



**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**

**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**

**Special Projects/Projets Spéciaux**

**Terrasses de la Chaudière 4th Floor**

**10 Wellington Street**

**Gatineau**

**Québec**

**K1A 0S5**

<b>Title - Sujet</b> aerial surveillance services	
<b>Solicitation No. - N° de l'invitation</b> FP859-160059/C	<b>Amendment No. - N° modif.</b> 008
<b>Client Reference No. - N° de référence du client</b> FP859-160059	<b>Date</b> 2018-06-28
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$ZL-107-33454	
<b>File No. - N° de dossier</b> 107zl.FP859-160059	<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 2018-07-12</b>	
<b>Time Zone</b> <b>Fuseau horaire</b> Eastern Daylight Saving Time EDT	
<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> Campbell, Jeff	<b>Buyer Id - Id de l'acheteur</b> 107zl
<b>Telephone No. - N° de téléphone</b> (613) 858-8846 ( )	<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/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

Solicitation No. - N° de l'invitation  
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Client Ref. No. - N° de réf. du client  
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Amd. No. - N° de la modif.  
**008**  
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Buyer ID - Id de l'acheteur  
**107zl**  
CCC No./N° CCC - FMS No./N° VME

The purpose of this amendment is to:

- 1) Address questions posed concerning the solicitation.
- 2) Make changes to Attachment 1 to Part 3 – Pricing Schedule.
- 3) Make changes to Annex A, Statement of Work.

1. Response to questions:

Questions	Reference	Answers:
1. For the round orange fishing buoy 24 inches in circumference x 8 inches high, made of high density plastic; can DFO provide the radar cross section (RCS) for the round orange fishing buoy as defined in SOW?	SOW 12.1.2.1.2 and 12.1.6 Table 2 first row	The radar cross section for the round orange fishing buoy is 0.033 m <sup>2</sup> .  Reference: <a href="http://www.rfwireless-world.com/calculators/Radar-RCS-calculator.html">http://www.rfwireless-world.com/calculators/Radar-RCS-calculator.html</a>
2. Please confirm that the continuous search function is not a requirement of the EO/IR system, but a requirement for a separate search system instead of the EO/IR sensor.	SOW 12.2.2.5, 12.2.2.9.	The wide area search sensor system is a requirement to conduct patrols in various levels of darkness, to covertly locate fishing vessels inside closed areas and also to conduct search and assist missions.  The EOIR system is composed of:  a. Turret Sensors mounted in a steerable turret include the Visible sensors and the Mid-wave infrared sensors (including SWIR). The turret is steerable 360 deg in azimuth and +90 deg to - 120 deg in elevation.  b. Wide area search sensors are mounted separately from the turret, with limited pointing capability to optimize the search performance: the search sensor(s) elevation pointing angle must be adjustable in-flight to maximize the search swath given the target size and the altitude.

Questions	Reference	Answers:
		c. The turret sensors and the wide area search sensors are electronically integrated to function as a whole in-flight, during the search, using a moving-map.
<p>3. Is the search system referenced in SOW article referring to the EO/IR sensor or a separate search system such as the radar?</p> <p>If it is referring to the radar system, should the requirements within SOW 12.2.2.10 be included in the section covering the search radar (SOW 12.1)?</p>	<p>SOW 12.2.2.10</p>	<p>Article 12.2.2.10 is in reference to the wide area search function described in 12.2.2.9.</p> <p>Please refer to response #2.</p>
<p>4. Is it acceptable for the Contractor to supply, on each aircraft, an airborne long range 360-degree free of obstruction multi-mode search radar system that attains the full 360-degree free of obstruction capability when operated alone, but may have an obstruction when the EO/IR sensor is deployed?</p>	<p>SOW 12.1.1</p>	<p>No, it is not acceptable.</p> <p>C&amp;P requires all sensors to work simultaneously without obstruction to support successful prosecutions.</p>
<p>5. Please clarify the statement: "Largest wide FOV horizontal = 25 degrees". Does this mean that the wide FOV horizontal cannot exceed 25 degrees?</p>	<p>SOW 12.2.2.7.4 and 12.2.2.8.2.</p>	<p>In both Articles 12.2.2.7.4., and 12.2.2.8.2., the largest wide field of view (FOV) visible horizontal must be 25 degrees or greater.</p>
<p>6. Please clarify the reference to Section 16.8.3 as it is currently the same paragraph.</p>	<p>SOW 16.8.3</p>	<p>C&amp;P requires the Contractor identify in their training plan, processes and capabilities, to meet the training requirements as described in section 16.8.2.</p> <p>Please see number 3 for the amended clause.</p>
<p>7. Would Canada consider extending the transition period from 12 months to 18 months from date of award of contract to accommodate delivery timeframe of specialized equipment and its installation.</p>	<p>RFP</p>	<p>The start of services date of 1 September 2019 may be delayed to accommodate up to 18 months, for the Transition Period. In the event the winning bidder does not require the full-18 month transition period, the start date may be adjusted accordingly or remain 1 September 2019.</p>

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## 2. Attachment 1 to Part 3 – Pricing Schedule

Delete tables 3 and 4.

Insert: Table 3

### Two (2) Fixed Wing Longer Range Aircraft

	A	B	D
Range	Flying Hours for Evaluation Purposes	Firm Rate per flying hour - one aircraft	Flying Hours Price = A x B
<b>Year 1 - Award to August 31, 2019 -- TRANSITION PERIOD</b>			
<b>Contract: Year 2 -- September 1, 2019 - March 31, 2020</b>			
Minimum for 7 months	1,168.0	\$	\$
Between 1,168 and 1,752 hours	584.0	\$	\$
between 1,752 and 2,336 hours	584.0	\$	\$
Sub-total Estimated Flying Price =	2,336.0		\$
<b>Estimated Flying Price 7 months =</b>	<b>2,336.0</b>		\$
<b>Contract: Year 3 to Year 6 -- April 1, 2020 - March 31, 2024</b>			
Annual minimum 2,000 hours	2,000.0	\$	\$
Between 2,000 and 3,000 hours	1,000.0	\$	\$
between 3,000 and 4,000 hours	1,000.0	\$	\$
Sub-total Estimated Flying Price =	4,000.0	\$	\$
<b>Estimated Flying Price for 4 years =</b>	<b>16,000.0</b>		\$
<b>Option 1: Year 7 to Year 9 -- April 1, 2024 - March 31, 2027</b>			
Annual minimum 2,000 hours	2,000.0	\$	\$
Between 2,000 and 3,000 hours	1,000.0	\$	\$
between 3,000 and 4,000 hours	1,000.0	\$	\$
Sub-total Estimated Flying Price =	4,000.0	\$	\$
<b>Estimated Flying Price for 3 years =</b>	<b>12,000.0</b>		\$
<b>Option 2: Year 10 to Year 11 -- April 1, 2027 - March 31, 2029</b>			
Annual minimum 2,000 hours	2,000.0	\$	\$
Between 2,000 and 3,000 hours	1,000.0	\$	\$
between 3,000 and 4,000 hours	1,000.0	\$	\$

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**107zl**  
 CCC No./N° CCC - FMS No./N° VME

Sub-total Estimated Flying Price =	4,000.0		\$
<b>Estimated Flying Price for 2 years =</b>	<b>8,000.0</b>		\$
<b>Grand Total Estimated Flying Hours Price for Year 2 to Year 11 =</b>	<b>38,336.0</b>		\$

Insert Table 4:

**FP859-16-0059**

**Fisheries Aerial Surveillance & Enforcement Program**

Table 4

**Two (2) Fixed Wing Medium Range Aircraft**

	A	B	D
Range	Flying Hours for Evaluation Purposes	Firm Rate per flying hour - one aircraft	Flying Hours Price = (A) x (B)
<b>Year 1 - Award to August 31, 2019 -- TRANSITION PERIOD</b>			
<b>Contract: Year 2 -- September 1, 2019 - March 31, 2020</b>			
Minimum for 7 months	1,168.0	\$	\$
Between 1,168 and 1,752 hours	584.0	\$	\$
between 1,752 and 2,336 hours	584.0	\$	\$
Sub-total Estimated Flying Price =	2,336.0	\$	\$
<b>Estimated Flying Price 7 months =</b>	<b>2,336.0</b>		\$
<b>Contract: Year 3 to Year 6 -- April 1, 2020 - March 31, 2024</b>			
Annual minimum 2,000 hours	2,000.0	\$	\$
Between 2,000 and 3,000 hours	1,000.0	\$	\$
between 3,000 and 4,000 hours	1,000.0	\$	\$
Sub-total Estimated Flying Price =	4,000.0	\$	\$
<b>Estimated Flying Price for 4 years =</b>	<b>16,000.0</b>		\$
<b>Option 1: Year 7 to Year 9 -- April 1, 2024 - March 31, 2027</b>			
Annual minimum 2,000 hours	2,000.0	\$	\$
Between 2,000 and 3,000 hours	1,000.0	\$	\$

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FP859-160059/C

Client Ref. No. - N° de réf. du client

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File No. - N° du dossier

107zl. FP859-160059

Buyer ID - Id de l'acheteur

107zl

CCC No./N° CCC - FMS No./N° VME

between 3,000 and 4,000 hours	1,000.0	\$	\$
Sub-total Estimated Flying Price =	4,000.0		\$
<b>Estimated Flying Price for 3 years =</b>	<b>12,000.0</b>		\$
Option 2: Year 10 to Year 11 -- April 1, 2027 - March 31, 2029			
Annual minimum 2,000 hours	2,000.0	\$	\$
Between 2,000 and 3,000 hours	1,000.0	\$	\$
between 3,000 and 4,000 hours	1,000.0	\$	\$
Sub-total Estimated Flying Price =	4,000.0		\$
<b>Estimated Flying Price for 2 years =</b>	<b>8,000.0</b>		\$
<b>Grand Total Estimated Flying Hours Price for Year 2 to Year 11 =</b>	<b>38,336.0</b>		\$

### 3. ANNEX A, STATEMENT OF WORK

Delete 16.8.3:

C&P requires the Contractor identify in their training plan, processes and capabilities, to meet training requirements as described in Section 16.8.3, for all C&P personnel throughout the duration of the contract.

Insert 16.8.3:

C&P requires the Contractor identify in their training plan, processes and capabilities, to meet training requirements as described in Section 16.8.2, for all C&P personnel throughout the duration of the contract.

**ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME**