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Québec
Québec
G1J 0C7

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
TPSGC/PWGSC
601-1550, Avenue d'Estimauville
Québec
Québec
G1J 0C7

Title - Sujet Plateformes imagerie hyperspectrale	
Solicitation No. - N° de l'invitation W7701-166147/A	Amendment No. - N° modif. 002
Client Reference No. - N° de référence du client W7701-166147	Date 2016-09-14
GETS Reference No. - N° de référence de SEAG PW-\$QCL-028-16848	
File No. - N° de dossier QCL-5-38299 (028)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2016-10-11	
Time Zone Fuseau horaire Heure Avancée de l'Est HAE	
F.O.B. - F.A.B. Specified Herein - Précisé dans les présentes	
Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input checked="" type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Roy, Josée	Buyer Id - Id de l'acheteur qc1028
Telephone No. - N° de téléphone (418) 649-2932 ()	FAX No. - N° de FAX (418) 648-2209
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

Amendment 002

You will find below the amendment 002 to the Request for Proposal

Amendment 002 includes:

- 1- Questions / Answers 12 of 12
2. Amendment of point 1 in Part 6
- 3- Amendment of point 1 in Annex B

1- Questions / Answers 12 of 12

Question 12:

I have some questions regarding the engineering resource category in the "Scientific and Engineering Work for the Development of Hyperspectral Imaging Platforms" solicitation: (W7701-166147)

In Part 6, section 1.1 (pages 21 and 22), the Engineer in algorithm development and the Engineer in algorithm implementation are listed as separate resources (letters N and O, respectively). These two resources are again listed separately in the "2- Engineering Category" table found in Annex B on page 52 as proposed resources e and f, respectively. However, in Attachment 2, section "2 Technical Rated Criteria", table item 2.4.5 (page 79) gives only one algorithm Engineer and it has both Development and Implementation duties listed.

Should the Engineer in algorithm development and the Engineer in algorithm implementation be considered as separate resources, and if so, should item 2.4.5 be split into two categories each with their own points? Or is item 2.4.5 correct that there is only one Engineer for both algorithm development and implementation with just the one set of points, and the previous lists showing these as two resources be corrected?

Answer 12:

The criterion 2.4.5 of attachment 2 "Technical Rated Criteria" is correct. There is only one type of engineer named: **Engineer in Development and Implementation of Signal Processing and Image Processing Algorithms**. Part 6 of section 1.1 (pages 21 and 22) shall be modified by replacing point N: "N. Engineer in algorithm development for image processing and signal processing» by: "Engineer in Development and Implementation of Signal Processing and Image Processing Algorithms" and eliminate point O. The points **E** and **F** of **annex B** under the section 2- Engineering category shall also be modified by eliminating point F and replacing point E: "**Engineer in Development and Implementation of Signal Processing and Image Processing Algorithms**" by: "Engineer in Development and Implementation of Signal Processing and Image Processing Algorithms"

Point 2.4.5 off attachment 2 shall not be modified.

2- In Part 6, point 1 "Safety Requirement" is replaced by

1. Security Requirement

1. Before award of a contract, the following conditions must be met:

- (a) the Bidder must hold a valid organization security clearance as indicated in Part 7 - Resulting Contract Clauses;
- (b) the Bidder's proposed individuals requiring access to classified or protected information, assets or sensitive work site(s) must meet the security requirement as indicated in Part 7 - Resulting Contract Clauses;

Before the award of a Contract, the Bidder(s) must meet the following minimum security requirements:

For the bidder with the highest combined rating according to the basis of selection:

- i. The proposed individuals for the Firm part of the Work must have a current "Secret" security screening level;

And

- ii. at least one proposed resources in each of the following categories must have a current "Secret" security screening level:
 - A. Specialist in radiative transfer in the Earth's atmosphere;
 - B. Specialist in atmospheric correction of hyperspectral images;
 - C. Specialist in image processing;
 - D. Specialist in signal processing;
 - E. Specialist in target and gas detection in hyperspectral imaging;
 - F. Specialist in optics;
 - G. Specialist in optoelectronics;
 - H. Specialist in radiometry;
 - I. Specialist in spectrometry;
 - J. Engineer in C++ or C# language programming;
 - K. Engineer in graphical user interface development in Windows;
 - L. Engineer in analog electronics;
 - M. Engineer in digital electronics;
 - N. Engineer in Development and Implementation of Signal Processing and Image Processing Algorithms**
 - O. Engineer in optical design;
 - P. Engineer in experimentation organization and design for remote sensing;
 - Q. Technician in electronics, optics or physics;
 - R. Technician in mechanics, mechanical design or mechanical Manufacturing;
 - S. Project Manager.

For the bidder with the second highest combined rating according to the basis of selection:

- i. at least one proposed resources in each of the following categories must have a current "Secret" security screening level:
 - A. Specialist in radiative transfer in the Earth's atmosphere;
 - B. Specialist in atmospheric correction of hyperspectral images;
 - C. Specialist in image processing;
 - D. Specialist in signal processing;
 - E. Specialist in target and gas detection in hyperspectral imaging;
 - F. Specialist in optics;
 - G. Specialist in optoelectronics;
 - H. Specialist in radiometry;
 - I. Specialist in spectrometry;
 - J. Engineer in C++ or C# language programming;
 - K. Engineer in graphical user interface development in Windows;
 - L. Engineer in analog electronics;
 - M. Engineer in digital electronics;
 - N. Engineer in Development and Implementation of Signal Processing and Image Processing Algorithms;**
 - O. Engineer in optical design;
 - P. Engineer in experimentation organization and design for remote sensing;
 - Q. Technician in electronics, optics or physics;
 - R. Technician in mechanics, mechanical design or mechanical Manufacturing;
 - S. Project Manager.
- (c) the Bidder must provide the name of all individuals who will require access to classified or protected information, assets or sensitive work sites.
2. Bidders are reminded to obtain the required security clearance promptly. Any delay in the award of a contract to allow the successful bidder to obtain the required clearance will be at the entire discretion of the Contracting Authority.
3. For additional information on security requirements, bidders should consult the "Security Requirements for PWGSC Bid Solicitations - Instructions for Bidders" (<http://www.tpsgc-pwgsc.gc.ca/app-acq/lc-pl/lc-pl-eng.html#a31>) document on the Departmental Standard Procurement Documents website.

3- In Annex B, point 1 "Labour" is replaced by

1. **LABOUR:** Firm all-inclusive rates (including profit and overhead), Applicable Taxes extra, as follows:

Proposed Resources	Firm Hourly Rate				
	First year of the Contract	Second year of the Contract	Third year of the Contract	Fourth year of the Contract	Fifth year of the Contract
1- Specialist Category					
a- Specialist in radiative transfer in the Earth's atmosphere Name: _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
b- Specialist in atmospheric correction of hyperspectral images Name: _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
c- Specialist in image processing Name: _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
d- Specialist in signal processing Name: _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
e- Specialist in target and gas detection in hyperspectral imaging Name: _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
f- Specialist in optics Name: _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
g-Specialist in optoelectronics Name: _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____

Proposed Resources	Firm Hourly Rate				
	First year of the Contract	Second year of the Contract	Third year of the Contract	Fourth year of the Contract	Fifth year of the Contract
h- Specialist in radiometry Name: _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
i- Specialist in spectrometry Name: _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
2- Engineering Category					
a- Engineer in C++ or C# language programming Name: _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
b- Engineer in graphical user interface development in Windows Name: _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
c- Engineer in analog electronics Name: _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
d- Engineer in digital electronics Name: _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
e- Engineer in Development and Implementation of Signal Processing and Image Processing Algorithms Name: _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
f- Engineer in optical design Name: _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____

Proposed Resources	Firm Hourly Rate				
	First year of the Contract	Second year of the Contract	Third year of the Contract	Fourth year of the Contract	Fifth year of the Contract
g- Engineer in experimentation organization and design for remote sensing Name: _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
3 - Technical Category					
a- Technician in electronics, optics or physics Name: _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
b- Technician in mechanics, mechanical design or mechanical manufacturing Name: _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
4- Project Manager					
a- Project Manager Name: _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____

Note for Work performed in the field as part of trials only:

After a working period of 8 consecutive hours, the Contractor may claim 1.5 times the hourly rate indicated in the table above for the working time exceeding 8 hours. The Technical Authority must pre-authorize that this rate can be claimed.