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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 Floo
10 Wellington Street
Gatineau
Québec
K1A 0S5

Title - Sujet aerial surveillance services	
Solicitation No. - N° de l'invitation FP859-160059/C	Amendment No. - N° modif. 008
Client Reference No. - N° de référence du client FP859-160059	Date 2018-06-28
GETS Reference No. - N° de référence de SEAG PW-\$\$ZL-107-33454	
File No. - N° de dossier 107zl.FP859-160059	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2018-07-12	Time Zone Fuseau horaire Eastern Daylight Saving Time EDT
F.O.B. - F.A.B.	
Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Campbell, Jeff	Buyer Id - Id de l'acheteur 107zl
Telephone No. - N° de téléphone (613) 858-8846 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	

Instructions: See Herein

Instructions: Voir aux présentes

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

Solicitation No. - N° de l'invitation
FP859-160059/C
 Client Ref. No. - N° de réf. du client
FP859-160059

Amd. No. - N° de la modif.
008
 File No. - N° du dossier
107zl. FP859-160059

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:
<p>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?</p>	<p>SOW 12.1.2.1.2 and 12.1.6 Table 2 first row</p>	<p>The radar cross section for the round orange fishing buoy is 0.033 m².</p> <p>Reference: http://www.rfwireless-world.com/calculators/Radar-RCS-calculator.html</p>
<p>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.</p>	<p>SOW 12.2.2.5, 12.2.2.9.</p>	<p>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.</p> <p>The EOIR system is composed of:</p> <p>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.</p> <p>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.</p>

Questions	Reference	Answers:
		<p>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>
<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&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&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>

Solicitation No. - N° de l'invitation
 FP859-160059/C
 Client Ref. No. - N° de réf. du client
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 008
 File No. - N° du dossier
 107zl. FP859-160059

Buyer ID - Id de l'acheteur
 107zl
 CCC No./N° CCC - FMS No./N° VME

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
Year 1 - Award to August 31, 2019 -- TRANSITION PERIOD			
Contract: Year 2 -- September 1, 2019 - March 31, 2020			
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		\$
Estimated Flying Price 7 months =	2,336.0		\$
Contract: Year 3 to Year 6 -- April 1, 2020 - March 31, 2024			
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	\$	\$
Estimated Flying Price for 4 years =	16,000.0		\$
Option 1: Year 7 to Year 9 -- April 1, 2024 - March 31, 2027			
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	\$	\$
Estimated Flying Price for 3 years =	12,000.0		\$
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	\$	\$

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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

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

Insert Table 4:

FP859-16-0059
Fisheries Aerial Surveillance & Enforcement Program

Table 4

Two (2) Fixed Wing Medium Range Aircraft

Range	A Flying Hours for Evaluation Purposes	B Firm Rate per flying hour - one aircraft	D Flying Hours Price = (A) x (B)
Year 1 - Award to August 31, 2019 -- TRANSITION PERIOD			
Contract: Year 2 -- September 1, 2019 - March 31, 2020			
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	\$	\$
Estimated Flying Price 7 months =	2,336.0		\$
Contract: Year 3 to Year 6 -- April 1, 2020 - March 31, 2024			
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	\$	\$
Estimated Flying Price for 4 years =	16,000.0		\$
Option 1: Year 7 to Year 9 -- April 1, 2024 - March 31, 2027			
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
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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		\$
Estimated Flying Price for 3 years =	12,000.0		\$
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		\$
Estimated Flying Price for 2 years =	8,000.0		\$
Grand Total Estimated Flying Hours Price for Year 2 to Year 11 =	38,336.0		\$

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