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11 Laurier St. / 11, rue Laurier
Place du Portage, Phase III
Core 0A1 / Noyau 0A1
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
Science Procurement Directorate/Direction de
l'acquisition de travaux scientifiques
11C1, Phase III
Place du Portage
11 Laurier St. / 11, rue Laurier
Gatineau, Québec K1A 0S5

Title - Sujet Maintenance of Non-Prop NRTSD Sys	
Solicitation No. - N° de l'invitation W8474-11JS23/A	Amendment No. - N° modif. 007
Client Reference No. - N° de référence du client W8474-11JS23	Date 2012-08-31
GETS Reference No. - N° de référence de SEAG PW-\$\$\$V-051-24628	
File No. - N° de dossier 051sv.W8474-11JS23	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2012-09-06	Time Zone Fuseau horaire Eastern Daylight Saving Time EDT
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: John Caldwell	Buyer Id - Id de l'acheteur 051sv
Telephone No. - N° de téléphone (819) 956-1373 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: See Herein - Voir ci-dessous	

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

TITLE: Maintenance of Non-Proprietary Components of the Near Real Time Ship Detection Capability

The subject Request for Proposal, (RFP), is amended as detailed below. This amendment to the RFP includes the following:

- Publication of questions submitted by bidders and answers to the submitted questions; and,
- Modifications to the Request for Proposal.

1.0 QUESTIONS AND ANSWERS

Question 6 : The Statement of Work requires that the telecommunication technicians each possess a specified number of years of experience in the use of standard test equipment. The use of standard test equipment is often incidental to the provision of maintenance services and the period of its use is not specifically tracked. Therefore, years of experience in the use of this equipment is not readily demonstrable. Can this experience requirement be changed to better reflect the nature of using standard test equipment in the provision of maintenance services.

Answer 6 : Annex "A" - Statement of Work is amended herein.

2.0 MODIFICATIONS TO THE REQUEST FOR PROPOSAL

- 2.1 **REFERENCE:** Annex "A" - Statement of Work, Section 3.4.2.1 - Senior Telecommunication Technician - Qualification Requirements
- DELETE:** Annex "A" - Statement of Work, Section 3.4.2.1, in its entirety.
- INSERT:** Annex "A" - Statement of Work, Section 3.4.2.1, as follows:

"3.4.2.1 Senior Telecommunication Technician - Qualification Requirements

The Senior Telecommunication Technician must meet all of the following qualification requirements:

1. Possess a diploma or certification as an electronics or communications technologist or technician from a three or four year program at a recognized electronics school, community college or military communications school; or,
Have a minimum of seven (7) years of Relevant experience, within the last ten (10) years, (measured back from date of bid closing), in the maintenance of telecommunication equipment;
2. Possess a minimum of seven (7) years of Relevant total combined experience, within the last ten (10) years, (measured back from date of bid closing) in Scheduled and Corrective Maintenance procedures, including diagnostics, fault-finding and the repair of electronic equipment in at least two (2) of the following areas (Items i, ii, iii and iv below):
 - i. server/computer hardware and peripheral equipment;
 - ii. satellite tracking equipment;
 - iii. automated built-in test equipment; or,
 - iv. radio frequency receiver systems.

3. Possess a minimum of seven (7) years of Relevant total combined experience, within the last ten (10) years, (measured back from date of bid closing) in specifying required electronic and mechanical test equipment for purposes of verification, adjustment, inspection, calibration, repair and operation of highly sophisticated and specialised electronic and mechanical equipment.

and,

4. Possess demonstrated Relevant Troubleshooting experience using electronic test equipment. The Senior Telecommunication Technician must have at least two instances of demonstrated Relevant Troubleshooting experience involving the use of at least two of the following types of standard test equipment within the last three (3) years, (measured back from date of bid closing):
 - i. Spectrum analyzers;
 - ii. Signal Generators;
 - iii. Oscilloscopes; or,
 - iv. Other test equipment typically found in an electronics facility.

Troubleshooting is defined as a planned series of actions to trace and correct faults in a mechanical and, or electronic system.

The Troubleshooting experience must be demonstrated detailing all of the following for each Troubleshooting investigation:

- the equipment or system deficiency which was being investigated through the use of the identified test equipment; (spectrum analyzer, signal generator, oscilloscope, or other test equipment);
- the expected equipment or system performance, and the actual equipment or system performance which prompted the troubleshooting investigation;
- identification of test equipment used (type, manufacturer, and model (if known))
- test equipment calibration considerations and techniques;
- test equipment use considerations and techniques (frequency setting, gain, bandwidth, scan rate etc.);
- signals observed (time domain or frequency domain); and,
- confirmation of results with other test equipment or instruments.”

- 2.2 **REFERENCE:** Annex "A" - Statement of Work, Section 3.4.2.2 - Intermediate Telecommunication Technician - Qualification Requirements
- DELETE:** Annex "A" - Statement of Work, Section 3.4.2.2, in its entirety.
- INSERT:** Annex "A" - Statement of Work, Section 3.4.2.2, as follows:

"3.4.2.2 Intermediate Telecommunication Technician - Qualification Requirements

The Intermediate Telecommunication Technician must meet all of the following qualification requirements:

1. Possess a diploma or certification as an electronics or communications technologist or technician from a three or four year program at a recognized electronics school, community college or military communications school; or,
Have a minimum of four (4) years of Relevant experience, within the last ten (10) years, (measured back from date of bid closing), in the maintenance of telecommunication equipment;
2. Possess a minimum of four (4) years of Relevant total combined experience, within the last ten (10) years, (measured back from date of bid closing) in Scheduled and Corrective Maintenance procedures, including diagnostics, fault-finding and the repair of electronic equipment in any of the following areas (Items i, ii, iii and iv below):
 - i. server/computer hardware and peripheral equipment;
 - ii. satellite tracking equipment;
 - iii. automated built-in test equipment; or,
 - iv. radio frequency receiver systems.
3. Possess a minimum of four (4) years of Relevant total combined experience, within the last ten (10) years, (measured back from date of bid closing) in specifying required electronic and mechanical test equipment for purposes of verification, adjustment, inspection, calibration, repair and operation of highly sophisticated and specialised electronic and mechanical equipment.

and,

4. Possess demonstrated Relevant Troubleshooting experience using electronic test equipment. The Intermediate Telecommunication Technician must have at least one instance of demonstrated Relevant Troubleshooting experience involving the use of at least one of the following types of standard test equipment within the last three (3) years, (measured back from date of bid closing):
 - i. Spectrum analyzers;
 - ii. Signal Generators;
 - iii. Oscilloscopes; or,
 - iv. Other test equipment typically found in an electronics facility.

Troubleshooting is defined as a planned series of actions to trace and correct faults in a mechanical and, or electronic system.

The Troubleshooting experience must be demonstrated detailing all of the following for each Troubleshooting investigation:

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

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Amd. No. - N° de la modif.

007

File No. - N° du dossier

051svW8474-11JS23

Buyer ID - Id de l'acheteur

051sv

CCC No./N° CCC - FMS No/ N° VME

-
- the equipment or system deficiency which was being investigated through the use of the identified test equipment; (spectrum analyzer, signal generator, oscilloscope, or other test equipment);
 - the expected equipment or system performance, and the actual equipment or system performance which prompted the troubleshooting investigation;
 - identification of test equipment used (type, manufacturer, and model (if known))
 - test equipment calibration considerations and techniques;
 - test equipment use considerations and techniques (frequency setting, gain, bandwidth, scan rate etc.);
 - signals observed (time domain or frequency domain); and,
 - confirmation of results with other test equipment or instruments.”

**ALL OTHER TERMS, CONDITIONS AND ELEMENTS OF THIS
REQUEST FOR PROPOSAL REMAIN UNCHANGED**