



**RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:**

**Bid Receiving - PWGSC / Réception des
soumissions - TPSGC**

11 Laurier St. / 11, rue Laurier

Place du Portage , Phase III

Core 0B2 / Noyau 0B2

Gatineau

Québec

K1A 0S5

Bid Fax: (819) 997-9776

**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

Electronics, Simulators and Defence Systems Div. /Division
des systèmes électroniques et des systèmes de simulation et
de défense

11 Laurier St. / 11, rue Laurier

8C2, Place du Portage

Gatineau

Québec

K1A 0S5

Title - Sujet iElectronics Equipment	
Solicitation No. - N° de l'invitation F2603-230001/A	Date 2022-12-16
Client Reference No. - N° de référence du client 20220123 20220152	
GETS Reference No. - N° de référence de SEAG PW-\$\$QF-002-28893	
File No. - N° de dossier 002qf.F2603-230001	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Eastern Standard Time EST on - le 2023-01-31 Heure Normale du l'Est HNE	
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Boumechera, Samira	Buyer Id - Id de l'acheteur 002qf
Telephone No. - N° de téléphone (873) 355-3764 ()	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

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PART 1 - GENERAL INFORMATION

1.1 Security Requirements

There are no security requirements associated with this bid solicitation.

1.2 Requirement

The requirement is detailed under Annex "A" TSOR and its Appendix "1" attached herein.

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.

1.4 Canada Post Corporation's (CPC) Connect service

This bid solicitation allows bidders to use the CPC 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.

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](#) 2022-03-29 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

2.1.1 SACC Manual Clauses

2.1.1.1 No Substitute Products B4024T 2020-07-01

Bidders must provide products that are of the same description, brand name, model and/or part number as detailed in the item description of the bid solicitation. Bidders are advised that substitute products will not be considered.

2.2 Submission of Bids

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

Note: For bidders choosing to submit using Canada Post Corporation's (CPC) Connect service for bids closing at the Bid Receiving Unit in the National Capital Region (NCR) the email address is:

tpsgc.pareceptiondessousmissions-apbidreceiving.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 a CPC Connect conversation, as detailed in Standard Instructions [2003](#), or to send bids through a CPC Connect message if the bidder is using its own licensing agreement for CPC Connect service.

Because of the nature of the bid solicitation, bids submitted by fax 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 7 (seven) 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 Ontario, Canada.

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, Canada requests that the Bidder submits its bid in accordance with section 08 of the 2003 standard instructions. The CPC Connect system has a limit of 1GB per single message posted and a limit of 20GB per conversation.

Canada requests that the Bidder submits its bid in separately bound sections as follows:

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

Due to the nature of the bid solicitation, bids submitted by fax will not be accepted.

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

Section I: Technical Bid

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

Section II: Financial Bid

Bidders must submit their financial bid in accordance with the Basis of Payment in Annex "B". The total amount of Applicable Taxes must be shown separately.

3.1.1 Electronic Payment of Invoices – Bid

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

If Annex "C" 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.

3.1.2 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 the financial evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the bids.

4.1.1 Technical Evaluation

4.1.1.1 Mandatory Technical Criteria

A bid must comply with the requirements of the bid solicitation and meet all mandatory technical evaluation criteria at Annex "A" TSOR and its Appendix "1" to be declared responsive.

4.1.2 Financial Evaluation

The price of the bid will be evaluated in Canadian dollars, Applicable Taxes excluded, Delivery Duty Paid (DDP) destination, Canadian customs duties and excise taxes included.

See Annex "B" Basis of Payment, attached hereto.

4.2 Basis of Selection

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

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 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 Furuno OEM Certification - Authorized Distributor

Bidders must complete OEM Certification under Appendix "1" to Annex "A" TSOR, OEM Certification Form, and include it with their bid. The Evaluation Team will review the form to confirm compliance.

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 provided 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](#) website.

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

PART 6 - RESULTING CONTRACT CLAUSES

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

6.1 Security Requirements

There is no security requirement applicable to the Contract.

6.2 Requirement

The Contractor must provide the items detailed under Annex "A" TSOR and its Appendix "1", attached hereto, in accordance with the terms and conditions of this Contract.

6.3 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.

6.3.1 General Conditions

2010A 2022-01-28, General Conditions: Goods (Medium Complexity), apply to and form part of the Contract.

1031-2 2012-07-16, Contract Cost Principles, apply to and form part of the Contract.

Warranty - Modification - General Conditions 2010A K0031C 2016-01-28

Section 09, entitled Warranty of General Conditions 2010A, is amended by deleting subsection 2 in its entirety and replacing it with the following:

The Contractor must pay the transportation cost associated with returning the Work or any part of the Work to the Contractor's plant for replacement, repair or making good. 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 as directed by Canada. If, in the opinion of Canada, it is not expedient to remove the Work from its location, the Contractor must carry out any necessary repair or making good of the Work at that location. In such cases, the Contractor will be responsible for all Costs (including travel and living expenses) incurred in so doing, and Canada will not reimburse these Costs.

All other provisions of the warranty section remain in effect.

6.4 Term of Contract

6.4.1 Delivery Date

All the deliverables must be received on or before 30 June 2023.

6.4.2 Delivery Points

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

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Samira Boumechera

Title: Contracting Officer

Organization: Public Works and Government Services Canada

Acquisitions Branch - Directorate: Electronics, Munitions and Tactical Systems Procurement Directorate

Address: 11 Laurier Street, PDP, Phase III, 7A2, Gatineau, PQ, K1A 0S5

Telephone: (873) 355-3764

E-mail address: samira.boumechera@tpsgc-pwgsc.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.

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6.5.2 Technical Authority

The Technical Authority for the Contract is:

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

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

The Technical Authority named above 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.

6.5.3 Procurement Authority

The Procurement Authority for the Contract is:

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

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

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

6.5.4 Contractor's Representative

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

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

6.6 Payment

6.6.1 Basis of Payment

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm price, as specified in Annex "B" Basis of Payment, Table 1 and Table 2, of \$ _____ CAD (*insert amount at contract award*) and Applicable Taxes are extra, for a total of \$ _____ CAD (*insert amount at contract award*) and all Applicable Taxes are included.

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.

6.6.2 Single Payment H1000C 2008-05-12

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

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

6.6.3 Multiple Payments H1001C 2008-05-12

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;
- c. the Work delivered has been accepted by Canada.

6.6.4 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)

6.7 Invoicing Instructions

The Contractor must submit invoices in accordance with the information required in Section 10 of 2010A, General Conditions: Goods (Medium Complexity).

1. Each invoice must be supported by:
 - a. a copy of the invoices, receipts, vouchers for all direct expenses.
2. Invoices must be distributed as follows:
 - a. a copy must be emailed to each of the authorities at article 6.5 for certification and payment.

6.8 Certifications and Additional Information

6.8.1 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.

6.9 Applicable Laws

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

6.10 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 [2010A](#) 2022-01-28, General Conditions: Goods (Medium Complexity) with the Warranty - Modification - General Conditions 2010A K0031C 2016-01-28;
- (c) the Contract Cost Principles, [1031-2](#) 2012-07-16;
- (d) Annex "A", TSOR and its Appendix "1";
- (e) Annex "B", Basis of Payment;
- (f) Annex "C", Electronic Payment Instrument; and
- (g) the Contractor's bid dated _____.

6.11 SACC Manual Clauses

SACC Manual clause [B7500C](#) 2006-06-16 Excess Goods.

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

6.12 Shipping Instructions

6.12.1 Shipping Instructions - Free on Board Destination and Delivered Duty Paid D4002C 2013-04-25

Goods must be consigned and delivered to the destination specified in the contract:
Incoterms 2000 "DDP Delivered Duty Paid" at destinations listed in Annex "A" TSOR.

6.13 Inspection and Acceptance

6.13.1 Inspection and Acceptance D5328C 2014-06-26

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 Annex "A" TSOR 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.

6.14 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](#)".

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ANNEX "A" - TECHNICAL STATEMENT OF REQUIREMENT (TSOR)

(Attached hereto)

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APPENDIX "1" TO ANNEX "A" - OEM CERTIFICATION FORM

OEM Certification Form

This confirms that the Original Equipment Manufacturer (OEM) identified below has authorized the Bidder named below to provide and maintain its products under the Contract resulting from this Bid Solicitation.

Name of OEM _Furuno	FURUNO _____
Signature of authorized signatory of OEM	_____
Print Name of authorized signatory of OEM	_____
Print Title of authorized signatory of OEM	_____
Address for authorized signatory of OEM	_____
Telephone no. for authorized signatory of OEM	_____
Email for authorized signatory of OEM	_____
Date signed	_____

ANNEX "B" - BASIS OF PAYMENT

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm price, as specified in Table 1, below, for a cost of \$ _____ CAD (insert amount at contract award), and Applicable Taxes are extra, and in Table 2, below, for a cost of \$ _____ CAD (insert amount at contract award), 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.

Table 1

Note: Provide the firm price in the below table. The price must be in CAD including shipping and Applicable Taxes.

No.	Item Description	Qty	Firm Unit Price	Total Firm Price
1	BR510 Furuno Control Panel (as per Annex "A" TSOR)	4	CAD\$ _____	CAD\$ _____
2	BR520 Furuno Processor Unit (as per Annex "A" TSOR)	4	CAD\$ _____	CAD\$ _____
3	001-162-980-10 Furuno NMEA2000 Cable (as per Annex "A" TSOR)	4	CAD\$ _____	CAD\$ _____
4	BR530 Furuno Timer Reset Panel (as per Annex "A" TSOR)	16	CAD\$ _____	CAD\$ _____
5	BR540 Furuno Cabin Alarm Panel (as per Annex "A" TSOR)	20	CAD\$ _____	CAD\$ _____
6	BR560 Furuno Motion Detector (as per Annex "A" TSOR)	16	CAD\$ _____	CAD\$ _____
7	BR570 Furuno Flash Beacon (as per Annex "A" TSOR)	4	CAD\$ _____	CAD\$ _____
Shipping				CAD\$ _____
Sub-Total				CAD\$ _____
Tax(es) % As Applicable				CAD\$ _____
Total				CAD\$ _____

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The items and quantities in Table 1, above, must be delivered Incoterms 2000 Delivered Duty Paid (DDP) to:

Central Region - Greats-Lake Sector
Canadian Coast Guard
ATT: Jeff English
8-1355 Confederation St. Sarnia, ON.
N7S 4T2
Tel: 519-331-4132

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CCC No./N° CCC - FMS No./N° VME

Table 2

Note: Provide the firm price in the below table. The price must be in CAD including shipping and Applicable Taxes.

No.	Item Description	Qty	Firm Unit Price	Total Firm Price
1	BR510 Furuno Control Panel (as per Annex "A" TSOR)	5	CAD\$_____	CAD\$_____
2	BR520 Furuno Processor Unit (as per Annex "A" TSOR)	5	CAD\$_____	CAD\$_____
3	001-162-980-10 Furuno NMEA2000 Cable (as per Annex "A" TSOR)	5	CAD\$_____	CAD\$_____
4	BR530 Furuno Timer Reset Panel (as per Annex "A" TSOR)	20	CAD\$_____	CAD\$_____
5	BR540 Furuno Cabin Alarm Panel (as per Annex "A" TSOR)	25	CAD\$_____	CAD\$_____
6	BR560 Furuno Motion Detector (as per Annex "A" TSOR)	20	CAD\$_____	CAD\$_____
7	BR570 Furuno Flash Beacon (as per Annex "A" TSOR)	5	CAD\$_____	CAD\$_____
Shipping				CAD\$_____
Sub-Total				CAD\$_____
Tax(es) % As Applicable				CAD\$_____
Total				CAD\$_____

The items and quantities in Table 2, above, must be delivered Incoterms 2000 Delivered Duty Paid (DDP) to:

Central Region - St. Laurence Sector
Garde cotiere canadienne – MPO
ATT : Sebastien Vincent
101 boulevard Champlain Quebec, QC.
G1K 7Y7
Tel: 418-953-8962

Solicitation No. - N° de l'invitation
F2603-230001
Client Ref. No. - N° de réf. du client
F2603-230001

Amd. No. - N° de la modif.
File No. - N° du dossier
002QF - F2603-230001

Buyer ID - Id de l'acheteur
002QF
CCC No./N° CCC - FMS No./N° VME

ANNEX “C” 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)



Fisheries and Oceans
Canada

Pêches et Océans
Canada

Canadian
Coast Guard

Garde côtière
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Integrated Technical Services



Safety First, Service Always



ANNEX "A"

Bridge Navigational Watch Alarm System (BNWAS)

Technical Statement of Requirement (TSOR)

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1. Purpose

The intent of this document is to detail the requirements associated with the procurement of BNWAS and all associated deliverables.

This technical statement of operational requirements details the technical and non-technical requirements for a commercial-off-the-shelf (COTS) Bridge Navigational Watch Alarm System for the Canadian Coast Guard (CCG) vessels Griffon, Risley, Pierre Radisson, Des Groseilliers, Martha L. Black, Amundsen, and Judy LaMarsh.

2. Background

The Canadian Coast Guard (CCG), a Special Operating Agency of the Department of Fisheries and Oceans, owns and operates the federal government's civilian vessel fleet. The Oceans Act gives the Minister of Fisheries and Oceans responsibility for providing :

1. Aids to Navigation
2. Marine communication and traffic management services
3. Icebreaking and ice-management services
4. Channel maintenance
5. Marine search and rescue
6. Marine pollution response

On June 21, 2013, amendments to SOLAS Chapter V Regulation 19, a new requirement for BNWAS was adopted. as part of MSC.350(92).

The purpose of BNWAS is to monitor bridge activity and detect operator disability which could lead to marine accidents. The system monitors the awareness of the Officer of the Watch (OOW) and automatically alerts the Master or another qualified OOW if for any reason the OOW becomes incapable of performing the OOW duties. This purpose is achieved by a series of indications and alarms to alert first the OOW and, if he is not responding, then to alert the Master or another qualified OOW. Additionally, the BNWAS may provide the OOW with a means of calling for immediate assistance if required. The BNWAS should be operational whenever the ships heading or track control system is engaged, unless inhibited by the Master.

THE MARITIME SAFETY COMMITTEE, RECALLING Article (28(b) of the Convention on the International Maritime Organization concerning the functions of the Committee,

RECALLING ALSO resolution A.886(21), by which the Assembly resolved that the function of adopting performance standards and technical specifications, as well as amendments thereto shall be performed by the Maritime Safety Committee and/or the Marine Environment Protection Committee, as appropriate, on behalf of the Organization,

RECOGNIZING that, many operational bridge-related marine accidents could be averted if an effective and operational bridge navigational watch alarm system (BNWAS) was fitted to vessels,

RECOGNIZING FURTHER that, by the use of a Bridge Navigational Watch Alarm System (BNWAS) warnings will be given in case of the incapacity of the watch keeping officer due to accident, sickness or in the event of a security breach, e.g. piracy and/or hijacking,

NOTING that the installation of such equipment is a relatively low-cost and an effective means of avoiding operational navigational accidents, RECOGNIZING the need to prepare appropriate performance standards for BNWAS.

3. Scope

3.1 Deliverables

To procure nine (9) Bridge Navigational Watch Alarm Systems for the following seven (7) CCG vessels as well as two (2) complete spare systems as listed below:-

1. CCGS Griffon
2. CCGS Samuel Risley
3. CCGS Pierre Radisson
4. CCGS Des Groseilliers
5. CCGS Martha L. Black
6. CCGS Amundsen
7. CCGS Judy LaMarsh
8. Spare system 1
9. Spare system 2

Equipment List for nine (9) Full Systems:

No.	Item Description	Quantity
1.	BR510 Furuno Control Panel	9
2.	BR520 Furuno Processor Unit	9
3.	001-162-980-10 Furuno NMEA2000 Cable	9
4.	BR530 Furuno Timer Reset Panel	36
5.	BR540 Furuno Cabin Alarm Panel	45
6.	BR560 Furuno Motion Detector	36
7.	BR570 Furuno Flash Beacon	9

The Furuno BNWAS system was chosen due to its compact size, as installation space is very limited on the Coast Guard vessels. Furuno BNWAS also has the ability to be flush-mounted or bulkhead-mounted, making installation options easier.

Also, many of the other Coast Guard vessels around the country already have the Furuno system installed. It will be easier to have spare parts on hand, and all technicians will be familiar with the system, no further training is required. This will be cost-efficient for CCG and the Crown.

CCG will be responsible for the installation of the BNWAS.

3.2 Technical Requirements

3.2.1 Delivery of the following items

Equipment List for nine (9) Full Systems

No.	Item Description	Quantity
1.	BR510 Furuno Control Panel	9
2.	BR520 Furuno Processor Unit	9
3.	001-162-980-10 Furuno NMEA2000 Cable	9
4.	BR530 Furuno Timer Reset Panel	36
5.	BR540 Furuno Cabin Alarm Panel	45
6.	BR560 Furuno Motion Detector	36
7.	BR570 Furuno Flash Beacon	9

3.2.2 Authorized Distributor

The Contractor must be an authorized distributor of the manufacturer of Furuno and must fill in Appendix "1" to Annex "A" - OEM Certification Form attesting to this.

3.3 Delivery Requirements

3.3.1 Delivery Addresses

The Contractor must deliver the specified quantities of the BNWAS and all associated deliverable, DDP Incoterms (at the Contractor's expense) to the following Consignees:

4 Systems Delivery to Canadian Coast Guard

Central Region - Greats-Lake Sector
Canadian Coast Guard ATTN: Jeff English 8-1355 Confederation St. Sarnia, ON N7S 4T2 Tel: 519-331-4132

5 Systems Delivery to Canadian Coast Guard

<u>Central Region - St. Laurence Sector</u>
Garde cotiere canadienne – MPO ATTN: Sebastien Vincent 101 boulevard Champlain Quebec, QC G1K 7Y7 Tel : 418-953-8962

3.3.2 Protection, Packaging, Packing, Marking

The Contractor must package all devices with the appropriate consignee address and part identification noted on the packing slip on the outside of the packaging. The Packing slip must provide but not be limited to: equipment model and serial numbers. The devices must be labelled and documented in a way that it is very clear to an installer. The shipped items must be packaged properly to ensure no damage occurs.

Protection, packaging, and marking must be in a manner as to ensure safe delivery at the final destination.

3.4 Integrated Logistic Support (ILS)

3.4.1 Documentation

The Contractor must provide generic documentation, technical manuals containing physical and mechanical specifications, and basic drawings for installation, maintenance and operation of the BNWAS system and associated devices. These will constitute a “Documentation Package”, and must be provided in either hard (paper) or soft copy.

A complete documentation package must be supplied with each BNWAS system.

4. Spares, Special Tools, Test Equipment

Technical information must be provided for all specific test equipment, cables, software and other recommended material required for adjustment, performance measurement, installation and troubleshooting of the system.

- a. The Contractor must guarantee spare parts availability for a minimum of five (5) years from the date of delivery and acceptance.
- b. In case of discontinuance of any part of the delivered equipment and that spare parts and support related to the delivered equipment must be available for a minimum of five (5) years from the declaration of such discontinuance to CCG.

5. Acceptance Process And Criteria

1. Acceptance ensures that each BNWAS and associated deliverables have been produced and verified in accordance with all the requirements of the Contract.

6. List of Acronyms and Abbreviations

BNWAS	Bridge Navigational Watch Alarm System
CCG	Canadian Coast Guard
COTS	Commercial-Off-The-Shelf
TSOR	Technical Statement of Requirement
DDP	Delivered Duty Paid
OOW	Officer of the Watch