



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

Bid Receiving Public Works and Government
Services Canada/Réception des soumissions
Travaux publics et Services gouvernementaux
Canada
Pacific Region

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

Vendor/Firm Name and Address

Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution

Public Works and Government Services Canada - Pacific
Region
401 - 1230 Government Street
Victoria, B. C.
V8W 3X4

Title - Sujet Hovercraft Multi-Mode Radios	
Solicitation No. - N° de l'invitation F1701-200062/A	Date 2021-09-12
Client Reference No. - N° de référence du client F1701-200062	
GETS Reference No. - N° de référence de SEAG PW-\$VIC-223-8284	
File No. - N° de dossier VIC-0-43176 (223)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Pacific Daylight Saving Time PDT on - le 2021-10-04 Heure Avancée du Pacifique HAP	
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: Locke, Kelsey	Buyer Id - Id de l'acheteur vic223
Telephone No. - N° de téléphone (250) 507-2482 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: See Herein	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée See Herein – Voir ci-inclus	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

TABLE OF CONTENTS

PART 1 - GENERAL INFORMATION	3
1.1 INTRODUCTION.....	3
1.2 SUMMARY	3
1.3 DEBRIEFINGS	3
PART 2 - BIDDER INSTRUCTIONS	4
2.1 STANDARD INSTRUCTIONS, CLAUSES AND CONDITIONS.....	4
2.2 SUBMISSION OF BIDS.....	4
2.3 ENQUIRIES - BID SOLICITATION.....	4
2.4 APPLICABLE LAWS.....	5
2.5 BID CHALLENGE AND RECOURSE MECHANISMS.....	5
PART 3 - BID PREPARATION INSTRUCTIONS.....	5
3.1 BID PREPARATION INSTRUCTIONS	5
PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION	6
4.1 EVALUATION PROCEDURES.....	6
4.2 BASIS OF SELECTION.....	7
PART 5 - CERTIFICATIONS AND ADDITIONAL INFORMATION	7
5.1 CERTIFICATIONS REQUIRED WITH THE BID	7
5.2 CERTIFICATIONS PRECEDENT TO CONTRACT AWARD AND ADDITIONAL INFORMATION	7
PART 6 - SECURITY, FINANCIAL AND OTHER REQUIREMENTS.....	8
6.1 SECURITY REQUIREMENTS	8
PART 7 - RESULTING CONTRACT CLAUSES	8
7.1 REQUIREMENT	8
7.2 STANDARD CLAUSES AND CONDITIONS.....	10
7.3 SECURITY REQUIREMENTS.....	10
7.4 TERM OF CONTRACT	10
7.5 AUTHORITIES	11
7.6 PROACTIVE DISCLOSURE OF CONTRACTS WITH FORMER PUBLIC SERVANTS	12
7.7 PAYMENT	12
7.8 INVOICING INSTRUCTIONS	13
7.9 CERTIFICATIONS AND ADDITIONAL INFORMATION.....	13
7.10 APPLICABLE LAWS.....	13
7.11 PRIORITY OF DOCUMENTS	13
7.12 INSURANCE	14
7.13 SACC MANUAL CLAUSES	14
7.14 INSPECTION AND ACCEPTANCE.....	14
7.15 DISPUTE RESOLUTION.....	14
ANNEX "A"	15
REQUIREMENT & MANDATORY TECHNICAL CRITERIA	15
(SEE ATTACHED).....	15
ANNEX "B"	16
BASIS OF PAYMENT	16

Solicitation No. - N° de l'invitation
F1701-200062/A
Client Ref. No. - N° de réf. du client
F1701-200062

Amd. No. - N° de la modif.
000
File No. - N° du dossier

Buyer ID - Id de l'acheteur
vic223
CCC No./N° CCC - FMS No./N° VME

ANNEX “C”	18
REQUISITION ON CONTRACT (ROC) TEMPLATE	18
ANNEX “D” TO PART 3 OF THE BID SOLICITATION	19
ELECTRONIC PAYMENT INSTRUMENTS	19

PART 1 - GENERAL INFORMATION

1.1 Introduction

The bid solicitation is divided into seven parts 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 and Additional Information: includes the certifications and additional information to be provided;
- Part 6 Security, 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 Requirement, the Basis of Payment, the Electronic Payment Instruments, the Requisition on Contract Form and any other annexes.

1.2 Summary

The Canadian Coast Guard (CCG) has a requirement for two (2) Multi Mode Radio Systems, with the option to purchase an additional two (2) systems.

The requirement is subject to a preference for Canadian goods.

The Requisition on Contract (ROC) process detailed herein allows for purchase of all optional ancillary items and optional spare parts using the mark-up % included in Annex "B".

This bid solicitation allows bidders to use the epost Connect service provided by Canada Post Corporation to transmit their bid electronically. Bidders must refer to Part 2 entitled Bidder Instructions, and Part 3 entitled Bid Preparation Instructions, of the bid solicitation, for further information.

1.3 Debriefings

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

PART 2 - BIDDER INSTRUCTIONS

2.1 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 \(2020-05-28\)](#) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

Subsection 5.4 of [2003](#), Standard Instructions - Goods or Services - Competitive Requirements, is amended as follows:

Delete: 60 days
Insert: 90 days

2.2 Submission of Bids

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

PWGSC Pacific Region Bid Receiving Unit

Only bids submitted using epost Connect service will be accepted. The Bidder must send an email requesting to open an epost Connect conversation to the following address:

TPSGC.RPReceptiondessoumissions-PRBidReceiving.PWGSC@tpsgc-pwgsc.gc.ca

Note: Bids will not be accepted if emailed directly to this email address. This email address is to be used to open an epost Connect conversation, as detailed in Standard Instructions [2003](#), or to send bids through an epost Connect message if the bidder is using its own licensing agreement for epost Connect.

It is the Bidder's responsibility to ensure the request for opening an epost Connect conversation is sent to the email address above at least six days before the solicitation closing date.

Bids transmitted by facsimile or hardcopy to PWGSC will not be accepted.

2.3 Enquiries - Bid Solicitation

All enquiries must be submitted in writing 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 question(s) or may request that the Bidder do so, so that the proprietary nature of the question(s) is eliminated and the enquiry can be answered to all Bidders. Enquiries not submitted in a form that can be distributed to all Bidders may not be answered by Canada.

2.4 Applicable Laws

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

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.

2.5 Bid Challenge and Recourse Mechanisms

- (a) Several mechanisms are available to potential suppliers to challenge aspects of the procurement process up to and including contract award.
- (b) Canada encourages suppliers to first bring their concerns to the attention of the Contracting Authority. Canada's [Buy and Sell](#) website, under the heading "[Bid Challenge and Recourse Mechanisms](#)" contains information on potential complaint bodies such as:
 - Office of the Procurement Ombudsman (OPO)
 - Canadian International Trade Tribunal (CITT)
- (c) Suppliers should note that there are **strict deadlines** for filing complaints, and the time periods vary depending on the complaint body in question. Suppliers should therefore act quickly when they want to challenge any aspect of the procurement process.

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

The Bidder must submit its bid electronically in accordance with section 08 of the 2003 standard instructions. The epost Connect system has a limit of 1GB per single message posted and a limit of 20GB per conversation.

The bid must be gathered per section and separated as follows:

Section I: Technical Bid
Section II: Financial Bid
Section III: Certifications

Bids transmitted by facsimile or hardcopy will not be accepted.

Section I: Technical Bid

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

3.1.1 Bidders must submit their financial bid in accordance with the Basis of Payment in Annex "B"

3.1.2 Electronic Payment of Invoices – Bid

If you are willing to accept payment of invoices by Electronic Payment Instruments, complete Annex "D" Electronic Payment Instruments, to identify which ones are accepted.

If Annex "D" 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 Electronic Payment Instruments will not be considered as an evaluation criterion.

3.1.3 Exchange Rate Fluctuation

[C3011T](#) ([2013-11-06](#)), Exchange Rate Fluctuation

3.1.4 SACC Manual Clauses

Section III: Certifications

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

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1 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.
- (c) The evaluation team will determine if there are two (2) or more bids with a valid Canadian content certification with the bids coming from two or more Bidders that are not affiliated within the meaning used in the [Competition Act](#), R.S.C., 1985, c. C-34. In that event, only those bids with a valid certification will be eligible to be awarded a contract; otherwise, all bids will be eligible. If at any point in the evaluation process it is found, whether by determination of invalidity of certifications, determination that bids are non-responsive or withdrawal of bids by Bidders, that there are no longer two (2) or more responsive bids with a valid certification, then all responsive bids will be eligible to be awarded a contract. Canada may conduct the validation of Canadian content certifications at any time in the evaluation process including doing so concurrently with other steps.

4.1.1 Technical Evaluation

4.1.1.1. Mandatory Technical Criteria

Refer to Annex "A" – Requirement – Mandatory Technical Criteria

4.1.2 Financial Evaluation

4.1.2.1 Mandatory Financial Criteria

SACC Manual Clause [A0220T](#) (2014-06-26), Evaluation of Price-Bid

4.2 Basis of Selection

SACC Manual Clause A0031T (2010-08-16), Basis of Selection – Mandatory Technical Criteria

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. Unless specified otherwise, 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.

5.1 Certifications Required with the Bid

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

5.1.1 Integrity Provisions - Declaration of Convicted Offences

In accordance with the Integrity Provisions of the Standard Instructions, all bidders must provide with their bid, **if applicable**, the Integrity declaration form available on the [Forms for the Integrity Regime](http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html) website (<http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html>), to be given further consideration in the procurement process.

5.1.2 Additional Certifications Required with the Bid

5.1.2.1 Canadian Content Certification

This procurement is conditionally limited to Canadian goods.

Subject to the evaluation procedures contained in the bid solicitation, bidders acknowledge that only bids with a certification that the good(s) offered are Canadian goods, as defined in clause [A3050T](#), may be considered.

Failure to provide this certification completed with the bid will result in the good(s) offered being treated as non-Canadian goods.

The Bidder certifies that:

() the good(s) offered are Canadian goods as defined in paragraph 1 of clause [A3050T](#).

5.2 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 specified will render the bid non-responsive.

5.2.1 Integrity Provisions – Required Documentation

In accordance with the section titled Information to be provided when bidding, contracting or entering into a real property agreement of the [Ineligibility and Suspension Policy](http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Bidder must provide the required documentation, as applicable, to be given further consideration in the procurement process.

5.2.2 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" list available at the bottom of the page of the [Employment and Social Development Canada \(ESDC\) - Labour's](https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#) website (<https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#>).

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.

PART 6 - SECURITY, FINANCIAL AND OTHER REQUIREMENTS

6.1 Security Requirements

There is no security requirement applicable to the Contract.

PART 7 - RESULTING CONTRACT CLAUSES

The following clauses and conditions apply to and form part of any contract resulting from the bid solicitation.

7.1 Requirement

The Contractor must provide the items detailed under "Requirement – Mandatory Technical Criteria" at Annex 'A'

7.1.1 Optional Goods

The Contractor grants to Canada the irrevocable option to acquire the goods, services or both described at Annex "A" of the Contract under the same conditions and at the prices and/or rates stated in the Contract. The option may only be exercised by the Contracting Authority and will be evidenced, for administrative purposes only, through a contract amendment.

The Contracting Authority may exercise this option within two (2) years after contract award by sending a written notice to the Contractor.

7.1.2 Requisition on Contract (ROC)

The Requisition on Contract (ROC) process detailed herein allows for purchase of all optional ancillary items and optional spare parts using the mark-up % included in Annex "B".

7.1.2.1 Requisition on Contract Process:

1. The Technical Authority will provide the Contractor with a description of the requirement using the "Requisition on Contract" form (ROC) specified in Annex C.

2. The ROC will contain the details of the activities to be performed, a description of the deliverables, and a schedule indicating completion dates for the major activities or submission dates for the deliverables. The ROC will also include the applicable basis (bases) and methods of payment as specified in the Contract.

3. The Contractor must provide the Technical Authority within seven (7) calendar days of its receipt, the proposed total estimated cost for performing the ROC and a detailed breakdown of that cost, established in accordance with the Basis of Payment specified in the Contract.

4. The Contractor must not commence work until a ROC authorized by the Technical Authority has been received by the Contractor. The Contractor acknowledges that any work performed and goods delivered before an authorized ROC has been received will be done at the Contractor's own risk.

7.1.2.2 Requisition on Contract Limit

The Technical Authority authorize individual ROCs up to a limit of \$_____ (*to be inserted at time of contract award*), Applicable Taxes included, inclusive of any revisions.

Any ROC to be issued in excess of that limit must be authorized by the PSPC Contracting Authority before issuance.

7.1.2.3 Canada's Obligation - Portion of the Work – Requisition on Contract

Canada's obligation with respect to the portion of the Work under the Contract that is performed through Requisitions on Contract is limited to the total amount of actual tasks performed by the Contractor.

7.1.2.4 Periodic Usage Reports - Contracts with ROCs

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

The Contractor will provide usage reports within three (3) calendar days of the written request by the PSPC Contracting Authority.

Reporting Requirement – Details

A detailed and current record of all authorized ROCs must be kept for each contract with a ROC process. The record must contain:

For each authorized ROC:

- i. the authorized ROC or ROC revision number(s);
- ii. a title or brief description of each authorized ROC;
- iii. the total estimated cost specified in the ROC, exclusive of Applicable Taxes;
- iv. the total amount, exclusive of Applicable Taxes, expended to date against each ROC;
- v. the start and completion date for each ROC; and
- vi. the active status of each ROC, as applicable.

For all authorized ROCs:

- 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 ROCs; and
- ii. the total amount, exclusive of Applicable Taxes, expended to date against all authorized ROCs.

7.2 Standard Clauses and Conditions

All clauses and conditions identified in the Contract 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.

7.2.1 General Conditions

[2030 \(2020-05-28\)](#), General Conditions - Higher Complexity - Goods, apply to and form part of the Contract.

Section 22 entitled Warranty of general conditions 2030 is amended by deleting subsections 3 and 4 in its entirety and replacing it with the following:

3. The Work or any part of the Work found to be found to be defective or non-conforming will be returned to the Contractor's plant for replacement, repair or making good. 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 in that location. In such cases, the Contractor will be responsible for all costs (including travel and living expenses) incurred in so doing, Canada will not reimburse these Costs.

4. The Contractor must pay the transportation cost associated with returning the Work or any part of the Work to the Contractor's plant pursuant to subsection 3. The Contractor must also pay the transportation cost associated with forwarding the replacement or returning the Work or part of the Work when rectified to the delivery point specified in the Contract or to another location directed by Canada.

All other provisions of the warranty section remain in effect.

7.3 Security Requirements

7.3.1 There is no security requirement applicable to the Contract.

7.4 Term of Contract

7.4.1 Period of the Contract

The period of the contract is from date of award to March 25, 2024.

7.4.2 Delivery Date

While delivery is requested by December 31, 2021, the best delivery that could be offered is _____ weeks after receipt of order (bidder to complete).

Delivery must be coordinated with the Technical Authority designated under 7.5.2.

It's Mandatory that all deliverables are received on or before March 24, 2022.

7.4.3 Delivery Points

Delivery of the requirement will be made to delivery point(s) specified at Annex "B" of the Contract.

Solicitation No. - N° de l'invitation
F1701-200062/A
Client Ref. No. - N° de réf. du client
F1701-200062

Amd. No. - N° de la modif.
000
File No. - N° du dossier

Buyer ID - Id de l'acheteur
vic223
CCC No./N° CCC - FMS No./N° VME

7.5 Authorities

7.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Kelsey Locke
Title: Supply Specialist
Public Works and Government Services Canada
Acquisitions Branch

Telephone: 250-507-2482
E-mail address: Kelsey.locke@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.

In the event that you are unable to contact the above noted Authority, please contact:

PWGSC.PRVICCARP.TPSGC@pwgsc-tpsgc.gc.ca

7.5.2 Technical Authority

The Technical Authority for the Contract is:

Name: _____
Title: _____
Organization: _____
Address: _____

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.

7.5.3 Contractor's Representative

Name: _____
Title: _____
Organization: _____
Address: _____

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

7.6 Proactive Disclosure of Contracts with Former Public Servants

N/A

7.7 Payment

7.7.1 Basis of Payment

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid firm unit price(s), as specified "in Annex B" for a cost of \$ _____. Customs duties are excluded 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.

7.7.2 Basis of Payment - Limitation of Expenditure – Requisitions on Contract (ROC)

The Contractor will be reimbursed for the costs reasonably and properly incurred in the performance of the Work specified in the ROC, as determined in accordance with the Basis of Payment in Annex B, to the limitation of expenditure specified in the authorized ROC.

Canada's liability to the Contractor under the authorized ROC must not exceed the limitation of expenditure specified in the authorized ROC. Customs duties are included and Applicable Taxes are extra.

No increase in the liability of Canada or in the price of the Work specified in the authorized ROC resulting from any design changes, modifications or interpretations of the Work will be authorized or paid to the Contractor unless these design changes, modifications or interpretations have been authorized, in writing, by the Contracting Authority before their incorporation into the Work.

7.7.3 Limitation of Expenditure – Cumulative Total of all Requisitions on Contracts (ROC)

1. Canada's total liability to the Contractor under the Contract for all authorized ROCs, inclusive of any revisions, must not exceed the sum of \$ _____ (*amount inserted at time of contract award*). Customs duties are included 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 ROCs, 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.

7.7.4 Multiple Payments

SACC Manual clause H1001C (2008-05-12) Multiple Payments

7.7.5 Electronic Payment of Invoices – Contract

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

- a. Visa Acquisition Card;
- b. MasterCard Acquisition Card;
- c. Direct Deposit (Domestic and International);
- d. Electronic Data Interchange (EDI);
- e. Wire Transfer (International Only);
- f. Large Value Transfer System (LVTS) (Over \$25M)

7.8 Invoicing Instructions

1. 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:
 - a. The original and one (1) copy must be forwarded to the address shown on page 1 of the Contract for certification and payment.
 - b. One (1) copy must be forwarded to the Contracting identified under the section entitled "Authorities" of the Contract.

7.9 Certifications and Additional Information

7.9.1 Compliance

Unless specified otherwise, the continuous compliance with the certifications provided by the Contractor in its bid or precedent to contract award, and the ongoing cooperation in providing additional information are conditions of the Contract and failure to comply will constitute the Contractor in default. Certifications are subject to verification by Canada during the entire period of the Contract.

7.10 Applicable Laws

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in _____ (*insert the name of the province or territory as specified by the Bidder in its bid, if applicable*).

7.11 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 general conditions 2030 (2020-05-28) General Conditions – Higher Complexity - Goods
- (C) Annex A, Requirement & Mandatory Technical Criteria;
- (e) Annex B, Basis of Payment;
- (f) Annex C, Requisition on Contract (ROC) form;
- (g) Annex D, Electronic Payment Instruments;
- (h) the signed Requisitions on Contract (ROC) (including all of its annexes, if any);
- (i) the Contractor's bid dated _____, (*insert date of bid*) (*If the bid was clarified or amended, insert at the time of contract award:* ", as clarified on _____ " **or** ", as amended on _____ " *and insert date(s) of clarification(s) or amendment(s)*).

7.12 Insurance

SACC Manual clause [G1005C](#) (2016-01-28) Insurance - No Specific Requirement

7.13 SACC Manual Clauses

[B7500C](#) (2006-06-16), Excess Goods
[B1501C](#) (2018-06-21), Electrical equipment
[A2000C](#) (2006-06-16), Foreign Nationals (Canadian Contractor)
[A2001C](#) (2006-06-16), Foreign Nationals (Foreign Contractor)
[C2000C](#) (2007-11-30), Taxes – Foreign-based Contractor
[A9068C](#) (2010-01-11), Government Site Regulations

7.14 Inspection and Acceptance

The Technical 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.

7.15 Dispute Resolution

- (a) The parties agree to maintain open and honest communication about the Work throughout and after the performance of the contract.
- (b) The parties agree to consult and co-operate with each other in the furtherance of the contract and promptly notify the other party or parties and attempt to resolve problems or differences that may arise.
- (c) If the parties cannot resolve a dispute through consultation and cooperation, the parties agree to consult a neutral third party offering alternative dispute resolution services to attempt to address the dispute.
- (d) Options of alternative dispute resolution services can be found on Canada's Buy and Sell website under the heading "[Dispute Resolution](#)".

Solicitation No. - N° de l'invitation
F1701-200062/A
Client Ref. No. - N° de réf. du client
F1701-200062

Amd. No. - N° de la modif.
000
File No. - N° du dossier

Buyer ID - Id de l'acheteur
vic223
CCC No./N° CCC - FMS No./N° VME

ANNEX "A"

REQUIREMENT & MANDATORY TECHNICAL CRITERIA

(See Attached)

Failure to meet the mandatory requirements will result in your proposal being deemed non-responsive and it will be given no further consideration in the evaluation process.

Bidders MUST PROVIDE documentation to demonstrate compliance with the specifications and cross-reference with the page number of their supplied documentation. Simply stating that they meet the criterion is not sufficient.

If the Bidder does not have a published brochure, a narrative submission MUST BE PROVIDED to demonstrate how the Bidder meets the specification.

Bidders are REQUIRED to provide the MODEL NUMBERS offered.



Fisheries and Oceans
Canada

Pêches et Océans
Canada

Canadian
Coast Guard

Garde côtière
canadienne



CCG HOVERCRAFT TECHNICAL STATEMENT OF REQUIREMENTS MULTI-MODE TACTICAL RADIO SYSTEM

Document No: X1001-10-GD-01-004

Revision: 1.1

Multi-Mode Tactical Radio	UNCLASSIFIED	Date: 20 October 2020
TSOR		
Doc # X1001-10-GD-01-004		Page 1

TERMINOLOGY

Definitions	Description
1 st Line Maintenance	Refers to removal/installation, inspection, coding/keying, software loading, operational checkout and troubleshooting. Also known as Organizational Level
2 nd Line Maintenance	Refers to a level of maintenance where major sub assemblies (cards / modules) are removed and replaced. Also known as Intermediate Level.
3 rd Line Maintenance	Refers to manufacturer component level repair. Also known as Depot Level.
Line Replaceable Unit	Refers to a complete assembly, such as a fully assembled radio or control. Also known as a Weapons Replaceable Assembly.
Multi-Mode	Refers to a radio capable of both digital and analog modes of operation/modulation.

ABBREVIATIONS

Abbreviation	Description
LRU	Line Replaceable Unit
COTS	Commercial Off the Shelf
MOTS	Modified or Military Off the Shelf
CDU	Control and Display Unit
HPA	High Power Amplifier
CCG	Canadian Coast Guard
TAT	Turn Around Time
LCD/LED	Liquid Crystal Display or Light Emitting Diode
MTBF	Mean Time Between Failure
MTBR	Mean Time Between Repair
ATR	Airline Transport Rack
OTAR	Over the Air Rekey
ITAR	International Traffic in Arms Regulation
DTMF	Dual Tone Multi Frequency
IBIT	Initiated Built in Test
OEM	Original Equipment Manufacturer
SAR	Search and Rescue
CCGH	Canadian Coast Guard Hovercraft
P25	Project 25
AOG	Aircraft on Ground

REFERENCES

Abbreviation	Description
ITU-R M.493-11	ITU Digital Selective-calling system for use in the maritime mobile service
MIL-F-25173A	Military Specification – Fastener, Control Panel, Aircraft Equipment

Multi-Mode Tactical Radio	UNCLASSIFIED	Date: 20 October 2020
TSOR		
Doc # X1001-10-GD-01-004		Page 2

Table of Contents

1. Introduction **Error! Bookmark not defined.**

1.1. Background 3

1.2. Scope 3

1.3. Design Features..... 3

1.4. Maintenance Concept..... 4

2. Requirements..... 4

2.1. General Requirements 4

2.2. Power and Environmental Requirements..... 5

2.3. Performance and Functional Requirements..... 5

2.4. Physical Requirements 7

2.5. Interface Requirements 7

Multi-Mode Tactical Radio	UNCLASSIFIED	Date: 20 October 2020
TSOR		
Doc # X1001-10-GD-01-004		Page 3

1.1. Background

The Canadian Coast Guard (CCG) hovercraft in the Western Region, are known as the CCGH Siyay and the CCGH Moytel, which operate on the Fraser River delta, its tributaries, and the Strait of Georgia. These platforms operate a suite of federated radio systems, some of which are past the point of obsolescence management thus the entire external communications system will require modernization.

The system determined by this procurement will consolidate the existing communications suite, shown in Table 1, into one or two radios and associated control display units (CDU). The proposed system must maintain existing communications capabilities and operator control stations.

The two hovercraft are recently fitted with an avionics grade digital intercom system. The system determined by this procurement will be integrated with the existing digital intercom. Largely the platforms have been designed as an aircraft, and the existing structure, mounting, wiring and constituent equipment would better reflect an aircraft than a marine vessel. There are, however, no airworthiness requirements related to this procurement.

Currently both Western Region platforms operate the following radio types and control compliment per shipset:

Radio Type	Function	Qty	Manufacturer	Control Type	Qty
NTX 138-100	VHF FM	2	Northern Airborne Technology	MASTER TH450	1
VHF 22A	VHF AM	1	Collins Aerospace	SLAVE TH460	2
XTL5000	VHF & P25	1	Motorola	05 HEAD	1

Table 1: Current Radio Compliment

1.2. Scope

The Canadian Coast Guard Electronics Engineering department will be responsible for the installation and integration of this equipment, the supplier will only be required to support that integration on an as needed basis. That as needed basis would consist of remote support, email or phone conversations to answer questions and provide clarification related to the supplied equipment.

1.3. Design Features

This procurement requires an integrated modular architecture for the Multi-Mode Radio. This design architecture allows for the greatest flexibility in the application of the hardware. The system must be of a modular nature as to be configured to meet requirements detailed herein. Also, a modular system is required so future requirements and capabilities may be added to the system without extensive changes to an existing integrated system.

The proposed system may consist of one, or two radios per system, that can be determined by an individual radios capability to meet all the requirements. The modular configuration will be proposed by the bidder, based on the requirements of Section 2.

Multi-Mode Tactical Radio	UNCLASSIFIED	Date: 20 October 2020
TSOR		
Doc # X1001-10-GD-01-004		Page 4

In addition to the integrated control on a panel mount style radio, the system will be required to support one or more separate remote-control heads, per radio, for use at remote operator stations.

1.4. Maintenance Concept

The Maintenance concept for this system will be 1st Line to 3rd Line. That means that the Coast Guard Technologists will be responsible for 1st Line Maintenance only, installing and removing the unit and sending it back to the OEM for repair. The OEM or authorized repair centre will be responsible for 2nd and 3rd line maintenance. No 2nd line / Intermediate Level maintenance will be performed by the Coast Guard unless specifically authorized by the OEM on a case by case basis.

2. Mandatory Requirements

2.1. General Requirements

- 2.1.1** The equipment Radio and CDU must be currently fielded units.
- 2.1.2** All equipment must be a COTS or MOTS item.
- 2.1.3** All equipment must not be a Controlled Cryptographic Item per the National COMSEC Material Control System.
- 2.1.4** All equipment must be available in, or exportable to Canada without an ITAR License.
- 2.1.5** All required equipment must be listed, including a breakdown of modular radio components.
- 2.1.6** All optional ancillary items such as, Antennas, Tuning Units, Switching Units, Control & Display Units, Shock mounts, High Power Amps, and similar items that are recommended and authorized by the OEM must be identified and listed as separate optional costed items.
- 2.1.7** The supplier must provide a technical data package which supports: *Integration, Configuration, User Training, 1st Line Maintenance, Life Cycle Management, Maintenance Planning, and Reliability Forecasting.*

The technical data package must include at a minimum, but not limited to **(to be provided prior to contract award)**:

Installation Manuals and Interface Control Documents

Configuration management documents

Users or Operators Manuals

Users or Operators quick reference guides

1st Line Maintenance Manuals

Multi-Mode Tactical Radio	UNCLASSIFIED	Date: 20 October 2020
TSOR		
Doc # X1001-10-GD-01-004		Page 5

Mean Time Between Failure figure (calculated)

Mean Time Between Repair figure (actual)

Product supportability duration details and services

Product reparability life cycle details and related services

Minimum one (1) year standard warranty coverage

Software tools for programming, settings, configuration and necessary specialized equipment such as cables, connectors, adapters.

- 2.1.8** The supplier must provide a turn around time (TAT) for repair of all LRUs supplied on this procurement. Those TAT must be at least two of the following:

Average Turn Around Time for Repair

AOG Turn Around Time for Repair

Guaranteed Turn Around Time for Repair

- 2.1.9** Transmitting equipment must have met the Industry Canada / FCC regulatory requirements to be licensed for use in Canada and the United States, for the modes of operation and/or spectrum that they will operate in.

2.2. Power and Environmental Requirements

- 2.2.1** All equipment must be capable of operating according to the following power input specifications.

Nominal input voltage: +28 VDC \pm .5

Voltage Range: 22 to 33 VDC

- 2.2.2** Equipment radio(s) must draw no more than 10 Amps max, each, in all modes of operation and power settings.

- 2.2.3** All equipment must protect itself against reverse polarity damage.

- 2.2.4** All equipment must have an operating temperature range of -30° C to +55° C

- 2.2.5** All equipment supplied which is intended for outdoor use, such as antennas, should be suitable for marine use.

2.3. Performance and Functional Requirements

- 2.3.1** V /UHF AM/FM analog capability must meet, but is not limited to, the following requirements:

Frequency Coverage

Extended ATC AM 118 – 156 MHz with 25kHz & 8.33 kHz spacing

Multi-Mode Tactical Radio	UNCLASSIFIED	Date: 20 October 2020
TSOR		
Doc # X1001-10-GD-01-004		Page 6

Land Mobile FM 136 – 156 and 162 – 174 (VHF Hi) with 12.5kHz spacing

Marine Band FM 156.05 – 161.975 MHz (VHF Hi) in 25 kHz spacing

Land Mobile UHF 380 - 520 MHz

Public Safety Band 764 – 870 MHz Wide and Narrowband

2.3.2 P25 capability must meet the following requirements:

Frequency Coverage

136 - 174 MHz VHF

380 - 520 MHz UHF

764 - 870 MHz UHF

P25 functions

Phase 1 CAI (FDMA) SmartZone & SmartNet Trunking

AES 256 encryption

Over the air rekey (OTAR) with multikey encryption

VoteScan multi-cast voting scan

Phase 2 (TDMA) Trunking

2.3.4 Equipment CDU(s) (integrated on the radio or standalone) LED / LCD display segments must be direct sunlight readable. Luminance must be no less than 1000 nit (Cd / m2)

2.3.5 Equipment CDU must provide a wide viewing angle. No less than 170 degree horizontally and 170 degree vertically, referenced from the centre of the display.

2.3.6 The system must employ a Built in Test function (BIT)

2.2.7 The BIT feature must display test status readout to the user. Post test results may be a coded alphanumerical value, or plain language.

2.3.8 Equipment radio(s) should transmit DTMF tones.

2.3.9 Equipment radio(s) must use and be provided with a software radio management tool for code-plugin management and programming the radio. Specifically including but not limited to the P25 module.

2.3.10 Equipment radio(s) must be capable of operation from one or more remote control heads in addition to the integrated panel mount radios CDU(s)

2.3.11 Equipment must have a user adjustable squelch.

Multi-Mode Tactical Radio	UNCLASSIFIED	Date: 20 October 2020
TSOR		
Doc # X1001-10-GD-01-004		Page 7

2.3.12 Equipment must be frequency agile in that the user must be able to select a frequency on an ad hoc basis.

2.3.13 The system must provide an operator selectable power level on the equipment CDU. High and Low power levels as determined by the equipment manufacturer.

2.3.14 The system architecture must provide independent VHF-FM radios for VHF High band (136 – 174 MHz) coverage. This may be satisfied by two separate VHF-FM modules in one or more radios.

2.3.15 The system must demonstrate ability to receive and monitor on one of the VHF-FM modules and transmit on the other simultaneously.

2.3.16 The system radio itself or through an external HPA or other OEM authorized amplifier must meet the transmitter power output characteristics:

Marine Band FM 156.05 – 161.975 MHz at 20 W minimum, 25W maximum.

All UHF Bands at 5 W minimum

2.4. Physical Requirements

2.4.1 Equipment Radio(s) must be Panel Mount which has the primary radio control integrated onto the physical radio.

2.4.2 Equipment Radio(s) and CDU(s) must conform to industry standard mounting requirements for aircraft pedestal DZUS rail mounting, per MIL-F-25173A or latest equivalent.

2.4.3 All equipment must be self-cooling or convection cooled, and not require platform derived external forced/plenum air.

2.4.4 If the equipment CDU(s) or integrated control head employ touch screen capabilities, it must be useable with gloves.

2.4.5 Equipment radio must not exceed nine (9) inches in depth.

2.5. Interface Requirements

2.5.1 Equipment must provide the following input/outputs to integrate with the digital intercom, at a minimum:

Microphone HI

Microphone LO

Push to Talk (PTT)

Ground

Audio HI

Multi-Mode Tactical Radio	UNCLASSIFIED	Date: 20 October 2020
TSOR		
Doc # X1001-10-GD-01-004		Page 8

Audio LO

2.6 Canada's Option to Purchase

2.6.1 CCG to be able to exercise two (2), one year options to purchase additional warranty coverage. The option may only be exercised by the Contracting Authority and will be evidenced, for administrative purposes only, through a contract amendment.

2.6.2 All optional ancillary items such as, Antennas, Tuning Units, Switching Units, Control & Display Units, Shock mounts, High Power Amps, and similar items that are recommended and authorized by the OEM.

ANNEX "B"

BASIS OF PAYMENT

Bidders must submit their financial bid using the financial evaluation table provided in this Annex.

Pricing offered must be in **Canadian dollars**, Applicable Taxes excluded, Delivered Duty Paid (DDP) to 25 Huron St. Victoria BC, V8V 4V9. Canadian customs duties and excise taxes included.

Firm unit price shall be inclusive of all direct and indirect expenses incurred in performing the requirement including but not limited to all labour, fringe benefits, overhead, supervision, tools, equipment, materials, parts, manuals, travel time, travel and living expenses, transportation costs, reports, general and administrative costs, profit required to do the work, all related duties and other costs paid by the Supplier such as additional surcharges, and transportation fees. No other charges will be accepted.

Financial Evaluation Table (Bidders must complete and submit this table with their bid). Bidders must provide pricing for each line item below.

Firm Requirement					
Item	Description	Quantity	Unit of Issue	Unit Price	Extended Total
1	For the supply and delivery of: two Multi Mode Radio System(s) as per Annex "A" Requirement and Mandatory Technical Criteria Model # _____ Manufacturer: _____	2	EACH	\$	\$
TOTAL PRICE FIRM REQUIREMENT					\$
Canada's Option to Purchase					
1.	For the supply and delivery of additional Multi Mode Radio System(s) as per Annex "A" Requirement and Mandatory Technical Criteria	2 (up to qty)	EACH	\$	\$
3.	Additional warranty coverage as per Annex "A" Requirement and Mandatory Technical Criteria	2 (up to qty)	ANNUAL	\$	\$
					Mark-up (%)
4.	All optional ancillary items such as, Antennas, Tuning Units, Switching Units, Control & Display Units, Shock mounts, High Power Amps, and similar items that are recommended and authorized by the OEM, at laid down cost (which includes invoice cost, transportation costs, exchange, custom and brokerage charges) plus a firm mark-up				_____% *\$25,000 (estimated cost for evaluation purposes only)
5.	Spare Parts, such as major sub-system LRUs (such as the radio), CDUs, HPAs etc. at laid down cost (which includes invoice cost, transportation costs, exchange, custom and brokerage charges) plus a firm-mark up.				_____% *\$25,000 (estimated cost for

Solicitation No. - N° de l'invitation
F1701-200062/A
Client Ref. No. - N° de réf. du client
F1701-200062

Amd. No. - N° de la modif.
000
File No. - N° du dossier

Buyer ID - Id de l'acheteur
vic223
CCC No./N° CCC - FMS No./N° VME

		evaluation purposes only)
TOTAL OPTIONAL REQUIREMENT		\$
TOTAL EVALUATED PRICE = TOTAL PRICE FIRM REQUIREMENT + TOTAL OPTIONAL REQUIREMENT		
Delivery Address: 25 Huron St. Victoria BC V8V 4V9		

Solicitation No. - N° de l'invitation
F1701-200062/A
Client Ref. No. - N° de réf. du client
F1701-200062

Amd. No. - N° de la modif.
000
File No. - N° du dossier

Buyer ID - Id de l'acheteur
vic223
CCC No./N° CCC - FMS No./N° VME

ANNEX “C”

REQUISITION ON CONTRACT (ROC) TEMPLATE

(See Attached)

Solicitation No. - N° de l'invitation
F1701-200062/A
Client Ref. No. - N° de réf. du client
F1701-200062

Amd. No. - N° de la modif.
000
File No. - N° du dossier

Buyer ID - Id de l'acheteur
vic223
CCC No./N° CCC - FMS No./N° VME

ANNEX "D" to PART 3 OF THE BID SOLICITATION

ELECTRONIC PAYMENT INSTRUMENTS

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

- ☐ VISA Acquisition Card;
- ☐ MasterCard Acquisition Card;
- ☐ Direct Deposit (Domestic and International);
- ☐ Electronic Data Interchange (EDI);
- ☐ Wire Transfer (International Only);
- ☐ Large Value Transfer System (LVTS) (Over \$25M)