



**RETURN BIDS TO:**

**RETOURNER LES SOUMISSIONS À:**

Bid Receiving Public Works and Government  
Services Canada/Réception des soumissions Travaux  
publics et Services gouvernementaux Canada  
Pacific Region  
401 - 1230 Government Street  
Victoria, B.C.  
V8W 3X4  
Bid Fax: (250) 363-3344

**SOLICITATION AMENDMENT  
MODIFICATION DE L'INVITATION**

The referenced document is hereby revised; unless otherwise  
indicated, all other terms and conditions of the Solicitation  
remain the same.

Ce document est par la présente révisé; sauf indication contraire,  
les modalités de l'invitation demeurent les mêmes.

**Comments - Commentaires**

**Vendor/Firm Name and Address**  
Raison sociale et adresse du  
fournisseur/de l'entrepreneur

**Issuing Office - Bureau de distribution**  
Public Works and Government Services Canada - Pacific  
Region  
401 - 1230 Government Street  
Victoria, B. C.  
V8W 3X4

<b>Title - Sujet</b> CCGS J.P. Tully - Searchlights	
<b>Solicitation No. - N° de l'invitation</b> F1782-18C904/A	<b>Amendment No. - N° modif.</b> 001
<b>Client Reference No. - N° de référence du client</b> F1782-18C904	<b>Date</b> 2018-03-07
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$XLV-588-7470	
<b>File No. - N° de dossier</b> XLV-7-40218 (588)	<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 2018-04-17</b>	<b>Time Zone</b> <b>Fuseau horaire</b> Pacific Daylight Saving Time PDT
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Wulff, Gregor F.	<b>Buyer Id - Id de l'acheteur</b> xl588
<b>Telephone No. - N° de téléphone</b> (250) 217-7138 ( )	<b>FAX No. - N° de FAX</b> ( ) -
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

<b>Delivery Required - Livraison exigée</b>	<b>Delivery Offered - Livraison proposée</b>
<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 Security Requirements**

There is no security requirement associated with this bid solicitation.

### **1.2 Requirement**

The Department of Fisheries and Oceans - Canadian Coast Guard has a requirement to supply and deliver two (2) new Carlisle and Finch 1 kW Searchlights in accordance with Annex A - Statement of Requirements and delivered to Sidney, British Columbia on or before 15 July, 2018.

#### **1.2.1 Equivalent Product**

1. Products that are equivalent in form, fit, function and quality to the item(s) specified in the bid solicitation will be considered where the Bidder:
  - a. designates the brand name, model and/or part number of the substitute product;
  - b. states that the substitute product is fully interchangeable with the item specified;
  - c. provides complete specifications and descriptive literature for each substitute product;
  - d. provides compliance statements that include technical specifics showing the substitute product meets all mandatory performance criteria that are specified in the bid solicitation; and
  - e. clearly identifies those areas in the specifications and descriptive literature that support the substitute product's compliance with any mandatory performance criteria.
2. Products offered as equivalent in form, fit, function and quality will not be considered if:
  - a. the bid fails to provide all the information requested to allow the Contracting Authority to fully evaluate the equivalency of each substitute product; or
  - b. the substitute product fails to meet or exceed the mandatory performance criteria specified in the bid solicitation for that item.
3. In conducting its evaluation of the bids, Canada may, but will have no obligation to, request bidders offering a substitute product to demonstrate, at the sole cost of bidders, that the substitute product is equivalent to the item specified in the bid solicitation.

### **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 Trade Agreements**

The requirement is subject to the provisions of the Canada Free Trade Agreement (CFTA), and the North American Free Trade Agreement (NAFTA).

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## 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 (2017-04-27) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

### 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 on page 1 of the bid solicitation.

### 2.3 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than five (5) calendar days before the bid closing date. Enquiries received after that time may not be answered.

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

### 2.4 Applicable Laws

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

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

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## PART 3 - BID PREPARATION INSTRUCTIONS

### 3.1 Bid Preparation Instructions

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

Section I: Technical Bid – one hard copy  
Section II: Financial Bid – one hard copy  
Section III: Certifications – one hard copy

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

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

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

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

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

#### Section I: Technical Bid

The technical bid should address clearly and in sufficient depth the points that are subject to the evaluation criteria against which the bid will be evaluated. Simply repeating the statement contained in the bid solicitation is not sufficient. In order to facilitate the evaluation of the bid, Canada requests that Bidders address and present topics in the order of the evaluation criteria under the same headings. To avoid duplication, Bidders may refer to different sections of their bids by identifying the specific paragraph and page number where the subject topic has already been addressed.

#### Section II: Financial Bid

Bidders must submit their financial bid in accordance with **Annex C - Financial evaluation sheet**. The total amount of Applicable Taxes must be shown separately.

#### Section III: Certifications

Bidders must submit the certifications required under Part 5,

##### 3.1.1 Exchange Rate Fluctuation

The requirement does not offer exchange rate fluctuation risk mitigation. Requests for exchange rate fluctuation risk mitigation will not be considered. All bids including such provision will render the bid non-responsive.

##### 3.1.2 Mandatory Tender Deliverable Check List

Notwithstanding deliverable requirements specified anywhere else within this bid solicitation and its associated Requirement (Annex A), mandatory deliverables that must be submitted with the Bidder's tender to be deemed responsive are describe below.

**For details and to complete please refer to Annex E.**

## **PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION**

### **4.1 Evaluation Procedures**

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

#### **4.1.1 Technical Evaluation**

##### **(a) Mandatory Technical Criteria**

Mandatory Technical Criteria are given in Table E-1.0 of Annex E.

#### **4.1.2 Financial Evaluation**

The price of the bid will be evaluated in Canadian dollars in accordance with Annex C, Customs duties are included and the Goods and Services Tax or Harmonized Sales Tax is extra, if applicable.

#### **4.1.3 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. 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 *Ineligibility and Suspension Policy* (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Bidder must provide with its bid the required documentation, as applicable, to be given further consideration in the procurement process.

### 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 *Ineligibility and Suspension Policy* (<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 ([http://www.esdc.gc.ca/en/jobs/workplace/human\\_rights/employment\\_equity/federal\\_contractor\\_program.page?&\\_ga=1.229006812.1158694905.1413548969#afed](http://www.esdc.gc.ca/en/jobs/workplace/human_rights/employment_equity/federal_contractor_program.page?&_ga=1.229006812.1158694905.1413548969#afed)).

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 this Contract.

### 6.2 Requirement

The Department of Fisheries and Oceans - Canadian Coast Guard has a requirement to supply and deliver two (2) new Carlisle and Finch 1 kW Searchlights in accordance with Annex A - Statement of Requirements and delivered to Sidney, British Columbia on or before 15 July, 2018.

### 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 (2016-04-04), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

### 6.4 Term of Contract

#### 6.4.1 Delivery Date

All the deliverables must be received on or before **15 July, 2018.**

#### 6.4.2 Delivery location (INCOTERM 2000 DDP)

Institute of Ocean Sciences - Pat Bay  
9860 West Saanich Road  
Sidney, British Columbia, Canada  
V8L4B2  
Attn: -

The Contractor shall give the Departmental Representative at least two weeks' notice before the delivery of the modules to site.

#### 6.4.3 Preparation for Delivery

Preparation for delivery and packaging are to be to the highest manufacturer's standard for the mode of transportation utilized, to ensure safe arrival at final destination.

#### 6.4.4 Shipping Instructions – Delivered Duty Paid (DDP)

Goods must be consigned and delivered to the destination specified in the contract: Incoterms 2000 "DDP Delivered Duty Paid" to Sidney, BC, Canada.

### 6.5 Authorities

#### 6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Gregor Wulff  
Title: Supply Specialist



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Address: Acquisitions, Marine  
Public Works and Government Services Canada  
1230 Government Street, Suite 401  
Victoria, BC | Victoria, CB V8W 3X4 Canada  
Telephone: 250-217-7138  
Facsimile: 250-363-3960  
Email: [gregor.wulff@pwgsc-tpsgc.gc.ca](mailto:gregor.wulff@pwgsc-tpsgc.gc.ca)

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

### 6.5.2 Technical Authority

The Technical Authority will be identified in the Contract.

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

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

### 6.5.3 Contractor's Representative

The bidder is to provide a list of representatives responsible for the completion of the work.

**For details and to complete please refer to Annex D.**

## 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 firm unit prices, as specified in *Annex B*. Customs duties are *included* and Applicable Taxes are extra.

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

### 6.6.2 Single Payment

SACC Manual clause H1000C (2008-05-12), Single Payment

## 6.7 Invoicing Instructions

The Contractor must submit invoices in accordance with the section of the General Conditions titled Invoice Submission.

**Invoice is to be made out to:**  
Fisheries and Oceans, Canadian Coast Guard  
Marine Engineering  
9860 West Saanich Road  
PO Box 6000  
Sidney, British Columbia, Canada  
V8L4B2  
Attn: -

**Original invoice is to be sent for verification to:**  
Public Works and Government Services Canada  
Acquisitions, Marine  
401 - 1230 Government Street  
Victoria, B.C., V8W 3X4  
Attention: Gregor Wulff

## **6.8 Certifications**

### **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 \_\_\_\_\_.

**For details and to complete please refer to Annex D.**

## **6.10 Priority of Documents**

If there is a discrepancy between the wordings 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 (2016-04-04), General Conditions - Goods (Medium Complexity);
- (c) Annex A, Requirement
- (d) Annex B, Basis of Payment
- (e) The Contractor's bid dated \_\_\_\_\_.

## **6.11 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.

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F1782-18C904/A  
Client Ref. No. - N° de réf. du client  
F1782-18C904

Amd. No. - N° de la modif.  
File No. - N° du dossier  
XLV-7-40218

Buyer ID - Id de l'acheteur  
xlv588  
CCC No./N° CCC - FMS No./N° VME

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

**CCGS John P. Tully**  
**STATEMENT OF REQUIREMENT**  
**FOR**  
F1782-18C904 replacement searchlights  
**DATE REQUIRED:**

August 1, 2018

Prepared by:  
Marine Engineering Western Region  
P.O. Box 6000  
9860 W. Saanich Rd.  
Victoria BC  
V8L 4B2

## Safety and Security

### **10.1 SEARCHLIGHT REPLACEMENT**

#### **10.1.A** Intent

A.1 The intent of this statement of requirement is to procure two (2) new Carlisle and Finch 1kW searchlights complete with LED Flood Module and fitted for but not supplied with thermal imaging camera. Equivalent products will be considered provided they meet the technical criteria set forth below.

#### **10.1.B** References

B.1 Instruction manual and drawings of Carlisle and Finch Searchlights

B.2 Wiring Diagram of current searchlight arrangement

#### **10.1.C** Technical Description

C.1 The Contractor must supply the following:

<b><u>ITEM</u></b>	<b><u>QTY</u></b>	<b><u>PART #</u></b>	<b><u>DESCRIPTION &amp; SPECIFICATIONS</u></b>
<b>1</b>	2	CF-XE9666-HRF-SV	1000 Watt Xenon Searchlight with SmartVIEW electric base, anti-icing heater circuit, remote beam size focus and durable white power coat finish - includes 1 bulb
<b>2</b>	2	CF-1PS115	Electronic Power Supply for 1000 Watt Xenon Searchlight - 115 VAC / Single Phase
<b>3</b>	2	CF-15040-203113	SmartVIEW Controller Set up for 2 - IP Addressable Cameras
<b>4</b>	4	CF-C4-SV	SmartVIEW Joystick Controllers
<b>5</b>	2	CF-K15215X-1000	LED Hybrid with 24VDC Power Supply and SmartVIEW on/off
<b>6</b>	2	CF-V2441SX	Vibration Dampening Base

C.2 The Searchlights must both be fitted for mounting, but not supplied with: 2 x CF-NF14400X-1000 Medium Range FLIR Camera in top mounted housing – Fixed Focus or equivalent.

C.3 The supplied control station must be capable of being fitted with controls for the future installation of the indicated medium range FLIR camera

- 
- C.4 The cameras must be IP addressable via the SmartVIEW system.
- C.5 The searchlights must each be fitted with an LED hybrid module with 24VDC power supply capable of being switched on or off via the SmartVIEW controllers.
- C.6 The following criteria must be met to be consider equivalent:
- C.6.1 Xenon searchlight – remote controlled
  - C.6.2 Maximum power of 1000W, with a minimum of 80 million candle power (each light).
  - C.6.3 Beam Spread: Remote electronic adjust throughout a continuous spectrum from 1 to 20 degrees.
  - C.6.4 Manual beam size focus knob: External knob on the searchlight head to allow operator to widen and narrow beam manually with no tools required.
  - C.6.5 Full manual safety back-up: Should any motor fail all three operator functions must be able to be performed immediately in manual mode with no tools required.
  - C.6.6 Movement mechanisms are to be made from brass or non-corrosive metal. Plastic or nylon gears are not acceptable.
  - C.6.7 Horizontal movement: Must be able to move horizontally in the same direction beyond 360 degrees.
  - C.6.8 Vertical movement: +/- 35 degrees
  - C.6.9 Horizontal beam movement speed must be a minimum of 25 degrees per second at full speed with proportional speed control via the joysticks.
  - C.6.10 Bullet-Resistant reflector made of Nickel material.
  - C.6.11 The beam speed and beam aiming functions must be controlled through the movement of proportional speed joysticks providing single hand operator control.
  - C.6.12 The units must have multi-electronic board safety back-up within the electronic ballast so that if one board fails the searchlight still provides a beam in back up mode.
  - C.6.13 Rear and front entry into the searchlight head for maintenance must be able to be accomplished manually with no tools required.
  - C.6.14 Suitable for operation in -25 degrees Celsius to +45 degrees Celsius ambient temperatures.

- C.6.15 The searchlights must have protection against electromagnetic interference.
- C.6.16 Anti-Icing Heaters: Thermostatically activated heaters located in the base, rack and both arm pivot points.
- C.6.17 LED Hybrid feature: Integrated LED's must provide an evenly spread beam, 150 meters wide and 230 meters long with the LED off/on switch integrated into the same panel as the xenon searchlight beam functions.
- C.6.18 All components must be resistant to salt water corrosion.
- C.6.19 The searchlight must meet or exceed IP56 Standards.
- C.6.20 The control system must be digital with IP addressable joysticks.
- C.6.21 The joysticks at each station must be capable of controlling either searchlight by selecting one or the other.
- C.6.22 The control elements (motor controllers and starters) must be remotely located from the searchlights.

#### **10.1.D** Proof of Performance

##### **D.1 Deliverables**

- D.1.1 The contractor must deliver the searchlights and all components by August 1, 2018.

##### **D.2 Inspection Points**

- D.2.1 Canada will inspect the searchlight for damage upon delivery.

##### **D.3 Tests/Trials**

- D.3.1 N/A

##### **D.4 Documentation**

- D.4.1 Manuals, parts diagrams, and drawings for installation and maintenance must be provided to Canada. 1 hard copy must be provided along with USB key.

##### **D.5 Training**

- D.5.1 N/A

## ANNEX B - BASIS OF PAYMENT

*Remark to Bidder: Annex B will form the Basis of Payment for the resulting contract and should not be filled in at the bid submission stage.*

### B1. Contract Price

Item	Qty	Part #	DESCRIPTION	PRICE
A	2	CF-XE9666-HRF-SV Equivalent part # _____	1000 Watt Xenon Searchlight with SmartVIEW electric base, anti-icing heater circuit, remote beam size focus and durable white power coat finish - includes 1 bulb  <b>for a FIRM PRICE of (\$CAD):</b>	\$
B	2	CF-1PS115 Equivalent part # _____	Electronic Power Supply for 1000 Watt Xenon Searchlight - 115 VAC / Single Phase  <b>for a FIRM PRICE of (\$CAD):</b>	\$
C	2	CF-15040-203113 Equivalent part # _____	SmartVIEW Controller Set up for 2 - IP Addressable Cameras  <b>for a FIRM PRICE of (\$CAD):</b>	\$
D	4	CF-C4-SV Equivalent part # _____	SmartVIEW Joystick Controllers  <b>for a FIRM PRICE of (\$CAD):</b>	\$
E	2	CF-K15215X-1000 Equivalent part # _____	LED Hybrid with 24VDC Power Supply and SmartVIEW on/off  <b>for a FIRM PRICE of (\$CAD):</b>	\$
F	2	CF-V2441SX Equivalent part # _____	Vibration Dampening Base  <b>for a FIRM PRICE of (\$CAD):</b>	\$

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File No. - N° du dossier  
XLV-7-40218

Buyer ID - Id de l'acheteur  
xl5588  
CCC No./N° CCC - FMS No./N° VME

G			Preparation and Delivery – Incoterms 2000 "DDP Delivered Duty Paid" to Sidney, British Columbia, Canada.  <b>for a FIRM PRICE of (\$CAD):</b>	\$
H			<b>Total Price Applicable Taxes Excluded</b> [A+B+C+D+E+F+G]:  <b>for a FIRM PRICE of (\$CAD):</b>	\$
		<b>DELIVERY OFFERED FROM RECEIPT OF ORDER on or before 15 July, 2018.</b>		



## ANNEX C – FINANCIAL EVALUATION SHEET

### Bidder's Instructions

The bidder is to enter their pricing in the pricing schedule below.  
The bidder should NOT include their terms and conditions with their financial bid submission as it may result in the bid being non-responsive.

### C.1 Pricing Schedule

Item	Qty	Part #	DESCRIPTION	PRICE
A	2	CF-XE9666-HRF-SV Equivalent part # _____	1000 Watt Xenon Searchlight with SmartVIEW electric base, anti-icing heater circuit, remote beam size focus and durable white power coat finish - includes 1 bulb  <b>for a FIRM PRICE of (\$CAD):</b>	\$ _____
B	2	CF-1PS115 Equivalent part # _____	Electronic Power Supply for 1000 Watt Xenon Searchlight - 115 VAC / Single Phase  <b>for a FIRM PRICE of (\$CAD):</b>	\$ _____
C	2	CF-15040-203113 Equivalent part # _____	SmartVIEW Controller Set up for 2 - IP Addressable Cameras  <b>for a FIRM PRICE of (\$CAD):</b>	\$ _____
D	4	CF-C4-SV Equivalent part # _____	SmartVIEW Joystick Controllers  <b>for a FIRM PRICE of (\$CAD):</b>	\$ _____
E	2	CF-K15215X-1000 Equivalent part # _____	LED Hybrid with 24VDC Power Supply and SmartVIEW on/off  <b>for a FIRM PRICE of (\$CAD):</b>	\$ _____
F	2	CF-V2441SX Equivalent part # _____	Vibration Dampening Base  <b>for a FIRM PRICE of (\$CAD):</b>	\$ _____
G			Preparation and Delivery – Incoterms 2000 "DDP Delivered Duty Paid" to Sidney, British Columbia, Canada.  <b>for a FIRM PRICE of (\$CAD):</b>	\$ _____
H			<b>Total Price for Evaluation Applicable Taxes Excluded [A+B+C+D+E+F+G]:</b> <b>for a FIRM PRICE of (\$CAD):</b>	\$ _____
<b>DELIVERY OFFERED FROM RECEIPT OF ORDER on or before 15 July, 2018.</b>				

## ANNEX D – TENDER DELIVERABLES

### D.1 Mandatory Tender Deliverables Checklist

The following are mandatory with the bid and the Bidder's submission will be evaluated against the requirement as defined herein. The Bidder must be determined to be compliant on each item to be considered responsive.

No	Solicitation Part	Reference	Description	Document provided
1	Front page	Front page	<u>Request for Proposal</u> document part 1 page 1 completed and signed;	<input type="checkbox"/>
2	3	Article 3.1 Section I	Technical Bid Submission	<input type="checkbox"/>
3	3	Article 3.1 Section II, Annex C	Financial Evaluation Sheet, completed	<input type="checkbox"/>
4	6	Table E-1.0 Annex E	Mandatory Technical Criteria	<input type="checkbox"/>

### D.2. Supporting Deliverable Requirements

If the following information which supports the bid is not submitted with the Bid; it may be requested by the Contracting Authority, and it must be provided within 48 hours of the written request:

No	Reference to Solicitation	Description	Condition	Document provided
1	Article 6.5.3, Annex D 2.1	Contractor's Representatives, table completed	48 hrs of written request	<input type="checkbox"/>
2	Article 6.9, Annex D 2.2	Applicable Laws	48 hrs of written request	<input type="checkbox"/>
3	Article 5.2.1	Integrity Provisions – List of Directors' Names, completed	48 hrs of written request	<input type="checkbox"/>

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xl5588  
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**D.2.1 Contractor's Representatives**

The bidder is to complete table below and submit with their bid.

Contact for:	Name	Telephone	Email
Contracting issues			
Technical issues			
Invoicing issues			

**D.2.2 Applicable Laws**

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

## **ANNEX E – MANDATORY TECHNICAL CRITERIA**

The Mandatory Technical Criteria are detailed in **Table E-1.0 Minimum Mandatory Requirements**. Mandatory Criteria will be assigned either a meet or not meet by the evaluation team. Any Bid which fails to comply with any Mandatory Criterion will be declared non-responsive.

### **Table E-1.0 Minimum Mandatory Requirements**

The bidder must use the Statement of Requirement Annex “A” numbering sequence for the tables below.

The Bidder should provide, as part of its Technical Proposal, all documents essential to demonstrate compliance with each technical mandatory requirement, including, without limitation, photographs, maps, drawings, calculations, Original Equipment Manufacturer (OEM) specifications, documents, purchase orders (less cost data), job or Quality Control or Quality Assurance record sheets, personnel resumes, current trade certificates and, other such evidence.

The Bidder itself should meet the requirements of each evaluation item listed below, except as otherwise expressly provided in the evaluation item. If an evaluation item expressly provides that it or any element of it may be met by a subcontractor to the Bidder, then the Bidder must provide documented evidence of such compliance by its subcontractor. In that event, the Bidder must also provide evidence that it has a binding commitment with that subcontractor under which the subcontractor will perform services under subcontract with the Bidder under any contract issued pursuant to this RFP, and that such services are of the same type as are specified in the relevant evaluation item.

<b>Spec #</b>	<b>Criterion</b>	<b>Criterion Met / Criterion Not Met</b>	<b>Bid Reference</b>	<b>Comments</b>
C.2	The Searchlights must both be fitted for mounting, but not supplied with: 2 x CF-NF14400X-1000 Medium Range FLIR Camera in top mounted housing – Fixed Focus or equivalent.			
C.3	The supplied control station must be capable of being fitted with controls for the future installation of the indicated medium range FLIR camera.			
C.4	The cameras must be IP addressable via the SmartVIEW system.			
C.5	The searchlights must each be fitted with an LED hybrid module with 24VDC power supply capable of being switched on or off via the SmartVIEW controllers.			
	<b>The following criteria must be met to be consider equivalent: bidder must clearly describe how they meet the requirement</b>			
C.6.1	Xenon searchlight – remote controlled			
C.6.2	Maximum power of 1000W, with a minimum of 80 million candle power (each light).			
C.6.3	Beam Spread: Remote electronic adjust throughout a continuous spectrum from 1 to 20 degrees.			
C.6.4	Manual beam size focus knob: External knob on the searchlight head to allow operator to widen and narrow beam manually with no tools required.			
C.6.5	Full manual safety back-up: Should any motor fail all three operator functions must be able to be performed immediately in manual mode with no tools required.			

<b>Spec #</b>	<b>Criterion</b>	<b>Criterion Met / Criterion Not Met</b>	<b>Bid Reference</b>	<b>Comments</b>
C.6.6	Movement mechanisms are to be made from brass or non-corrosive metal. Plastic or nylon gears are not acceptable.			
C.6.7	Horizontal movement: Must be able to move horizontally in the same direction beyond 360 degrees.			
C.6.8	Vertical movement: +/- 35 degrees			
C.6.9	Horizontal beam movement speed must be a minimum of 25 degrees per second at full speed with proportional speed control via the joysticks.			
C.6.10	Bullet-Resistant reflector made of Nickel material.			
C.6.11	The beam speed and beam aiming functions must be controlled through the movement of proportional speed joysticks providing single hand operator control.			
C.6.12	The units must have multi-electronic board safety back-up within the electronic ballast so that if one board fails the searchlight still provides a beam in back up mode.			
C.6.13	Rear and front entry into the searchlight head for maintenance must be able to be accomplished manually with no tools required.			
C.6.14	Suitable for operation in -25 degrees Celsius to +45 degrees Celsius ambient temperatures.			
C.6.15	The searchlights must have protection against electromagnetic interference.			

<b>Spec #</b>	<b>Criterion</b>	<b>Criterion Met / Criterion Not Met</b>	<b>Bid Reference</b>	<b>Comments</b>
C.6.16	Anti-Icing Heaters: Thermostatically activated heaters located in the base, rack and both arm pivot points.			
C.6.17	LED Hybrid feature: Integrated LED's must provide an evenly spread beam, 150 meters wide and 230 meters long with the LED off/on switch integrated into the same panel as the xenon searchlight beam functions.			
C.6.18	All components must be resistant to salt water corrosion.			
C.6.19	The searchlight must meet or exceed IP56 Standards.			
C.6.20	The control system must be digital with IP addressable joysticks.			
C.6.21	The joysticks at each station must be capable of controlling either searchlight by selecting one or the other.			
C.6.22	The control elements (motor controllers and starters) must be remotely located from the searchlights.			