *quarterly basis* to the Standing Offer Authority.

The quarterly reporting periods are defined as follows:

- first quarter: April 1 to June 30
- second quarter: July 1 to September 30
- third quarter: October 1 to December 31



fourth quarter: January 1 to March 31

The data must be submitted to the Standing Offer Authority no later than 15 calendar days after the end of the reporting period.

# 6.4 Term of Standing Offer

#### 6.4.1 Period of the Standing Offer

The period for making call-ups against the Standing Offer is from Standing Offer Award to March 31st, 2025.

#### 6.4.2 Extension of Standing Offer

If the Standing Offer is authorized for use beyond the initial period, the Offeror offers to extend its offer for up to two (2) additional one-year periods under the same conditions and at the rates or prices specified in the Standing Offer.

The Offeror will be advised of the decision to authorize the use of the Standing Offer for an extended period by the Standing Offer Authority (2) two days before the expiry date of the Standing Offer. A revision to the Standing Offer will be issued by the Standing Offer Authority.

#### 6.4.3 Delivery Points

Delivery of the requirement will be made to delivery point(s) specified at Annex A of the Standing Offer.

#### 6.5. Authorities

# 6.5.1 Standing Offer Authority

The Standing Offer Authority is:

Name: Alice Weng

Title: A/Senior Procurement Officer Royal Canadian Mounted Police

Address: #909-14200 Green Timbers Way, Surrey BC V3T 6P3

Telephone: 236-334-1449

E-mail address: alice.weng@rcmp-grc.gc.ca

The Standing Offer Authority is responsible for the establishment and administration of the Standing Offer, (including any extensions, set asides or cancellations). Revisions or amendments to the Standing Offer shall only be authorized in writing by the Standing Offer Authority. The Offeror must not perform work in excess of or outside the scope of the Standing Offer based on verbal or written requests or instructions from anyone other than the Contracting Authority and any work so conducted shall be at the Offeror's sole risk and expense and shall not be charged to any Authorized User unless otherwise agreed to in writing by the Contracting Authority.

## **6.5.2** Project Authority (to be inserted at contract award)

The Project Authority for the Standing Offer is:

Name:	
Title:	 _
Organization:	 
Address:	 
Telephone:	 
Facsimile:	 
E-mail address:	

The Project Authority for the Standing Offer is identified in the call-up against the Standing Offer.

The Project Authority is the representative of the department or agency for whom the Work will be carried out pursuant to a call-up against the Standing Offer and is responsible for all the technical content of the Work under the resulting Contract.

# 6.5.3 Offeror's Representative (to be inserted at contract award)

Name:	 _
Title:	
Organization:	 
Address:	 <del></del>
Telephone:	 
Facsimile:	 
F-mail address:	

## 6.6 Identified Users

The Identified User authorized to make call-ups against the Standing Offer is: RCMP E Division.

# 6.7 Call-up Instrument

The Work will be authorized or confirmed by the Identified User(s) using the duly completed forms or their equivalents as identified in paragraphs 2 and 3 below.

- Call-ups must be made by Identified Users' authorized representatives under the Standing
  Offer and must be for goods or services or combination of goods and services included in the
  Standing Offer at the prices and in accordance with the terms and conditions specified in the
  Standing Offer.
- 2. Any of the following forms may be used which are available through <a href="PWGSC Forms">PWGSC Forms</a>
  <a href="Catalogue">Catalogue</a> website:</a>

- PWGSC-TPSGC 942 Call-up Against a Standing Offer
- PWGSC-TPGSC 942-2 Call-up Against a Standing Offer Multiple Delivery
- PWGSC-TPSGC 944 Call-up Against Multiple Standing Offers (English version)
- PWGSC-TPSGC 945 Commande subséquente à plusieurs offres à commandes (French version)

# 6.8 Limitation of Call-ups

Individual call-ups against the Standing Offer must not exceed \$40,000.00 (Applicable Taxes included).

- 6.8.1 Individual call-ups against the Standing Offer less than \$10,000 (Applicable Taxes included) will be processed by Project Authority.
- 6.8.2 Individual call-ups against the Standing Offer between \$10,000 and \$40,000 (Applicable Taxes included) must be processed by E Division RCMP Procurement Office.

## 6.9 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 call up against the Standing Offer, including any annexes;
- b) the articles of the Standing Offer;
- c) the general conditions <u>2005</u> (2022-12-01), General Conditions Standing Offers Goods or Services
- d) the general conditions <u>2010A</u> (2022-12-01), General Conditions Goods (Medium Complexity) apply to and form part of the Contract.
- e) Annex A, Statement of Requirement;
- f) Annex B, Basis of Payment;
- g) Annex C, Standing Offer Quarter Usage Report;
- h) Attachment 1 to Part 5, Certificate of Independent Bid Determination
- i) the Offeror's offer dated \_\_\_\_\_

# 6.10. Procurement Ombudsman

# 6.10.1 Dispute Resolution

The Parties agree to make every reasonable effort, in good faith, to settle amicably all disputes or claims relating to the Standing Offer, through negotiations between the Parties' representatives authorized to settle. If the Parties do not reach a settlement within 25 working days after the dispute was initially raised to the other party in writing, either Party may contact the Office of the Procurement Ombudsman (OPO) to request dispute resolution/mediation services. OPO may be contacted by e-mail at <a href="mailto:boa.opo@boa-opo.gc.ca">boa.opo@boa-opo.gc.ca</a>, by telephone at 1-866-734-5169, or by web at <a href="mailto:www.opo-boa.gc.ca">www.opo-boa.gc.ca</a>. For more information on OPO's services, please see the <a href="mailto:Procurement">Procurement</a> <a href="mailto:Ombudsman Regulations">Ombudsman Regulations</a> or visit the <a href="mailto:OPO">OPO</a> website.



# 6.10.2 Standing Offer Administration

The parties understand that the Procurement Ombudsman appointed pursuant to Subsection 22.1(1) of the *Department of Public Works and Government Services Act* will review a complaint filed by the complainant respecting administration of this Standing Offer if the requirements of Subsection 22.2(1) of the *Department of Public Works and Government Services Act* and Sections 15 and 16 of the *Procurement Ombudsman Regulations* have been met.

To file a complaint, the Office of the Procurement Ombudsman may be contacted by e-mail at boa.opo@boa-opo.gc.ca, by telephone at 1-866-734-5169, or by web at <a href="https://www.opo-boa.gc.ca">www.opo-boa.gc.ca</a>.

#### 6.11 Certifications and Additional Information

# 6.11.1 Compliance

Unless specified otherwise, the continuous compliance with the certifications provided by the Offeror with its offer or precedent to issuance of the Standing Offer (SO), and the ongoing cooperation in providing additional information are conditions of issuance of the SO and failure to comply will constitute the Offeror in default. Certifications are subject to verification by Canada during the entire period of the SO and of any resulting contract that would continue beyond the period of the SO.

## 6.12 Applicable Laws

The Standing Offer and any contract resulting from the Standing Offer must be interpreted and governed, and the relations between the parties determined, by the laws in force in

## 6.13 Transition to an e-Procurement Solution (EPS)

During the period of the Standing Offer, Canada may transition to an EPS for more efficient processing and management of individual call-ups for any or all of the SO's applicable goods and services. Canada reserves the right, at its sole discretion, to make the use of the new e-procurement solution mandatory.

Canada agrees to provide the Offeror with at least a three-month notice to allow for any measures necessary for the integration of the Offer into the EPS. The notice will include a detailed information package indicating the requirements, as well as any applicable guidance and support.

If the Offeror chooses not to offer their goods or services through the e-procurement solution, the Standing Offer may be set aside by Canada.

#### **B. RESULTING CONTRACT CLAUSES**

The following clauses and conditions apply to and form part of any contract resulting from a call-up against the Standing Offer.

# 6.1 Statement of Requirement

The Contractor must provide the items detailed in the call-up against the Standing Offer.

#### 6.2 Standard Clauses and Conditions

#### 6.2.1 General Conditions

<u>2010A</u> (2022-12-01), General Conditions - Goods (Medium Complexity) apply to and form part of the Contract.

#### 6.3 Term of Call Up

#### 6.3.1 Period of the Contract

The period of the Contract is from date of call-up issuance and ends 30 days later.

## 6.3.2 Delivery Date

Delivery must be made within 30 calendar days from receipt of a call-up against the Standing Offer.

# 6.4 Payment

## 6.4.1 Basis of Payment - Firm Unit Prices

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm unit price(s) as specified in Annex B Basis of Payment. Shipping and Customs duties are included and Applicable Taxes are extra.

Canada will not pay the Contractor for any design changes, modifications or interpretations of the Work, unless they have been approved, in writing, by the Contracting Authority before their incorporation into the Work.

# 6.4.2 Method of Payment - Single Payment

Canada will pay the Contractor upon completion 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;
- the Work delivered has been accepted by Canada.



# 6.4.3 Electronic Payment of Invoices - Call-up

The Contractor accepts to be paid using any of the following Electronic Payment Instrument(s):

- a. Visa Acquisition Card (<\$10,000);
- b. MasterCard Acquisition Card (<\$10,000);</p>
- c. Direct Deposit (Domestic and International);
- d. Electronic Data Interchange (EDI);
- e. Wire Transfer (International Only);

# 6.6 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.
- 2. Invoices must be distributed as follows: One (1) copy must be forwarded by email to the Project Authority and to the Standing Offer Authority for certification and payment.

#### 6.7 Insurance

SACC Manual clause G1005C (2016-01-28) Insurance – No Specific Requirements

#### 6.8 SACC Manual Clauses

## 6.8.1 Shipping Instructions – Delivered Duty Paid

Goods must be consigned and delivered to the destination specified in the contract: Incoterms 2000 "DDP Delivered Duty Paid", Chilliwack, British Columbia.

#### 6.8.2 Inspection and Acceptance

The Project Authority is the Inspection Authority. All reports, deliverable items, documents, goods and all services rendered under the Contract are subject to inspection by the Inspection Authority or representative. Should any report, document, good or service not be in accordance with the requirements of the Statement of Work and to the satisfaction of the Inspection Authority, as submitted, the Inspection Authority will have the right to reject it or require its correction at the sole expense of the Contractor before recommending payment.

#### 6.8.3 Additional SACC Manual Clauses

B7500C (2006-06-16), Excess Goods

D2000C (2007-11-30), Marking

D2001C (2007-11-30), Labelling

D0018C (2007-11-30), Delivery and Unloading

#### **ANNEX A - STATEMENT OF REQUIREMENT**

#### 1.0 TITLE

Covert Radio Antennas and Covert Antenna Parts

## 2.0 BACKGROUND

The Royal Canadian Mounted Police (RCMP) "E" Division Post Garage, Chilliwack BC requires the availability of an equipment provider to supply covert radio antennas/parts to equip unmarked police vehicles. Two styles of antenna are needed to meet varying client requirements. The first style being a roof-mounted OEM look-alike antenna; the second being a concealable antenna, which mounts under a vehicle's bumper.

#### 3.0 OBJECTIVE

The objective of this document is to identify a Contractor who shall provide antennas that meet the below listed technical requirements. The Contractor will provide individual part numbers and their respective pricing so that purchases can be made on an as-needed basis.

#### 4.0 ACRONYMS

MHz – MegaHertz
OEM – Original Equipment Manufacturer
RF – Radio Frequency
VHF – Very High Frequency
VSWR – Voltage Standing Wave Ratio

#### 5.0 REQUIREMENTS

The Contractor must supply the requirement with the following specifications:

## 5.1 Roof Mount OEM Look-alike Antenna

#### **REQUIRED QUANTITY: APPROXIMATELY 85 PER YEAR**

#### 5.1.1 Electrical & Wireless Communication Requirements:

- 5.1.1.1 Antenna kit must have a Power Rating of no less than 50 Watts.
- 5.1.1.2 Antenna bandwidth must be at least 24 MHz covering the Very high frequency (VHF) range of 138 MHz to 162 MHz.
- 5.1.1.3 VSWR measurements must be 2:1 or better across the specified frequency range when the antenna is installed in accordance with the manufacturer's provided instructions.

- 5.1.1.4 Antenna's feed (transmission) line must have an impedance of 50 Ohms when using a provided (included) impedance matching network.
- 5.1.1.5 Antenna's feed line must have electrical properties equal to LMR195 or better.

## **5.1.2 Physical Characteristics Requirements:**

- 5.1.2.1 The antenna must allow permanent installation on a vehicle's roof either by:
  - 5.1.2.1.1 Directly replacing any existing OEM antenna and securing using provided (included) washer and nut; or,
  - 5.1.2.1.2 Where a vehicle doesn't have an OEM roof mounted antenna, drilling a ¾" hole in the roof and securing using provided (included) washer and nut.
- 5.1.2.2 The antenna kit must include a gasket to achieve a water-tight seal between the antenna and the vehicle's roof when installed in accordance with the manufacturer's provided instructions.
- 5.1.2.3 The antenna's mast must be no longer than 11.75 inches in length when measured vertically from the roof line to the tip of the whip.
- 5.1.2.4 The antenna's feed line must be a minimum of 16 feet and maximum of 25 feet in length.
- 5.1.2.5 The antenna must be a Universal OEM look-alike in style.
- 5.1.2.6 The antenna must be black in colour.

# 5.1.3 Additional Requirements:

5.1.3.1 The antenna package must include the standard RF connector of choice when placing an order; connectors to choose from include:

PL259
 Mini SMA
 UHF
 N
 BNC
 QMA

#### 5.2 Under Vehicle Bumper Antenna

# **REQUIRED QUANTITY: APPROXIMATELY 40 PER YEAR**

- **5.2.1** Electrical & Wireless Communication Requirements:
  - 5.2.1.1 Antenna package must have a Power Rating of no less than 50 Watts.
  - 5.2.1.2 Antenna bandwidth must be at least 24 MHz

- 5.2.1.3 The specified VHF frequency range must include 138 MHz to 174 MHz.
- 5.2.1.4 VSWR measurements must be 2:1 or better across the specified frequency range when the antenna is installed in accordance with the manufacturer's provided instructions.
- 5.2.1.5 Antenna's feed (transmission) line must have an impedance of 50 Ohms.
- 5.2.1.6 The antenna system's frequency range must be tunable by trimming each element and re-measuring VSWR as laid out in the manufacturer's installation guide.

# 5.2.2 Physical Characteristics Requirements:

- 5.2.2.1 The antenna dipoles must allow for mounting underneath or behind non-metallic vehicle bumpers; using both the front and rear bumpers of a vehicle.
- 5.2.2.2 Antenna material must be made of copper with a plastic coating.
- 5.2.2.3 Antenna configuration must include two dipole antenna elements (radiating element, and ground element) separated by an insulator, and connected together by a splitter.
- 5.2.2.4 Antenna dipole lengths must be a minimum of 22 inches in length.
- 5.2.2.5 Antenna feed lines must be at least 16 feet in length.

# 5.2.3 Additional Requirements:

- 5.2.3.1 The antenna package must include at least 10 ft. of heavy-duty/high-strength butyl tape.
- 5.2.3.2 The antenna package must include the standard RF connector of choice when placing an order; connectors to choose from include:

PL259
 Mini-UHF
 N

o BNC o QMA

o TNC

## 6 DELIVERY POINT

All equipment shall be delivered to:

RCMP Post Garage 1150-5450 Korea Road, Chilliwack, BC V2R 0N7

#### **ANNEX B - BASIS OF PAYMENT**

In consideration of the Contractor	satisfactorily completing all of its obligations und	ler the Contract, the Contra	actor will be paid firm u	nit prices as specified
below for a cost of \$	Customs duties are included and Applic	cable Taxes are extra.		

Goods must be consigned and delivered to the destination specified in the contract: Incoterms 2010 "DDP Delivered Duty Paid", Chilliwack, British Columbia.

#### FOR EVALUATION PURPOSES ONLY

The Offeror must insert their firm, all-inclusive unit prices in Table 1 below (columns A, D, G and J) and complete the extended price calculation (columns C, F, I and L) for the contract period identified. Failure to complete the table in full will result in the bid being deemed non-responsive and given no further consideration.

The estimated quantities (number of units) is provided for evaluation purposes only and does not constitute a guarantee or commitment on behalf of Canada.

The total evaluated price: C + F + I + L (taxes not included)

DESCRIPTION		NTRACT I YEAR AWARD	1	CONTRACT PERIOD YEAR 2 FROM 2024-04-01 TO 2025- 03-31		OPTION YEAR 1 FROM 2025-04-01 TO 2026- 03-31		OPTION YEAR 2 FROM 2026-04-01 TO 2027- 03-31				
	QTY (A)	PRICE (B)	C = AxB	QTY (D)	PRICE (E)	F = DxE	QTY (G)	PRICE (H)	I = GxH	QTY (J)	PRICE (K)	L = JxK
ROOF MOUNT ANTENNA	85	\$	\$	85	\$	\$	85	\$	\$	85	\$	\$
UNDER VEHICLE BUMPER ANTENNA	40	\$	\$	40	\$	\$	40	\$	\$	40	\$	\$
EVALUATION VALUES	SUBT	OTAL C	\$	SUB	TOTAL F	\$	SU	BTOTAL I	\$	SI	JBTOTAL L	\$

TOTAL FOR EVALUATION PURPOSES: C + F + I + L = \$\_\_\_\_\_

Standing Offer Number:

# **Annex C**

# STANDING OFFER QUARTERLY USAGE REPORT

Offerer:				
Reporting Pe		_ 1st trimester: from April 1 _ 2nd trimester: July 1 to Se _ 3rd trimester: October 1 to _ 4th trimester: from Januar	eptember 30 o December 31	
Call-Up#	Item/Product number	Description	Quantity	Total Billing (including taxes)
			TOTALS:	
NIL Report:	We have not do	ne any business with the R0	CMP for this pe	riod
Name:				
Signature: _			Date:	Telephone:

#### **ANNEX D**

# **Mandatory Technical Evaluation Criteria**

In their offers, Offerors must demonstrate in writing they meet the following mandatory criteria. Failure to meet any of the mandatory criteria will render the offer non-compliant and it will be given no further consideration. Links to web pages are not accepted and will be assessed a "NOT MET" rating.

Offerors must provide OEM brochures, pamphlets, schematics, technical drawings and any other supporting documentation to demonstrate compliance with each of the mandatory criteria.

		SUBSTANTIATION	ASSESSMENT
	CRITERIA	Please Cross Reference to Specific pages in your proposal [Completed by Bidder]	MET/ NOT MET [Completed by RCMP Evaluator]
	A - ROOF MOUNT A	NTENNA	
	Electrical & Wireless Communication		
	Requirements:		
	a. Antenna kit must have a Power Rating of no	а	
	less than 50 Watts.		
	b. Antenna bandwidth must be at least 24 MHz covering the Very high frequency (VHF) range		
	of 138 MHz to 162 MHz.	b	
	c. VSWR measurements must be 2:1 or better		
M1	across the specified frequency range when the antenna is installed in accordance with the	С	
	manufacturer's provided instructions.		
	d. Antenna's feed (transmission) line must have		
	an impedance of 50 Ohms when using a provided (included) impedance matching	d	
	network.		
	e. Antenna's feed line must have electrical		
	properties equal to LMR195 or better.	e	
	Physical Characteristics Requirements:		
	a The antenna must allow permanent installation on a vehicle's roof either by:	- 1	
	Directly replacing any existing OEM	a. l.	
M2	antenna and securing using provided		
IVIZ	(included) washer and nut; or, II. Where a vehicle doesn't have an OEM		
	roof mounted antenna, drilling a ¾" hole in	a. II.	
	the roof and securing using provided (included) washer and nut.		
	b The antenna kit must include a gasket to		
	achieve a water-tight seal between the antenna	b	

	and the vehicle's roof when installed in		
	accordance with the manufacturer's provided instructions.		
	c The antenna's mast must be no longer than		
	11.75 inches in length when measured	С	
	vertically from the roof line to the tip of the		
	whip.		
	d The antenna's feed line must be a minimum of 16 feet and maximum of 25 feet in length.	d	
	To leet and maximum of 25 leet in length.		
	e The antenna must be a Universal OEM look-		
	alike in style.	е	
	f The antenna must be black in colour.	_	
	Additional Requirements:	f	
	Additional Requirements.		
	a The antenna package must include the		
	standard RF connector of choice when placing		
	an order; connectors to choose from include:		
М3	o PL259		
	o Mini-UHF		
	o BNC		
	o TNC		
	o SMA		
	1 0 N		
	o N o QMA	a	
	o QMA		
	o QMA  B - UNDER VEHICLE BUN		
	o QMA  B - UNDER VEHICLE BUN  Electrical & Wireless Communication		
	o QMA  B - UNDER VEHICLE BUN	IPER ANTENNA	
	o QMA  B - UNDER VEHICLE BUN  Electrical & Wireless Communication		
	B - UNDER VEHICLE BUN  Electrical & Wireless Communication Requirements:  a Antenna package must have a Power Rating of no less than 50 Watts.	IPER ANTENNA	
	o QMA  B - UNDER VEHICLE BUN  Electrical & Wireless Communication Requirements:  a Antenna package must have a Power Rating of	IPER ANTENNA	
	B - UNDER VEHICLE BUN  Electrical & Wireless Communication Requirements:  a Antenna package must have a Power Rating of no less than 50 Watts.  b Antenna bandwidth must be at least 24 MHz	a	
	B - UNDER VEHICLE BUN  Electrical & Wireless Communication Requirements:  a Antenna package must have a Power Rating of no less than 50 Watts.	a	
M4	B - UNDER VEHICLE BUN  Electrical & Wireless Communication Requirements:  a Antenna package must have a Power Rating of no less than 50 Watts. b Antenna bandwidth must be at least 24 MHz  c The specified VHF frequency range must include 138 MHz to 174 MHz. d VSWR measurements must be 2:1 or better	a b	
M4	B - UNDER VEHICLE BUN  Electrical & Wireless Communication Requirements:  a Antenna package must have a Power Rating of no less than 50 Watts. b Antenna bandwidth must be at least 24 MHz  c The specified VHF frequency range must include 138 MHz to 174 MHz. d VSWR measurements must be 2:1 or better across the specified frequency range when the	a b	
M4	B - UNDER VEHICLE BUN  Electrical & Wireless Communication Requirements:  a Antenna package must have a Power Rating of no less than 50 Watts. b Antenna bandwidth must be at least 24 MHz  c The specified VHF frequency range must include 138 MHz to 174 MHz. d VSWR measurements must be 2:1 or better across the specified frequency range when the antenna is installed in accordance with the	a b	
M4	B - UNDER VEHICLE BUN  Electrical & Wireless Communication Requirements:  a Antenna package must have a Power Rating of no less than 50 Watts. b Antenna bandwidth must be at least 24 MHz  c The specified VHF frequency range must include 138 MHz to 174 MHz. d VSWR measurements must be 2:1 or better across the specified frequency range when the antenna is installed in accordance with the manufacturer's provided instructions.	a b c	
M4	B - UNDER VEHICLE BUN  Electrical & Wireless Communication Requirements:  a Antenna package must have a Power Rating of no less than 50 Watts. b Antenna bandwidth must be at least 24 MHz  c The specified VHF frequency range must include 138 MHz to 174 MHz. d VSWR measurements must be 2:1 or better across the specified frequency range when the antenna is installed in accordance with the	a b	
M4	B - UNDER VEHICLE BUN  Electrical & Wireless Communication Requirements:  a Antenna package must have a Power Rating of no less than 50 Watts. b Antenna bandwidth must be at least 24 MHz  c The specified VHF frequency range must include 138 MHz to 174 MHz. d VSWR measurements must be 2:1 or better across the specified frequency range when the antenna is installed in accordance with the manufacturer's provided instructions. e Antenna's feed (transmission) line must have an impedance of 50 Ohms. f The antenna system's frequency range must be	a b c	
M4	B - UNDER VEHICLE BUN  Electrical & Wireless Communication Requirements:  a Antenna package must have a Power Rating of no less than 50 Watts. b Antenna bandwidth must be at least 24 MHz  c The specified VHF frequency range must include 138 MHz to 174 MHz. d VSWR measurements must be 2:1 or better across the specified frequency range when the antenna is installed in accordance with the manufacturer's provided instructions. e Antenna's feed (transmission) line must have an impedance of 50 Ohms. f The antenna system's frequency range must be tunable by trimming each element and re-	a b c	
M4	B - UNDER VEHICLE BUN  Electrical & Wireless Communication Requirements:  a Antenna package must have a Power Rating of no less than 50 Watts. b Antenna bandwidth must be at least 24 MHz  c The specified VHF frequency range must include 138 MHz to 174 MHz. d VSWR measurements must be 2:1 or better across the specified frequency range when the antenna is installed in accordance with the manufacturer's provided instructions. e Antenna's feed (transmission) line must have an impedance of 50 Ohms. f The antenna system's frequency range must be tunable by trimming each element and remeasuring VSWR as laid out in the	a b c	
M4	B - UNDER VEHICLE BUN  Electrical & Wireless Communication Requirements:  a Antenna package must have a Power Rating of no less than 50 Watts. b Antenna bandwidth must be at least 24 MHz  c The specified VHF frequency range must include 138 MHz to 174 MHz. d VSWR measurements must be 2:1 or better across the specified frequency range when the antenna is installed in accordance with the manufacturer's provided instructions. e Antenna's feed (transmission) line must have an impedance of 50 Ohms. f The antenna system's frequency range must be tunable by trimming each element and re-	a b c	

	Dhusiaal Obarrataristica Damiramantar	
	Physical Characteristics Requirements:  a The antenna dipoles must allow for mounting	
	underneath or behind non-metallic vehicle	
	bumpers; using both the front and rear bumpers	
	of a vehicle.	a
	b Antenna material must be made of copper with	
	a plastic coating.	b
M5	c Antenna configuration must include two dipole	D .
	antenna elements (radiating element, and	
	ground element) separated by an insulator, and	С
	connected together by a splitter.  d Antenna dipole lengths must be a minimum of	
	22 inches in length.	d
	e Antenna feed lines must be at least 16 feet in	
	length.	
	-	e
	Additional Requirements:	
	Additional Rodallomonio.	
	a The antenna package must include at least 10	
	ft. of heavy-duty/high-strength butyl tape.	а
	b The antenna package must include the	
M6	standard RF connector of choice when placing an order; connectors to choose from include:	
IVIO	an order, connectors to choose from include.	
	o PL259	
	o Mini-UHF	
	o BNC	
	o TNC	
	o SMA	
	0 N	h
1	o QMA	b