

**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 a Standing Offer Demande d'offre à commandes

## National Individual Standing Offer (NISO)

Offre à commandes individuelle nationale (OCIN)

Canada, as represented by the Minister of Public Works and Government Services Canada, hereby requests a Standing Offer on behalf of the Identified Users herein.

Le Canada, représenté par le ministre des Travaux Publics et Services Gouvernementaux Canada, autorise par la présente, une offre à commandes au nom des utilisateurs identifiés énumérés ci-après.

## 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

<b>Title - Sujet</b> Rotating Beacon	
<b>Solicitation No. - N° de l'invitation</b> F7047-190008/A	<b>Date</b> 2019-09-11
<b>Client Reference No. - N° de référence du client</b> F7047-190008	<b>GETS Ref. No. - N° de réf. de SEAG</b> PW-\$\$QF-099-27451
<b>File No. - N° de dossier</b> 099qf.F7047-190008	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2019-10-02</b>	
<b>Time Zone</b> <b>Fuseau horaire</b> Eastern Daylight Saving Time EDT	
<b>Delivery Required - Livraison exigée</b> See Herein	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Johnson, Alexis	<b>Buyer Id - Id de l'acheteur</b> 099qf
<b>Telephone No. - N° de téléphone</b> (819)420-6312 ( )	<b>FAX No. - N° de FAX</b> ( ) -
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> See Herein	
<b>Security - Sécurité</b> This request for a Standing Offer does not include provisions for security. Cette Demande d'offre à commandes ne comprend pas des dispositions en matière de sécurité.	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

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

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## PART 1 - GENERAL INFORMATION

### 1.1 Introduction

The Request for Standing Offers (RFSO) is divided into seven 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 | Security, Financial and Insurance Requirements: includes specific requirements that must be addressed by offerors; and  |
| Part 7 | 7A, Standing Offer, and 7B, Resulting Contract Clauses:<br><br>7A, includes the Standing Offer containing the offer from the Offeror and the applicable clauses and conditions;<br><br>7B, includes the clauses and conditions which will apply to any contract resulting from a call-up made pursuant to the Standing Offer. |

The attachments include the Schedule 1-Pricing Table, the Statement of Work, the Technical Specifications of Requirement, the Electronic Payment Instruments, the Federal Contractors Program for Employment Equity – Certification and the sample PWGSC-TPSGC 942 Call-Up Against a Standing Offer Form.

### 1.2 Summary

1.2.1 The Canadian Coast Guard (CCG) has a requirement to procure Rotating Beacons for use in the CCG's Atlantic, Central, Arctic and Western regions in accordance with the Statement of Work at Annex "A" and the Technical Specifications of Requirement at Annex "B".

Public Works and Government Services Canada (PWGSC) intends to put in place a two (2) year National Individual Standing Offer (NISO), with one (1) additional one (1) year option period, to procure the required equipment.

1.2.2 The requirement is subject to the provisions of the Canadian Free Trade Agreement (CFTA).

1.2.3 The requirement is subject to a preference for Canadian goods.

1.2.4 The Request for Standing Offers (RFSO) is to establish National Individual Standing Offer for the requirement detailed in the RFSO, to the Identified Users across Canada, excluding locations

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within Yukon, Northwest Territories, Nunavut, Quebec, and Labrador that are subject to Comprehensive Land Claims Agreements (CLCAs). Any requirement for deliveries to locations within CLCAs areas within Yukon, Northwest Territories, Nunavut, Quebec, or Labrador will have to be treated as a separate procurement, outside of the resulting standing offer.

- 1.2.5 This RFSO allows offerors to use the epost Connect service provided by Canada Post Corporation to transmit their offers electronically. Offerors must refer to Part 2 of the RFSO entitled Offeror Instructions and Part 3 of the RFSO entitled Offer Preparation Instructions, for further information on using this method.

### **1.3 Security Requirements**

There is no security requirement applicable to the Standing Offer.

### **1.4 Phased Bid Compliance Process**

The Phased Bid Compliance Process applies to this requirement.

### **1.5 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.

### **1.6 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 7.15 Transition to an e-Procurement Solution (EPS).

The Government of Canada's [press release](#) provides additional information.

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## 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 [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.

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 [2006](#) (2019-03-04) 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 [2006](#), Standard Instructions - Request for Standing Offers - Goods or Services - Competitive Requirements, is amended as follows:

Delete: 60 days  
Insert: 120 days

### 2.2 Submission of Offers

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

Note: For offerors choosing to submit using epost Connect for offers closing at the Bid Receiving Unit in the National Capital Region (NCR) the email address is:

[tpsgc.dgareceptiondessoumissions-abbidreceiving.pwgsc@tpsgc-pwgsc.gc.ca](mailto:tpsgc.dgareceptiondessoumissions-abbidreceiving.pwgsc@tpsgc-pwgsc.gc.ca)

Note: Offers 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 [2006](#), or to send offers through an epost Connect message if the bidder is using its own licensing agreement for epost Connect.

Due to the nature of the Request for Standing Offers, transmission of offers by facsimile to PWGSC will not be accepted.

### 2.3 Enquiries - Request for Standing Offers

All enquiries must be submitted in writing to the Standing Offer Authority no later than ten (10) 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.

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## 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 Ontario.

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.

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## PART 3 - OFFER PREPARATION INSTRUCTIONS

### 3.1 Offer Preparation Instructions

If the Offeror chooses to submit its offer electronically, Canada requests that the Offeror submits its offer in accordance with section 08 of the 2006 standard instructions. The epost Connect system has a limit of 1GB per single message posted and a limit of 20GB per conversation. The offer must be gathered per section and separated as follows:

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

If the Offeror chooses to submit its offer in hard copies, Canada requests that the Offeror provides its offer in separately bound sections as follows:

Section I: Technical Offer (three (3) hard copies);  
Section II: Financial Offer (one (1) hard copy);  
Section III: Certifications (one (1) hard copy);

If the Offeror is simultaneously providing copies of its offer using multiple acceptable delivery methods, and if there is a discrepancy between the wording of any of these copies and the electronic copy provided through epost Connect service, the wording of the electronic copy provided through epost Connect service will have priority over the wording of the other copies.

Due to the nature of the RFSO, offers transmitted by facsimile will not be accepted.

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 hard copy of their offer:

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

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process [Policy on Green Procurement](https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573) (<https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573>). To assist Canada in reaching its objectives, Offerors should:

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

#### Section I: Technical 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.



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## **Section II: Financial Offer**

Offerors must submit their financial offer in accordance with the Schedule 1- Pricing Table. Applicable taxes are extra.

### **3.1.1 Electronic Payment of Invoices - Offer**

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 Exchange Rate Fluctuation**

C3011T (2013-11-06), Exchange Rate Fluctuation

**Section III: Certifications** Offerors must submit the certifications and additional information required under Part 5.

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## **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.
- (c) The evaluation team will determine first if there are two or more offers with a valid Canadian Content certification. In that event, the evaluation process will be limited to the offers with the certification; otherwise, all offers will be evaluated. If some of the offers with a valid certification are declared non-responsive, or are withdrawn, and less than two responsive offers with a valid certification remain, the evaluation will continue among those offers with a valid certification. If all offers with a valid certification are subsequently declared non-responsive, or are withdrawn, then all the other offers received will be evaluated.

#### **4.1.1 Technical Evaluation**

##### **4.1.1.1 Mandatory Technical Criteria**

As indicated in Annex "B" Technical Specifications of Requirement.

#### **4.1.2 Financial Evaluation**

##### **4.1.2.1 Evaluation of Price**

The price of the offer, including option years, will be evaluated in Canadian dollars, Applicable Taxes excluded, DDP destination, Canadian customs duties and excise taxes included.

#### **4.1.3 Phased Bid Compliance Process**

Canada will use the Phased Bid Compliance Process described below.

##### **4.1.3.1 (2018-07-19) General**

- (a) Canada is conducting the PBCP described below for this requirement.
- (b) Notwithstanding any review by Canada at Phase I or II of the PBCP, Offerors are and will remain solely responsible for the accuracy, consistency and completeness of their Offers and Canada does not undertake, by reason of this review, any obligations or responsibility for identifying any or all errors or omissions in Offers or in responses by an Offeror to any communication from Canada.

THE OFFEROR ACKNOWLEDGES THAT THE REVIEWS IN PHASE I AND II OF THIS PBCP ARE PRELIMINARY AND DO NOT PRECLUDE A FINDING IN PHASE III THAT THE OFFER IS NON-RESPONSIVE, EVEN FOR MANDATORY REQUIREMENTS WHICH WERE SUBJECT TO REVIEW IN PHASE I OR II AND NOTWITHSTANDING THAT THE OFFER HAD BEEN FOUND RESPONSIVE IN SUCH EARLIER PHASE. CANADA MAY DEEM AN OFFER TO BE NON-RESPONSIVE TO A MANDATORY REQUIREMENT AT ANY PHASE. THE OFFEROR ALSO ACKNOWLEDGES THAT ITS RESPONSE TO A NOTICE OR A COMPLIANCE ASSESSMENT REPORT (CAR) (EACH DEFINED BELOW) IN PHASE I OR II MAY NOT BE SUCCESSFUL IN RENDERING ITS OFFER RESPONSIVE TO THE MANDATORY REQUIREMENTS THAT ARE THE SUBJECT OF THE NOTICE OR CAR, AND MAY RENDER ITS OFFER NON-RESPONSIVE TO OTHER MANDATORY REQUIREMENTS.

- (c) Canada may, in its discretion, request and accept at any time from an Offeror and consider as part of the Offer, any information to correct errors or deficiencies in the Offer that are clerical or administrative, such as, without limitation, failure to sign the Offer or any part or to checkmark a box in a form, or other failure of format or form or failure to acknowledge; failure to provide a procurement business number or contact information such as names, addresses and telephone numbers; inadvertent errors in numbers or calculations that do not change the amount the Offeror has specified as the price or of any component thereof that is subject to evaluation. This shall not limit Canada's right to request or accept any information after the offer solicitation closing in circumstances where the offer solicitation expressly provides for this right. The Offeror will have the time period specified in writing by Canada to provide the necessary documentation. Failure to meet this deadline will result in the Offer being declared non-responsive.
- (d) The PBCP does not limit Canada's rights under Standard Acquisition Clauses and Conditions (SACC) 2006 (2019-03-04) Standard Instructions – Request for Standing Offer- Goods or Services – Competitive Requirements nor Canada's right to request or accept any information during the solicitation period or after the offer solicitation closing in circumstances where the offer solicitation expressly provides for this right, or in the circumstances described in subsection (c).
- (e) Canada will send any Notice or CAR by any method Canada chooses, in its absolute discretion. The Offeror must submit its response by the method stipulated in the Notice or CAR. Responses are deemed to be received by Canada at the date and time they are delivered to Canada by the method and at the address specified in the Notice or CAR. An email response permitted by the Notice or CAR is deemed received by Canada on the date and time it is received in Canada's email inbox at Canada's email address specified in the Notice or CAR. A Notice or CAR sent by Canada to the Offeror at any address provided by the Offeror in or pursuant to the Offer is deemed received by the Offeror on the date it is sent by Canada. Canada is not responsible for late receipt by Canada of a response, however caused.

#### **4.1.3.2 (2018-03-13) Phase I: Financial Offer**

- (a) After the closing date and time of this offer solicitation, Canada will examine the Offer to determine whether it includes a Financial Offer and whether any Financial Offer includes all information required by the solicitation. Canada's review in Phase I will be limited to identifying whether any information that is required under the offer solicitation to be included in the Financial Offer is missing from the Financial Offer. This review will not assess whether the Financial Offer meets any standard or is responsive to all solicitation requirements.
- (b) Canada's review in Phase I will be performed by officials of the Department of Public Works and Government Services.
- (c) If Canada determines, in its absolute discretion that there is no Financial Offer or that the Financial Offer is missing all of the information required by the offer solicitation to be included in the Financial Offer, then the Offer will be considered non-responsive and will be given no further consideration.
- (d) For Offers other than those described in c), Canada will send a written notice to the Offeror ("Notice") identifying where the Financial Offer is missing information. An Offeror, whose Financial Offer has been found responsive to the requirements that are reviewed at Phase I, will not receive a Notice. Such Offerors shall not be entitled to submit any additional information in respect of their Financial Offer.

- (e) The Offerors who have been sent a Notice shall have the time period specified in the Notice (the "Remedy Period") to remedy the matters identified in the Notice by providing to Canada, in writing, additional information or clarification in response to the Notice. Responses received after the end of the Remedy Period will not be considered by Canada, except in circumstances and on terms expressly provided for in the Notice.
- (f) In its response to the Notice, the Offeror will be entitled to remedy only that part of its Financial Offer which is identified in the Notice. For instance, where the Notice states that a required line item has been left blank, only the missing information may be added to the Financial Offer, except that, in those instances where the addition of such information will necessarily result in a change to other calculations previously submitted in its Financial Offer, (for example, the calculation to determine a total price), such necessary adjustments shall be identified by the Offeror and only these adjustments shall be made. All submitted information must comply with the requirements of this solicitation.
- (g) Any other changes to the Financial Offer submitted by the Offeror will be considered to be new information and will be disregarded. There will be no change permitted to any other Section of the Offeror's Offer. Information submitted in accordance with the requirements of this solicitation in response to the Notice will replace, in full, **only** that part of the original Financial Offer as is permitted above, and will be used for the remainder of the offer evaluation process.
- (h) Canada will determine whether the Financial Offer is responsive to the requirements reviewed at Phase I, considering such additional information or clarification as may have been provided by the Offeror in accordance with this Section. If the Financial Offer is not found responsive for the requirements reviewed at Phase I to the satisfaction of Canada, then the Offer shall be considered non-responsive and will receive no further consideration.
- (i) Only Offers found responsive to the requirements reviewed in Phase I to the satisfaction of Canada, will receive a Phase II review.

#### **4.1.3.3 (2018-03-13) Phase II: Technical Offer**

- (a) Canada's review at Phase II will be limited to a review of the Technical Offer to identify any instances where the Offeror has failed to meet any Eligible Mandatory Criterion. This review will not assess whether the Technical Offer meets any standard or is responsive to all solicitation requirements. Eligible Mandatory Criteria are all mandatory technical criteria that are identified in this solicitation as being subject to the PBCP. Mandatory technical criteria that are not identified in the solicitation as being subject to the PBCP, will not be evaluated until Phase III.
- (b) Canada will send a written notice to the Offeror (Compliance Assessment Report or "CAR") identifying any Eligible Mandatory Criteria that the Offer has failed to meet. An Offeror whose Offer has been found responsive to the requirements that are reviewed at Phase II will receive a CAR that states that its Offer has been found responsive to the requirements reviewed at Phase II. Such Offeror shall not be entitled to submit any response to the CAR.
- (c) An Offeror shall have the period specified in the CAR (the "Remedy Period") to remedy the failure to meet any Eligible Mandatory Criterion identified in the CAR by providing to Canada in writing additional or different information or clarification in response to the CAR. Responses received after the end of the Remedy Period will not be considered by Canada, except in circumstances and on terms expressly provided for in the CAR.
- (d) The Offeror's response must address only the Eligible Mandatory Criteria listed in the CAR as not having been achieved, and must include only such information as is necessary to achieve such compliance. Any additional information provided by the Offeror which is not necessary to achieve such compliance will not be considered by Canada, except that, in those instances where such a

response to the Eligible Mandatory Criteria specified in the CAR will necessarily result in a consequential change to other parts of the Offer, the Offeror shall identify such additional changes, provided that its response must not include any change to the Financial Offer.

- (e) The Offeror's response to the CAR should identify in each case the Eligible Mandatory Criterion in the CAR to which it is responding, including identifying in the corresponding section of the original Offer, the wording of the proposed change to that section, and the wording and location in the Offer of any other consequential changes that necessarily result from such change. In respect of any such consequential change, the Offeror must include a rationale explaining why such consequential change is a necessary result of the change proposed to meet the Eligible Mandatory Criterion. It is not up to Canada to revise the Offeror's Offer, and failure of the Offeror to do so in accordance with this subparagraph is at the Offeror's own risk. All submitted information must comply with the requirements of this solicitation.
- (f) Any changes to the Offer submitted by the Offeror other than as permitted in this solicitation, will be considered to be new information and will be disregarded. Information submitted in accordance with the requirements of this solicitation in response to the CAR will replace, in full, **only** that part of the original Offer as is permitted in this Section.
- (g) Additional or different information submitted during Phase II permitted by this section will be considered as included in the Offer, but will be considered by Canada in the evaluation of the Offer at Phase II only for the purpose of determining whether the Offer meets the Eligible Mandatory Criteria. It will not be used at any Phase of the evaluation to increase or decrease any score that the original Offer would achieve without the benefit of such additional or different information. For instance, an Eligible Mandatory Criterion that requires a mandatory minimum number of points to achieve compliance will be assessed at Phase II to determine whether such mandatory minimum score would be achieved with such additional or different information submitted by the Offeror in response to the CAR. If so, the Offer will be considered responsive in respect of such Eligible Mandatory Criterion, and the additional or different information submitted by the Offeror shall bind the Offeror as part of its Offer, but the Offeror's original score, which was less than the mandatory minimum for such Eligible Mandatory Criterion, will not change, and it will be that original score that is used to calculate any score for the Offer.
- (h) Canada will determine whether the Offer is responsive for the requirements reviewed at Phase II, considering such additional or different information or clarification as may have been provided by the Offeror in accordance with this Section. If the Offer is not found responsive for the requirements reviewed at Phase II to the satisfaction of Canada, then the Offer shall be considered non-responsive and will receive no further consideration.
- (i) Only Offers found responsive to the requirements reviewed in Phase II to the satisfaction of Canada, will receive a Phase III evaluation.

#### **4.1.3.4 (2018-03-13) Phase III: Final Evaluation of the Offer**

- (a) In Phase III, Canada will complete the evaluation of all Offers found responsive to the requirements reviewed at Phase II. Offers will be assessed in accordance with the entire requirement of the offer solicitation including the technical and financial evaluation criteria.
- (b) An Offer is non-responsive and will receive no further consideration if it does not meet all mandatory evaluation criteria of the solicitation.

## 4.2 Basis of Selection

An offer must comply with the Requirements of the Request for Standing Offer and meet all mandatory technical criteria to be declared responsive.

The responsive offer with the lowest evaluated price as indicated in section 4.1.2 Financial Evaluation 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 Required with the Offer

Offerors must submit the following duly completed certifications as part of their offer.

#### 5.1.1 Integrity Provisions - Declaration of Convicted Offences

In accordance with the Integrity Provisions of the Standard Instructions, all offerors must provide with their offer, **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 Additional Certifications Required with the Offer

##### 5.1.2.1 Canadian Content Certification

This procurement is conditionally limited to Canadian goods.

Subject to the evaluation procedures contained in the request for standing offer, offerors acknowledge that only offers 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 offer will result in the good(s) offered being treated as non-Canadian goods.

**The Offeror certifies that:**

**( ) a minimum of 80 percent of the total price for the offer consist of Canadian goods as defined in paragraph 1 of clause A3050T.**

For more information on how to determine the Canadian content for a mix of goods, a mix of services or a mix of goods and services, consult Annex 3.6, Example 2, of the Supply Manual.

#### 5.1.2.1.1 Canadian Content Definitions

**Canadian good:** A good wholly manufactured or originating in Canada is considered a Canadian good. A product containing imported components may also be considered Canadian for the purpose of this policy when it has undergone sufficient change in Canada, in a manner that satisfies the definition specified under the [North American Free Trade Agreement](#) (NAFTA) Rules of Origin. For the purposes of this determination, the reference in the NAFTA Rules of Origin to "territory" is to be replaced with "Canada". (Consult [Section 3.130](#) and [Annex 3.6](#) of the Supply Manual for further information.)

**Canadian service:** A service provided by an individual based in Canada is considered a Canadian service. Where a requirement consists of only one service, which is being provided by more than one individual, the service will be considered Canadian if a minimum of 80 percent of the total bid price for the service is provided by individuals based in Canada.

**Variety of goods:** When requirements consist of more than one good, one of the two methods below is applied:

- a. aggregate evaluation: no less than 80 percent of the total bid price must consist of Canadian goods; or,
- b. item by item evaluation: in some cases, the bid evaluation may be conducted on an item-by-item basis and contracts may be awarded to more than one supplier. In these cases, suppliers will be asked to identify separately each item that meets the definition of Canadian goods.

**Variety of services:** For requirements consisting of more than one service, a minimum of 80 percent of the total bid price must be provided by individuals based in Canada.

**Mix of goods and services:** When requirements consist of a mix of goods and services, no less than 80 percent of the total bid price must consist of Canadian goods and services (as defined above). For more information on how to determine the Canadian content for a mix of goods, a mix of services or a mix of goods and services, consult [Annex 3.6](#), Example 2, of the Supply Manual.

**Other Canadian goods and services:** Textiles: Textiles are considered to be Canadian goods according to a modified rule of origin, copies of which are available from the Clothing and Textiles Division, Commercial and Consumer Products Directorate.

## 5.2 Certifications Precedent to the 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.

### 5.2.1 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>), the Offeror 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 - 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 [Employment and Social Development Canada-Labour's](https://www.canada.ca/en/employment-social-development/canada-labour/s) website (<https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#s4>).

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.

## PART 6 - INSURANCE REQUIREMENTS

### 6.1 Insurance Requirements

The Contractor is responsible for deciding if insurance coverage is necessary to fulfill its obligation under the Contract and to ensure compliance with any applicable law. Any insurance acquired or maintained by the Contractor is at its own expense and for its own benefit and protection. It does not release the Contractor from or reduce its liability under the Contract.

## PART 7 - STANDING OFFER AND RESULTING CONTRACT CLAUSES

### A. STANDING OFFER

#### 7.1 Offer

7.1.1 The Offeror offers to fulfill the requirement in accordance with the Statement of Work at Annex "A" and the Technical Specifications of Requirement at Annex "B".

#### 7.2 Security Requirements

7.2.1 There is no security requirement applicable to the Standing Offer.

#### 7.3 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 [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.

##### 7.3.1 General Conditions

2005 (2017-06-21) General Conditions - Standing Offers - Goods or Services, apply to and form part of the Standing Offer.

##### 7.3.2 Standing Offers Reporting

The Offeror must compile and maintain records on its provision of goods, services or both to the federal government under contracts resulting from the Standing Offer. This data must include all purchases, including those paid for by a Government of Canada Acquisition Card. The report will include, but not be limited to, the client issued Call-up Number, the item(s) ordered, quantity of each item ordered, the value of each Call-up and any comments regarding the individual Call-up.



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

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

The quarterly reporting periods are defined as follows:

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

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

#### **7.4 Term of Standing Offer**

##### **7.4.1 Period of the Standing Offer**

The period for making call-ups against the Standing Offer is two (2) years from the date of award of Standing Offer, \_\_\_\_\_ *(dates to be inserted at Standing Offer Award)*.

##### **7.4.2 Extension of Standing Offer**

If the Standing Offer is authorized for use beyond the initial period, the Offeror offers to extend its offer for one (1) additional one (1) year periods, from \_\_\_\_\_ to \_\_\_\_\_. *(dates to be inserted at Standing Offer Award)*.

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 ninety (90) days before the expiry date of the Standing Offer. A revision to the Standing Offer will be issued by the Standing Offer Authority.

##### **7.4.3 Comprehensive Land Claims Agreements (CLCAs)**

The Standing Offer (SO) is for the delivery of the requirement detailed in the SO to the Identified Users across Canada, excluding locations within Yukon, Northwest Territories, Nunavut, Quebec, and Labrador that are subject to Comprehensive Land Claims Agreements (CLCAs). Any requirement for deliveries to locations within CLCAs areas within Yukon, Northwest Territories, Nunavut, Quebec, or Labrador will have to be treated as a separate procurement, outside of the standing offer.

#### **7.5 Authorities**

##### **7.5.1 Standing Offer Authority**

The Standing Offer Authority is:

Name: Alexis Johnson  
Title: Supply Officer  
Public Works and Government Services Canada  
Acquisitions Branch  
Directorate: Electronics, Simulators and Defence Systems Division  
Address: 11 Laurier Street, Place du Portage III, Gatineau, QC K1A 0S5 Canada

Solicitation No. - N° de l'invitation  
F7047-190008/A  
Client Ref. No. - N° de réf. du client  
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File No. - N° du dossier  
099qf.F7047-190008

Buyer ID - Id de l'acheteur  
099qf  
CCC No./N° CCC - FMS No./N° VME

Telephone: 819-420-6312  
E-mail address: Alexis.Johnson2@tpsgc-pwgsc.gc.ca

The Standing Offer Authority is responsible for the establishment of the Standing Offer, its administration and its revision, if applicable. Upon the making of a call-up, as Contracting Authority, he is responsible for any contractual issues relating to individual call-ups made against the Standing Offer by any Identified User.

### 7.5.2 Project Authority

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.

### 7.5.3 CCG Requisition Authority *(To be inserted at Standing Offer award)*.

The Canadian Coast Guard (CCG) Requisition Authority for the Standing Offer is:

The CCG Requisition Authority is responsible for reviewing and approving each Call-up, within the CCG delegation of authority, prior to issuance to the Standing Offer holder.

### 7.5.4 Offeror's Representative *(To be completed by the Offeror)*.

General Inquiries:

Name: \_\_\_\_\_  
Position: \_\_\_\_\_  
Tel: \_\_\_\_\_  
Email: \_\_\_\_\_

Delivery Inquiries:

Name: \_\_\_\_\_  
Position: \_\_\_\_\_  
Tel: \_\_\_\_\_  
Email: \_\_\_\_\_

## 7.6 Identified Users

The Identified User authorized to make call-ups against the Standing Offer is: The Canadian Coast Guard (CCG).

## 7.7 Call-up Procedures

The CCG regional representative will prepare the PWGSC 942 Call-up Against a Standing Offer document and submit to the Requisition Authority for authorization, up to \$ \_\_\_\_\_ CAD (Goods and Services Tax or Harmonized Sales Tax included). *(To be inserted at Standing Offer award)*. The Call-up will then be forwarded to the supplier by e-mail, with a c.c. to the PWGSC Standing Offer Authority.

Any call up over the \$\_\_\_\_\_ CAD (Goods and Services Tax or Harmonized Sales Tax included) **(To be inserted at Standing Offer award)** limit must also be approved by the PWGSC Standing Offer Authority prior to submitting to the supplier.

## 7.8 Call-up Instrument

The Work will be authorized or confirmed by the Identified User(s) using form PWGSC-TPSGC 942, Call-up Against a Standing Offer. (See Annex E - PWGSC-TPSGC 942, Call-up Against a Standing Offer Form).

## 7.9 Limitation of Call-ups

Individual call-ups against the Standing Offer must not exceed \$\_\_\_\_\_ (Applicable Taxes included). **(To be inserted at Standing Offer award)**

## 7.10 Financial Limitation Total

The total cost to Canada resulting from call-ups against the Standing Offer must not exceed the sum of \_\_\_\_\_ (Goods and Services Tax or Harmonized Sales Tax included) **(To be inserted at Standing Offer award)** unless otherwise authorized in writing by the PWGSC Standing Offer Authority. The Offeror must not perform any work or services or supply any articles in response to call-ups which would cause the total cost to Canada to exceed the said sum, unless an increase is so authorized.

The Offeror must notify the PWGSC Standing Offer Authority as to the adequacy of this sum when 75 percent of this amount has been committed, or 4 months before the expiry date of the Standing Offer, whichever comes first. However, if at any time, the Offeror considers that the said sum may be exceeded, the Offeror must promptly notify the PWGSC Standing Offer Authority.

## 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 call up against the Standing Offer, including any annexes;
- b) the articles of the Standing Offer;
- c) the general conditions 2005 (2017-06-21), General Conditions - Standing Offers - Goods or Services;
- d) the general conditions 2010A (2018-06-21), General Conditions - Goods (Medium Complexity);
- e) the Schedule 1-Pricing Table;
- f) Annex A, Statement of Work;
- g) Annex B, Technical Specifications of Requirement;
- h) Annex C, Electronic Payments Instrument;
- i) Annex D, Federal Contractors Program for Employment Equity Certification;
- j) Annex E, Sample PWGSC-TPSGC 942, Call-Up Against a Standing Offer form;
- k) the Offeror's offer dated \_\_\_\_\_ *(insert date of offer)* .

## 7.12 Certifications and Additional Information

### 7.12.1 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.

### **7.12.2 Canadian Content Certification**

The Offeror warrants that the certification of Canadian Content submitted by the Offeror is accurate and complete, and that the goods, services or both to be provided under any call-ups against the Standing Offer are in accordance with the definition contained in clause [A3050T](#).

The Offeror must keep proper records and documentation relating to the origin of the goods, services or both provided to Canada. The Offeror must not, without obtaining before the written consent of the Standing Offer Authority, dispose of any such records or documentation until the expiration of six (6) years after final payment under any contract resulting from the Standing Offer, or until settlement of all outstanding claims and disputes under the Standing Offer, whichever is later. All such records and documentation must at all times during the retention period be open to audit, inspection and examination by the representatives of Canada, who may make copies and take extracts. The Offeror must provide all facilities for such audits, inspections and examinations, and must furnish all such information as the representatives of Canada may from time to time require with respect to such records and documentation.

Nothing in this clause must be interpreted as limiting the rights and remedies which Canada may otherwise have pursuant any contract resulting from the Standing Offer.

### **7.13 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 Ontario.

### **7.14 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.

### **7.1 Statement of Requirement**

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

---

## **7.2 Standard Clauses and Conditions**

### **7.2.1 General Conditions**

**2010A** (2018-06-21), General Conditions - Goods (Medium Complexity) apply to and form part of the Contract.

### **7.3 Term of Contract**

#### **7.3.1 Delivery Date**

Delivery must be completed in accordance with the call-up against the Standing Offer.

### **7.4 Payment**

#### **7.4.1 Basis of Payment**

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid firm unit prices, as specified in Schedule 1 – Pricing Table.

Customs duties are included and Goods and Services Tax or Harmonized Sales Tax is extra, if applicable.

#### **7.4.2 Limitation of Expenditure**

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 Standing Offer Authority before their incorporation into the Work.

#### **7.4.3 Multiple Payments**

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.

#### **7.4.4 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;
- 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)

---

## 7.5 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. One (1) copy must be forwarded electronically to the following addresses for certification and payment. **(To be inserted at Standing Offer award)**
  - b. One (1) copy must be forwarded electronically to the Contracting Authority identified under the section entitled "Authorities" of the Contract.

## 7.6 Insurance

The Contractor is responsible for deciding if insurance coverage is necessary to fulfill its obligation under the Contract and to ensure compliance with any applicable law. Any insurance acquired or maintained by the Contractor is at its own expense and for its own benefit and protection. It does not release the Contractor from or reduce its liability under the Contract.

## 7.7 Delivery, Inspection and Acceptance

### 7.7.1 Excess Goods

The quantity of goods to be delivered by the Contractor is specified in the Contract. The Contractor remains liable for any shipment in excess of that quantity whether the excess quantity is shipped voluntarily or as a result of an error by the Contractor. Canada will not make any payment to the Contractor for goods shipped in excess of the specified quantity. Canada will not return the said goods to the Contractor unless the Contractor agrees to pay for all the costs related to the return, including but not limited to administrative, shipping and handling costs. Canada will have the right to deduct such costs from any invoice submitted by the Contractor.

### 7.7.2 Incomplete Assemblies

The Contractor must not ship incomplete assemblies unless the authorization for such shipment has been obtained before from the Contracting Authority.

### 7.7.3 Marking

The Contractor must ensure that the manufacturer's name and part number are clearly stamped or etched on each item for positive identification purposes.

### 7.7.4 Labelling

The Contractor must ensure that the manufacturer's and specification numbers appear on each item, either printed on the container or on an adhesive label of highest commercial standard affixed to the container.

### 7.7.5 Dangerous Goods / Hazardous Products - Labelling and Packaging Compliance

The Contractor must ensure proper labelling and packaging in the supply and shipping of dangerous goods/hazardous products to the Government of Canada.

The Contractor will be held liable for any damages caused by improper packaging, labelling or carriage of dangerous goods/hazardous products.

The Contractor must clearly mark all merchandise labels with the percentage of volume that is a hazardous item. Failure to do so will result in the Contractor being held responsible for damages caused in the movement of goods/products by government vehicles or government personnel.

The Contractor must adhere to all applicable laws regarding dangerous goods/hazardous products.

#### **7.7.6 Inspection and Acceptance**

The Consignee at destination 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.

#### **7.7.7 Shipping Instructions- Delivery at Destination**

Goods must be consigned to the destination specified in the Call-up and delivered:

Delivered Duty Paid (DDP), (destination address to be included in the Call-up), Incoterms 2000 for shipments from a commercial contractor.

The Contractor must ship the goods prepaid, including all delivery charges to one of the destinations below. Prepaid transportation costs must be shown as a separate item on the invoice, supported by a certified copy of the prepaid transportation bill of lading.

- a) Canadian Coast Guard- Québec Region  
101, Boulevard Champlain  
Ville de Québec, Québec  
G1K 7Y7  
Canada
- b) Canadian Coast Guard- Ontario Region  
401 King Street  
Prescott, Ontario  
K0E 1T0  
Canada
- c) Canadian Coast Guard- Nova Scotia Region  
27 Parker Street  
Dartmouth, Nova Scotia  
B2Y 2W1
- d) Canadian Coast Guard- Newfoundland Region  
280 Southside Base  
St. John's, Newfoundland  
A1C 5X1
- e) Canadian Coast Guard- British Columbia Region  
17 Huron Street  
Victoria, British Columbia  
V8V 4V9

Solicitation No. - N° de l'invitation F7047-190008/A	Amd. No. - N° de la modif. 099qf	Buyer ID - Id de l'acheteur 099qf
Client Ref. No. - N° de réf. du client F7047-190008	File No. - N° du dossier 099qf.F7047-190008	CCC No./N° CCC - FMS No./N° VME

Schedule 1- Pricing Table

Firm Unit Prices in Canadian currency, applicable taxes extra, Incoterms 2010 Delivered Duty Paid (DDP) to the destinations listed in section 7 of the Resulting Contract Clauses and listed by reference below. Canadian customs duties and excise taxes included, if applicable.

The Call-up issue date, is the date which determines the applicable Price Period to use. Call-ups will be issued on an as-and-when required basis, with no minimum guarantee.

Estimated purchases during the 2 year period of the Standing Offer are:

- Item 1- quantity 13
- Item 2- quantity 12
- Item 3- quantity 5



**Table 1**

Item Number	Item Description	Part Number	Unit of Issue	Delivery Location	Year 1- Unit Pricing	Year 2- Unit Pricing
1	Rotating Beacon Category 1 (Nominal Range 15nm to 20nm)		Each	Québec	\$	\$
				Ontario	\$	\$
				Nova Scotia	\$	\$
				Newfoundland	\$	\$
				British Columbia	\$	\$
2	Rotating Beacon Category 2 (Nominal Range 20nm to 25nm)		Each	Québec	\$	\$
				Ontario	\$	\$
				Nova Scotia	\$	\$
				Newfoundland	\$	\$
				British Columbia	\$	\$
3	Rotating Beacon Category 3 (Nominal Range Greater than 25nm)		Each	Québec	\$	\$
				Ontario	\$	\$
				Nova Scotia	\$	\$
				Newfoundland	\$	\$
				British Columbia	\$	\$

**Option Year Pricing- Table 2**

Item Number	Item Description	Part Number	Unit of Issue	Delivery Location	Option Year- Unit Pricing
1	Rotating Beacon Category 1 (Nominal Range 15nm to 20nm)		Each	Québec	\$
				Ontario	\$
				Nova Scotia	\$
				Newfoundland	\$
				British Columbia	\$
2	Rotating Beacon Category 2 (Nominal Range 20nm to 25nm)		Each	Québec	\$
				Ontario	\$
				Nova Scotia	\$
				Newfoundland	\$
				British Columbia	\$
3	Rotating Beacon Category 3 (Nominal Range Greater than 25nm)		Each	Québec	\$
				Ontario	\$
				Nova Scotia	\$
				Newfoundland	\$
				British Columbia	\$

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F7047-190008

Amd. No. - N° de la modif.  
File No. - N° du dossier  
099qf.F7047-190008

Buyer ID - Id de l'acheteur  
099qf  
CCC No./N° CCC - FMS No./N° VME

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**ANNEX "A"**

**STATEMENT OF WORK**

***(attached as a separate document)***

Solicitation No. - N° de l'invitation  
F7047-190008/A  
Client Ref. No. - N° de réf. du client  
F7047-190008

Amd. No. - N° de la modif.  
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Buyer ID - Id de l'acheteur  
099qf  
CCC No./N° CCC - FMS No./N° VME

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**ANNEX "B"**

**TECHNICAL SPECIFICATIONS OF REQUIREMENT**

*(attached as a separate document)*

Solicitation No. - N° de l'invitation  
F7047-190008/A  
Client Ref. No. - N° de réf. du client  
F7047-190008

Amd. No. - N° de la modif.  
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Buyer ID - Id de l'acheteur  
099qf  
CCC No./N° CCC - FMS No./N° VME

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

## ANNEX "D" to PART 5 OF THE REQUEST FOR STANDING OFFERS

### FEDERAL CONTRACTORS PROGRAM FOR EMPLOYMENT EQUITY - CERTIFICATION

I, the Offeror, by submitting the present information to the Standing Offer Authority, certify that the information provided is true as of the date indicated below. The certifications provided to Canada are subject to verification at all times. I understand that Canada will declare an offer non-responsive, or may set-aside a Standing Offer, or will declare a contractor in default, if a certification is found to be untrue, whether during the offer evaluation period, during the Standing Offer period, or during the contract period. Canada will have the right to ask for additional information to verify the Offeror's certifications. Failure to comply with any request or requirement imposed by Canada may render the Offer non-responsive, may result in the Standing Offer set-aside or constitute a default under the Contract.

For further information on the Federal Contractors Program for Employment Equity visit [Employment and Social Development Canada \(ESDC\) – Labour's](#) website.

Date: \_\_\_\_\_ (YYYY/MM/DD) (If left blank, the date will be deemed to be the RFSO closing date.)

Complete both A and B.

A. Check only one of the following:

- ☐ A1. The Offeror certifies having no work force in Canada.
- ☐ A2. The Offeror certifies being a public sector employer.
- ☐ A3. The Offeror certifies being a [federally regulated employer](#) being subject to the [Employment Equity Act](#).
- ☐ A4. The Offeror certifies having a combined work force in Canada of less than 100 permanent full-time and/or permanent part-time employees.

A5. The Offeror has a combined workforce in Canada of 100 or more employees; and

- ☐ A5.1 The Offeror certifies already having a valid and current [Agreement to Implement Employment Equity](#) (AIEE) in place with ESDC-Labour.
- OR
- ☐ A5.2. The Offeror certifies having submitted the [Agreement to Implement Employment Equity](#) (LAB1168) to ESDC-Labour. As this is a condition to issuance of a standing offer, proceed to completing the form Agreement to Implement Employment Equity (LAB1168), duly signing it, and transmit it to ESDC-Labour.

B. Check only one of the following:

- ☐ B1. The Offeror is not a Joint Venture.

OR

- ☐ B2. The Offeror is a Joint venture and each member of the Joint Venture must provide the Standing Offer Authority with a completed annex Federal Contractors Program for Employment Equity - Certification. (Refer to the Joint Venture section of the Standard Instructions)

Solicitation No. - N° de l'invitation  
F7047-190008/A  
Client Ref. No. - N° de réf. du client  
F7047-190008

Amd. No. - N° de la modif.  
File No. - N° du dossier  
099qf.F7047-190008

Buyer ID - Id de l'acheteur  
099qf  
CCC No./N° CCC - FMS No./N° VME

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**ANNEX "E"**

**PWGSC-TPSGC 942 CALL-UP AGAINST A STANDING OFFER FORM**

***(attached as a separate document)***



Fisheries and Oceans  
Canada

Pêches et Océans  
Canada

Canadian  
Coast Guard

Garde côtière  
canadienne

EKME #4053967

## Integrated Technical Services



Safety First. Service Always



# Rotating Beacons Annex "A"

***Statement of Work***



# ANNEX "A" STATEMENT OF WORK

Published under the Authority of:  
Integrated Technical Services Directorate  
Fisheries and Oceans Canada  
Canadian Coast Guard  
Ottawa Ontario, K1A 0E6

<http://ccg-gcc.nrc.dfo-mpo.gc.ca/>




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# EDITION, MONTH, YEAR  
DISPONIBLE EN FRANÇAIS: BALISE TOURANTE – ÉNONCÉ DES TRAVAUX  
**MGCE 4053970**

## Record of Amendments

#	Date	Description	Initials
1.0	November 2018	First Edition	RM
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## Approvals

Office of Primary Interest (OPI)	Samson Dazogbo for Rocco Maso 	Approved: Date: 2019/06/03
MCI- Portfolio Manager	Stephanie Verbit 	Approved: Date: 2019-06-03
Director, Maritime and Civil Infrastructure, Environmental Response (MCI/ER)	Julia Murphy 	Approved: Date: June 3/2019.

ANNEX "A" STATEMENT OF WORK  
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## **Document Management**

### **1. Authority**

This document is issued by the Director General, Integrated Technical Services, Canadian Coast Guard (CCG)'s National Technical Authority under delegation from the Deputy Minister, Fisheries and Oceans and the Commissioner of the CCG.

### **2. Responsibility**

The National Project Manager for Fixed Aids is responsible for:

- i) the creation and promulgation of the document; and
- ii) the identification of an Office of Primary Interest (OPI) who is responsible for the coordination and the content of the document.

The OPI is responsible for:

- i) the validity and accuracy of the content;
- ii) the availability of this information;
- iii) the update as needed;
- iv) the periodical revision; and
- v) the follow-up of all requests, comments and/or suggestions received by the originator.

### **3. Inquiries and/or Revision Requests**

All inquiries regarding this document, including suggestions for revision and requests for interpretation shall be addressed to:

National Project Manager – Fixed Aids  
200 Kent Street, Ottawa, Ontario, K1A 0E6

All requests should be clear, concise and reference the specific Section or Table.

## **Section 1 INTRODUCTION**

---

The Canadian Coast Guard (CCG) has a requirement for a Rotating Beacons for its navigational aids in navigational application for use in many parts of Canada. The units will be used as aids to navigation in the CCG's Atlantic, Central and Arctic and Western regions.

### **1.1 SPECIFICATIONS**

The Rotating Beacon shall meet the technical requirements as outlined in the "Technical Specifications of Requirement" for Rotating Beacons" at Annex B.

## **Section 2 SCOPE OF WORK**

---

### **2.1 REQUIREMENTS**

The purpose of this document is to ensure that all Rotating Beacons used across Canada by the CCG adhere to the same standards.

The Contractor shall provide CCG with Rotating Beacons on an "as-and-when requested" basis.

### **2.2 DOCUMENTATION**

The documents listed in section 2.2.1 shall be provided in the specified format, quantity, frequency and software.

The Contractor shall supply at the time of delivery (for each unit delivered) the following in French and English languages.

- Required Test Software,
- Bill of Lading,
- Documents listed in section 2.2.1, to every delivery point identified on the order.

The software shall be compatible with Microsoft Windows 2010 and following version. The documentation format supplied shall be in either, Microsoft Word, Excel or PDF. The media shall be a CD disk at the time of order.

#### **2.2.1 List of Documents to be provided**

1. Programming, Installation and Operation Instructions
2. Handling and Storage Instructions
3. Maintenance Manual and User Manual
4. Maintenance Utilities (i.e. any hardware, software, peripherals and documentation used to maintain the Rotating –Beacon during its service life).

## 2.3 DELIVERY LOCATIONS

The five (5) delivery destinations for this item shall be the following:

Québec (Québec)	Canadian Coast Guard 101, Boulevard Champlain, Ville de Québec, Québec G1K 7Y7
Prescott (Ontario)	Canadian Coast Guard 401 King Street Prescott, Ontario K0E 1T0
Dartmouth (Nova Scotia)	Canadian Coast Guard 27 Parker Street Dartmouth, NS B2Y 2W1
St. John's (NL)	Canadian Coast Guard 280 Southside Base St. John's, NL A1C 5X1
Victoria (BC)	Canadian Coast Guard 17 Huron Street Victoria , BC V8V 4V9

## Appendix A MANUFACTURER'S BILL OF MATERIAL/QUALITY CONTROL CHECKLIST

The Standing Offer Holder's Quality Control (QC) representative must fill in this checklist with the delivery of each ROTATING BEACON. The Standing Offer Holder can attach other data to supplement this list to ensure the best quality product to CCG.

Manufacturer Name: \_\_\_\_\_ Date of Manufacture: \_\_\_\_\_  
ROTATING BEACON Serial Number: \_\_\_\_\_ ROTATING BEACON Model #: \_\_\_\_\_  
Inspector Name: \_\_\_\_\_ Inspector Signature: \_\_\_\_\_  
Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Description	Units	Value	Comments
Rotating Beacon Exterior Markings Check			
Nameplate Information:			
1) Manufacturer Name		Yes <input type="checkbox"/> No <input type="checkbox"/>	
2) Model Number		Yes <input type="checkbox"/> No <input type="checkbox"/>	
3) Serial Number		Yes <input type="checkbox"/> No <input type="checkbox"/>	
4) Date of Manufacture		Yes <input type="checkbox"/> No <input type="checkbox"/>	
5) Rated Voltage/Amperage		Yes <input type="checkbox"/> No <input type="checkbox"/>	
Miscellaneous Check			
1) Rotating Beacon is fully assembled on delivery		Yes <input type="checkbox"/> No <input type="checkbox"/>	
2) RS-232/USB cable included		Yes <input type="checkbox"/> No <input type="checkbox"/>	
3) Communication Box included		Yes <input type="checkbox"/> No <input type="checkbox"/>	
4) Software/CD included		Yes <input type="checkbox"/> No <input type="checkbox"/>	
5) Battery ready to use on delivery		Yes <input type="checkbox"/> No <input type="checkbox"/>	
6) Desiccant		Yes <input type="checkbox"/> No <input type="checkbox"/>	
Packaging Check			
Desiccant included	-	Yes <input type="checkbox"/> No <input type="checkbox"/>	



Fisheries and Oceans  
Canada

Pêches et Océans  
Canada

Canadian  
Coast Guard

Garde côtière  
canadienne

EKME# 3942533

## Integrated Technical Services



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# Rotating Beacons Annex “B”

## *Technical Specification of Requirements*

Published under the Authority of:  
Integrated Technical Services Directorate  
Fisheries and Oceans Canada  
Canadian Coast Guard  
Ottawa Ontario, K1A 0E6

<http://intra.coast-guard.ca/ITS/Home>

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#### Record of Amendments

#	Date	Description	Initials
1	30 July 2018	Initial Issue	PH



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## Section 1

## APPLICABLE DOCUMENTS

---

The documents listed in this section form an integral part of the CCG requirements to the extent they are referenced in this Performance Specification.

### 1.1 REFERENCED PUBLICATIONS, SPECIFICATIONS AND STANDARDS

- 1.1.1 IEC 60529:1989+AMD1:1999+AMD2:2013 and CSV/COR2:2015 *Degrees of protection provided by enclosures (IP Code)*
- 1.1.2 IEC 60945 4<sup>th</sup> edition, *Maritime Navigation and Radiocommunication Equipment and Systems – General Requirements – Methods of Testing and Required Test Results.*
- 1.1.3 MIL-STD-202H, *Department of Defense Test Method Standard: Electronic and Electrical Component Parts.*
- 1.1.4 MIL-STD-810G, *Environmental Engineering Considerations and Laboratory Tests.*

### 1.2 OTHER REFERENCED DOCUMENTS

- 1.2.1 IALA (International Association of Marine Aids to Navigation and Lighthouse Authorities) *Recommendation E-200 – Marine Signal Lights Edition 1 December 2008*
- 1.2.2 Canadian Coast Guard, Notice to Mariners (NOTMAR) *List of Lights, Buoys and Fog Signals (4 Volumes) – latest editions (<https://www.notmar.gc.ca/list-livre-en.php>)*

### 1.3 ORDER OF PRECEDENCE

- 1.3.1 In the event of a conflict between the text of this document and the references cited herein, the text of this document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been made.

## **Section 2**

### **PERFORMANCE SPECIFICATIONS**

---

This section sets out the Canadian Coast Guard's performance specifications are common to all rotating beacons.

#### **2.1 GENERAL**

##### **2.1.1 Fundamental design**

- 2.1.1.1 The Rotating Beacon must use LED(s) as a light source.
- 2.1.1.2 The rotating beacon must produce a flash through mechanical rotation of at least one optical element in order to create a "sweeping" light effect.

##### **2.1.2 Material**

- 2.1.2.1 The rotating beacon must be made of materials which will not be subject to damage due to corrosion or rust during the life expectancy of the rotating beacon.

##### **2.1.3 Finish**

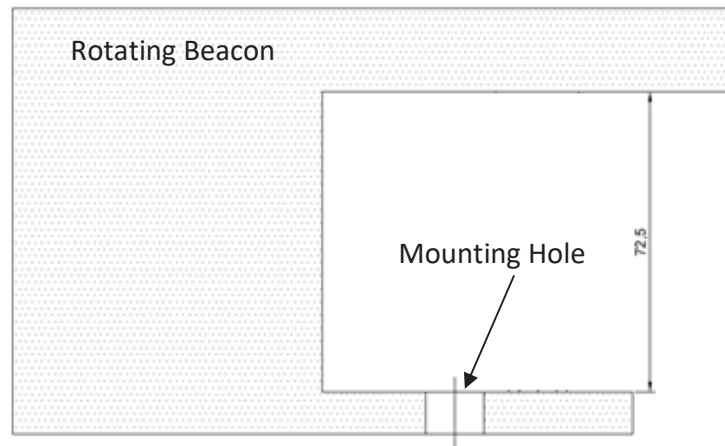
- 2.1.3.1 Paint or coatings must be lead free.
- 2.1.3.2 The lens must maintain IALA colour requirements for no less than 8 years.
- 2.1.3.3 Ultraviolet exposure must cause minimal material breakdown of the housing so the unit maintain structural integrity for no less than 8 years.

##### **2.1.4 Protection from birds**

- 2.1.4.1 The rotating beacon must have a means of restricting the ability of birds to roost on it.

##### **2.1.5 Mounting provisions**

- 2.1.5.1 The rotating beacon must have a mounting plate with pre-drilled holes to allow mounting to a flat surface with standard nuts and bolts.
- 2.1.5.2 The bottom of the rotating beacon base must be parallel to range light's focal plane.
- 2.1.5.3 Any part of the rotating beacon that overhangs the mounting holes shall be no less than 72.5mm above the mounting foot to allow use of a 1 inch bolt and wrench. Refer to Figure 1.



**Figure 1 - Mounting Hole Clearance Requirement**

## **2.1.6 Identification nameplate**

2.1.6.1 The rotating beacon must have an identification nameplate with the following information:

- Name of manufacturer
- Model number
- Serial Number
- Date of Manufacture
- Rated Voltage/Amperage

- 2.1.6.2 The identification nameplate must be indelible.
- 2.1.6.3 The identification nameplate must be located on the exterior of the unit.

## 2.2 OPTICAL PERFORMANCE

### 2.2.1 Nominal Range

- 2.2.1.1 The rotating beacon must have nominal range as identified in Table 1 using 0.74 for transmissivity. Daytime or nighttime.

Table 1 - Nominal Range

Category	Nominal Range (nm)
1	15-20
2	20-25
3	>25

- 2.2.1.2 The rotating beacon must have adjustable intensities.

### 2.2.2 Vertical Divergence

- 2.2.2.1 The rotating beacon must have a vertical divergence of no less than 0.75° above the horizontal and 0.75° below the horizontal.
- 2.2.2.2 The rotating beacon must have an optional model of beacon with a vertical divergence exceed 2.5° above the horizontal and 2.5° below the horizontal.
- 2.2.2.3 The vertical divergence must be determined using the 50% point of rated intensity.

### 2.2.3 Flash Characteristics

- 2.2.3.1 The rotating beacon must be capable of producing, but not limited to, the most common flashing (Fl.) characteristics: Fl 3s; Fl 5s; Fl 6s; Fl 7.5s; Fl 10s; Fl 15s.

### 2.2.4 Signal colours

- 2.2.4.1 The light signal provided by green, red, and white beacons must fall within the chromaticity regions of IALA E-200 (reference 1.2.1).

## 2.3 ELECTRICAL REQUIREMENTS

### 2.3.1 Power and Energy Requirements

- 2.3.1.1 The rotating beacon must operate using a nominal voltage of 12 volts, or 24 volts, or 48 volts direct current (DC).
- 2.3.1.2 The rotating beacon must operate within standard input ranges for the stated voltage.
- 2.3.1.3 The rotating beacon must provide for an optional alternating current (AC) to DC converter if requested by the CCG.

### **2.3.2 Protection Requirements**

- 2.3.2.1 The rotating beacon must be provided with reverse polarity protection and not experience damage if the power leads are connected in reverse polarity.
- 2.3.2.2 The rotating beacon must be provided with short-circuit protection with automatic reset.

### **2.3.3 Control**

- 2.3.3.1 The rotating beacon must provide a means of programming the flash characteristics by the CCG.
- 2.3.3.2 The rotating beacon must maintain its programmed setting for no less than 12 months unpowered (storage conditions).

## **2.4 ENVIRONMENT**

*The following requirements must be tested in accordance with MIL-STD-810G, IEC 60945, IEC60529 or an equivalent test plan submitted for approval.*

### **2.4.1 Temperature**

- 2.4.1.1 The rotating beacon must be capable of operating when exposed to temperatures ranging from -30 °C to +40 °C.

### **2.4.2 Humidity**

- 2.4.2.1 The rotating beacon must be capable of operating when exposed to relative humidity from 0% to 100% condensing.

### **2.4.3 Icing**

- 2.4.3.1 The rotating beacon must be capable of operating when exposed to ice loading up to 22 kg/m<sup>2</sup>.

### **2.4.4 Wind speed**

- 2.4.4.1 The rotating beacon must be capable of operating when exposed to wind speeds up to 160 km/h.

### **2.4.5 Electromagnetic interference**

- 2.4.5.1 The rotating beacon must not be susceptible to interference from radiating devices normally found in the marine environment when tested in accordance with IEC 60945 (reference 1.1.2).

### **2.4.6 Static discharge**

- 2.4.6.1 The rotating beacon must incorporate protection from static discharges and induced transient voltages on power leads that may occur due to nearby lightning strikes when tested in accordance with IEC 60945 (reference 1.1.2).

#### **2.4.7 Shock**

- 2.4.7.1 The rotating beacon must remain operational after a shock event as outlined in MIL-STD-810G Method 516.6 Procedure I – Functional Shock (reference 1.1.4).

#### **2.4.8 Immersion protection**

- 2.4.8.1 The rotating beacon must meet ingress protection of at least IP65 in accordance with IEC 60529:1989+AMD1:1999+AMD2:2013 and CSV/COR2:2015 (reference 1.1.1).

### **2.5 SERVICE LIFE**

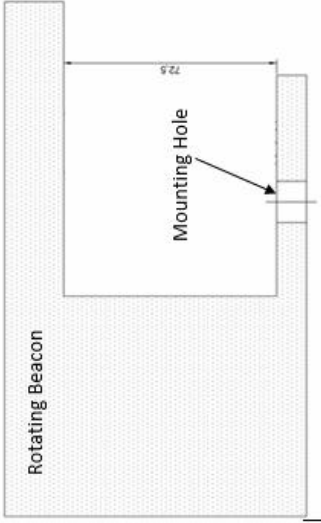
- 2.5.1 The light source must have a minimum  $L_{70}$  rating of 50 000 hours.
- 2.5.2 The expected deterioration over the service life of the light source must be presented in tabulated or graphed form.

### Section 3 REQUIREMENTS MATRIX

Reference	Requirement	Verification	Compliance	Results (pass/fail)
<b>3.1</b>	<b>General</b>			
<b>3.1.1</b>	<b>Fundamental Design</b>			
<b>3.1.1.1</b>	The Rotating Beacon must use LED(s) as a light source.	Data Submission	SD	
<b>3.1.1.2</b>	The Rotating Beacon must produce a flash through mechanical rotation of at least one optical element in order to create a “sweeping” light effect.	Data Submission	SD	
<b>3.1.2</b>	<b>Material</b>			
<b>3.1.2.1</b>	The rotating beacon must be made of materials which will not be subject to damage due to corrosion or rust during the life expectancy of the rotating beacon.	Data Submission	SD	
<b>3.1.3</b>	<b>Finish</b>			
<b>3.1.3.2</b>	Paint or coatings must be lead free.	Data Submission	SD	
<b>3.1.3.3</b>	The lens must maintain IALA colour requirements for no less than 8 years.	Data Submission	SD	
<b>3.1.3.4</b>	Ultraviolet exposure must cause minimal material breakdown of the housing so the unit maintain structural integrity for no less than 8 years.	Data Submission	SD	
<b>3.1.4</b>	<b>Protection from birds</b>			
<b>3.1.4.1</b>	Rotating beacons and their components must have a means of preventing birds from roosting on the beacon.	Data Submission	SD	
<b>3.1.5</b>	<b>Mounting provisions</b>			
<b>3.1.5.1</b>	The rotating beacon must have a mounting plate with pre-drilled holes to allow mounting to a flat surface with standard nuts and bolts.	Data Submission	SD	
<b>3.1.5.2</b>	The bottom of the rotating beacon base must be parallel to range light’s focal plane.	Data Submission	SD	



ROTATING BEACONS

Reference	Requirement	Verification	Compliance	Results (pass/fail)
	Any part of the rotating beacon that overhangs the mounting holes shall be no less than 72.5mm above the mounting foot to allow use of a 1 inch bolt and wrench. Refer to Figure 1.			
		Data Submission	SD	
3.1.5.3				
Figure 2 - Mounting Hole Clearance Requirement				
3.1.6	<b>Identification nameplate</b> The rotating beacon must have an identification nameplate with the following information:			
	<ul style="list-style-type: none"><li>Name of manufacturer</li><li>Model number</li><li>Serial number</li><li>Date of Manufacture</li><li>Rated Voltage/Amperage</li></ul>	Data Submission	SD	
3.1.6.1				
3.1.6.2	The identification nameplate must be indelible.	Data Submission	SD	
3.1.6.3	The identification nameplate must be located on the exterior of the unit.	Data Submission	SD	
3.2	<b>Optical Performance</b>			
3.2.1	<b>Nominal Range</b>			
3.2.1.1	The rotating beacon must have nominal range (using 0.74 for transmissivity):	Test	STD	

ROTATING BEACONS

Reference	Requirement	Verification	Compliance	Results (pass/fail)
	Category 1: 15nm – 20nm Category 2: 20nm – 25nm Category 3: >25nm			
3.2.1.2	The rotating beacon must have adjustable intensities.	Data Submission	SD	
3.2.2	<b>Vertical Divergence</b>			
3.2.2.1	The rotating beacon must have a vertical divergence of no less than 0.75° above the horizontal and 0.75° below the horizontal.	Test	STD	
3.2.2.2	The rotating beacon must have an optional model of beacon with a vertical divergence exceeding 2.5° above the horizontal and 2.5° below the horizontal	Test	STD	
3.2.2.3	The vertical divergence must be determined using the 50% point of rated intensity.			
3.2.3	<b>Flash characteristics</b>			
3.2.3.1	The rotating beacon must be capable of producing, but not limited to, the most common flashing (Fl.) characteristics: Fl 3s; Fl 5s; Fl 6s; Fl 7.5s; Fl 10s; Fl 15s.	Data Submission	SD	
3.2.4	<b>Signal colours</b>			
3.2.4.1	The light signal provided by green, red, white, and yellow beacons must fall within the chromaticity regions of IALA E-200 (reference 1.2.1). 90% of the CCG's rotating beacons are white, followed by 8% red, and 2% green.	Test	STD	
3.3	<b>Electrical Requirements</b>			
3.3.1	<b>Power and Energy Requirements</b>			
3.3.1.1	The rotating beacon must operate using a nominal voltage of 12 volts, or 24 volts, or 48 volts direct current (DC).	Data Submission	SD	
3.3.1.2	The rotating beacon must operate within standard input ranges for the stated voltage.	Data Submission	SD	
3.3.1.3	The rotating beacon must provide for an optional alternating current (AC) to DC converter if requested by the CCG.	Data Submission	SD	
3.3.2	<b>Protection Requirements</b>			
3.3.2.1	The rotating beacon must be provided with reverse polarity protection and not experience damage if the power leads are connected in reverse polarity.	Data Submission	SD	
3.3.2.2	The rotating beacon must be provided with short-circuit protection with automatic reset.	Data Submission	SD	
3.3.3	<b>Control</b>			

ROTATING BEACONS

Reference	Requirement	Verification	Compliance	Results (pass/fail)
3.3.3.1	The rotating beacon must provide a means of programming the flash characteristics by the CCG.	Data Submission	SOC	
3.3.3.2	The rotating beacon must maintain its programmed setting for no less than 12 months unpowered (storage conditions).	Data Submission	SOC	
3.4	<b>ENVIRONMENT</b>			
3.4.1	<b>Temperature</b>			
3.4.1.1	The rotating beacon must be capable of operating without deterioration when exposed to temperatures ranging from -30 °C to +40 °C.	Test	STD	
3.4.2	<b>Humidity</b>			
3.4.2.1	The rotating beacon must be capable of operating when exposed to relative humidity from 0% to 100% condensing.	Test	STD	
3.4.3	<b>Icing</b>			
3.4.3.1	The rotating beacon must be capable of operating when exposed to ice loading up to 22 kg/m <sup>2</sup> .	Data Submission / Test	SOC / STD	
3.4.4	<b>Wind Speed</b>			
3.4.4.1	The rotating beacon must be capable of operating when exposed to wind speeds up to 160 km/h.	Data Submission / Test	SOC / STD	
3.4.6	<b>Electromagnetic Interference</b>			
3.4.6.1	The rotating beacon must not be susceptible to interference from radiating devices when tested in accordance with IEC 60945.	Data Submission / Test	SOC / STD	
3.4.7	<b>Static Discharge</b>			
3.4.7.1	The rotating beacon must incorporate protection from static discharges and induced transient voltages on power leads that may occur due to nearby lightning strikes.	Data Submission / Test	SOC / STD	
3.4.9	<b>Immersion Protection</b>			

ROTATING BEACONS

Reference	Requirement	Verification	Compliance	Results (pass/fail)
3.4.9.1	The rotating beacon must meet ingress protection of at least IP65 in accordance with IEC 60529:1989+AMD1:1999+AMD2:2013 and CSV/COR2:2015.	Data Submission / Test	SOC / STD	
3.5	Service Life			
3.5.1	Rotating beacons LED(s) must have a minimum L70 rating of 50 000 hours.	Test	STD	
3.5.2	The expected deterioration over the service life of the rotating beacons must be presented in tabulated or graphed form.	Data Submission	SD	



Public Works and Government  
Services Canada

Travaux publics et Services  
gouvernementaux Canada

## Call-up Against a Standing Offer Commande subséquente à une offre à commandes

Ship to - Expédier à

Supplier - Fournisseur

**To the supplier:** The standing offer identified below is accepted as follows: You are required to supply the goods or services, or both, shown below at the prices or on the pricing basis stated and in accordance with the other conditions stated in the standing offer. Only goods or services, or both, included in the standing offer will be supplied in the call-up against the standing offer.

**Au fournisseur:** L'offre à commandes indiquée ci-dessous est acceptée selon les modalités suivantes : Vous devez fournir les biens ou les services, ou les deux, indiqués ci-dessous selon les prix ou la base de tarification établie, et conformément avec les autres conditions stipulées dans l'offre à commandes. Seuls les biens ou les services, ou les deux, inclus dans l'offre à commandes seront fournis dans la commande subséquente à l'offre à commandes.

**Security:** The call-up includes security provisions.

**Sécurité :** La demande comprend des exigences en matière de sécurité.

☐

NO  
NON

☐

YES  
OUI

If YES, attach a SRCL to the call-up  
Si OUI, joindre une LVERS à la demande

Invoices must be sent in accordance with - Les factures doivent être envoyées selon :

☐

The detailed instructions in the standing offer  
Les instructions détaillées dans l'offre à commandes

☐

The address shown in the "Ship to" block  
L'adresse indiquée dans la case « Expédier à »

☐

Special instructions below  
Les instructions particulières ci-dessous

Each shipment must be accompanied by a packing or delivery slip. All invoices, bills of lading and packing slips must show the following reference numbers.

Chaque expédition doit être accompagnée d'un bordereau d'emballage ou de livraison. Les factures, connaissements et bordereaux d'emballage doivent tous porter les numéros de référence suivants.

Financial Code(s) - Code financier(s)

Standing Offer No. - N° de l'offre à commandes

Requisition No. - N° de demande  
Order, Off. - Bur. dem. YY - AA Serial No. - N° de série

Client Reference No. (optional)  
N° de référence du client (facultatif)

The representative of the Identified User signing the call-up form must indicate his or her physical address. This address will constitute the address most connected with the supply and will determine, where applicable, the place of supply for this procurement.  
Le représentant de l'utilisateur désigné qui signe le formulaire de commande subséquente doit indiquer son adresse municipale, qui constituera l'adresse la plus associée à l'approvisionnement et qui déterminera, le cas échéant, le lieu d'approvisionnement pour cette commande.

Amendment No. N° de modification	Previous Value (\$) Valeur précédente (\$)	Value of increase or decrease (\$) Valeur de l'augmentation ou diminution (\$)	Total estimated expenditures or revised Total des dépenses estimatives ou révisées
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Item No. N° de l'article	NATO Stock No. / Item Description N° de nomenclature de l'OTAN / Description de l'article	U. of I. U. de d.	Quantity Quantité	Unit Price Prix unitaire (\$)	Extended Price Prix calculé (\$)

Special Instructions - Instructions particulières

Total

For further information, call - Pour renseignements supplémentaires, contacter		Delivery required by - Livraison requise le (YYYY-MM-DD) (AAAA-MM-JJ)	
Name - Nom	Telephone No. - N° de téléphone		
For internal purposes only - Pour usage interne seulement		Approved for the Minister - Approuvé pour le Ministre	
Pursuant to subsection 32(1) of the Financial Administration Act, funds are available. En vertu du paragraphe 32(1) de la Loi sur la gestion des finances publiques, des fonds sont disponibles.			
Signature (Mandatory - Obligatoire)	Date (YYYY-MM-DD - AAAA-MM-JJ)	Signature (Mandatory - Obligatoire)	Date (YYYY-MM-DD - AAAA-MM-JJ)

Canada

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