

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 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
Security and Information Operations Division/Division
de la securite et des operations d'information
11 Laurier St. / 11, rue Laurier
8C2, Place du Portage
Gatineau
Québec
K1A 0S5

Title - Sujet HF AUDIO EQUIPMENT REPLACEMENT	
Solicitation No. - N° de l'invitation W8474-136546/B	Amendment No. - N° modif. 002
Client Reference No. - N° de référence du client W8474-136546	Date 2013-12-05
GETS Reference No. - N° de référence de SEAG PW-\$\$QE-450-24138	
File No. - N° de dossier 450qe.W8474-136546	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2014-01-06	Time Zone Fuseau horaire Eastern Standard Time EST
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Guilderson, Greg	Buyer Id - Id de l'acheteur 450qe
Telephone No. - N° de téléphone (819) 956-0564 ()	FAX No. - N° de FAX (819) 956-0740
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: N/A	

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

W8474-136546/B

Amd. No. - N° de la modif.

002

Buyer ID - Id de l'acheteur

450qe

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

W8474-136546

File No. - N° du dossier

450qeW8474-136546

CCC No./N° CCC - FMS No/ N° VME

Changes to this Letter of Interest may occur and will be advertised on the Government Electronic Tendering Systems (GETS). It is each Respondent' responsibility to verify changes, if any, on Buy and Sell.

Amendment 002 reflects techncial changes to the Statement of Work (SOW).

See attached document.

ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME

DEPARTMENT OF NATIONAL DEFENCE

**REVISIONS TO THE
STATEMENT OF WORK**

HIGH FREQUENCY AUDIO SYSTEMS

CORRECTIONS:

3.9 Existing Equipment Removal and Disposal

DND will be responsible for the removal and disposal of all in service equipment that becomes obsolete following the installation of the HF Audio System Replacement Program. In addition, DND will be responsible for the removal and disposal of all in service material, cabling and software associated with the equipment to be removed. The availability of modern technology has determined that this replacement program does not necessarily require it to be a “direct one for one” equipment replacement – this concept is depicted in Appendix 2 of this SOW.

4.7.2.1 MACS System Operations and Receive Site, Carrying Place, ON

The site HF Audio System shall be provided with the necessary equipment to support the following functionality:

- a. Site μ W link interface to carry voice & provide PTT control over a maximum of ten (10) 4W E&M interfaces;
- b. IP Network interfaces to provide Any Console Any Station operation;
- c. Access and control of all transmitters and receivers at Debert and Edmonton sites over T1, IP, 4W E&M and/or V.35 telco circuits;
- d. Five (5) 4W E&M transmitter interfaces;
- e. Redundant IP interfaces with appropriate interface control devices to control the A & B receiver control processors;
- f. Redundant IP interfaces with appropriate interface control devices to control the A & B transmitter control processors;
- g. Thirty-six (36) 4W E&M monitor receiver interfaces;
- h. Five (5) 4W E&M receiver interfaces;
- i. Twelve (12) FXO and Twelve (12) FXS interfaces for Ground/Ground patching;
- j. Local administration and maintenance software applications and associated licences and terminal(s) for proposed equipment;
- k. Remote administration and maintenance software applications and associated licences and terminal(s) for proposed equipment;
- l. Ancillary equipment as required; and
- m. Six (6) Radio Operator Console Equipment positions, as listed in paragraph 3.2.5.

4.7.2.3 MACS System Standby Operations and Receive Site, Riverbend, AB

The site HF Audio System shall be provided with the necessary equipment to support the following functionality:

- a. Site μ W link interface to carry voice & provide PTT control over a maximum of ten (10) 4W E&M interfaces;
- b. IP Network interfaces to provide Any Console Any Station operation;
- c. Access and control of all transmitters and receivers by the Carrying Place operations site over T1, IP, 4W E&M and/or V.35 telco circuits;
- d. Fallback capability to local control of all Cardiff transmitters and Riverbend receivers in the event of failure of the network connection;
- e. Five (5) 4W E&M transmitter interfaces;

- f. Redundant IP interfaces with appropriate interface control devices to control the A & B receiver control processors;
- g. Redundant IP interfaces with appropriate interface control devices to control the A & B transmitter control processors;
- h. Thirty-six (36) 4W E&M monitor receiver interfaces;
- i. Five (5) 4W E&M receiver interfaces;
- j. Twelve (12) FXO and Twelve (12) FXS interfaces for Ground/Ground patching;
- k. Local administration and maintenance software applications and associated licences and terminal(s) for proposed equipment;
- l. Remote administration and maintenance software applications and associated licences and terminal(s) for proposed equipment;
- m. Ancillary equipment as required; and
- n. Four (4) Radio Operator Console Equipment positions, as listed in paragraph 3.2.5.

4.7.2.6 MACS System Standby Operations and Transmit Site, Great Village, NS

The site HF Audio System shall be provided with the necessary equipment to support the following functionality:

- a. Site μ W link interface to carry voice & provide PTT control over a maximum of ten (10) 4W E&M interfaces;
- b. IP Network interfaces to provide Any Console Any Station operation;
- c. Access and control of all transmitters and receivers by the Carrying Place operations site over T1, IP, 4W E&M and/or V.35 telco circuits;
- d. Fallback capability to local control of all Great Village transmitters and Masstown receivers in the event of failure of the network connection;
- e. Five (5) 4W E&M transmitter interfaces;
- f. Redundant IP interfaces with appropriate interface control devices to control the A & B receiver control processors;
- g. Redundant IP interfaces with appropriate interface control devices to control the A & B transmitter control processors;
- h. Thirty-six (36) 4W E&M monitor receiver interfaces;
- i. Five (5) 4W E&M receiver interfaces;
- j. Twelve (12) FXO and Twelve (12) FXS interfaces for Ground/Ground patching;
- k. Local administration and maintenance software applications and associated licences and terminal(s) for proposed equipment;
- l. Remote administration and maintenance software applications and associated licences and terminal(s) for proposed equipment;
- m. Ancillary equipment as required; and
- n. Four (4) Radio Operator Console Equipment positions, as listed in paragraph 3.2.5.

4.7.2.7 MARCOM West AGA System Operations Site, Esquimalt, BC

The site HF Audio System shall be provided with the necessary equipment to support the following functionality:

- a. Site link interface to carry voice & provide PTT control over a maximum of ten (10) 4W E&M interfaces;
- b. IP Network interfaces to provide Any Console Any Station operation;
- c. Access and control of all transmitters and receivers at Debert and Edmonton sites over T1, IP, 4W E&M and/or V.35 telco circuits;
- d. Five (5) 4W E&M transmitter interfaces;
- e. Redundant IP interfaces with appropriate interface control devices to control the A & B receiver control processors;
- f. Redundant IP interfaces with appropriate interface control devices to control the A & B transmitter control processors;
- g. Thirty-six (36) 4W E&M monitor receiver interfaces;
- h. Five (5) 4W E&M receiver interfaces;
- i. Twelve (12) FXO and Twelve (12) FXS interfaces for Ground/Ground patching;
- j. Local administration and maintenance software applications and associated licences and terminal(s) for proposed equipment;
- k. Remote administration and maintenance software applications and associated licences and terminal(s) for proposed equipment;
- l. Ancillary equipment as required; and
- m. Four (4) Radio Operator Console Equipment positions, as listed in paragraph 3.2.5.

4.7.2.10 MARCOM East AGA System Operations Site, Halifax, NS

The site HF Audio System shall be provided with the necessary equipment to support the following functionality:

- a. Site link interface to carry voice & provide PTT control over a maximum of ten (10) 4W E&M interfaces;
- b. IP Network interfaces to provide Any Console Any Station operation;
- c. Access and control of all transmitters and receivers at Debert and Edmonton sites over T1, IP, 4W E&M and/or V.35 telco circuits;
- d. Five (5) 4W E&M transmitter interfaces;
- e. Redundant IP interfaces with appropriate interface control devices to control the A & B receiver control processors;
- f. Redundant IP interfaces with appropriate interface control devices to control the A & B transmitter control processors;
- g. Thirty-six (36) 4W E&M monitor receiver interfaces;
- h. Five (5) 4W E&M receiver interfaces;
- i. Twelve (12) FXO and Twelve (12) FXS interfaces for Ground/Ground patching;
- j. Local administration and maintenance software applications and associated licences and terminal(s) for proposed equipment;
- k. Remote administration and maintenance software applications and associated licences and terminal(s) for proposed equipment;
- l. Ancillary equipment as required; and
- m. Four (4) Radio Operator Console Equipment positions, as listed in paragraph 3.2.5.

4.7.2.13JTFN HQ System Operations and Receive Site, Yellowknife, NT

The site HF Audio System shall be provided with the necessary equipment to support the following functionality:

- a. Site μ W link interface to carry voice & provide PTT control over a maximum of ten (10) 4W E&M interfaces;
- b. IP Network interfaces to provide Any Console Any Station operation;
- c. Five (5) 4W E&M transmitter interfaces;
- d. Redundant IP interfaces with appropriate interface control devices to control the A & B receiver control processors;
- e. Redundant IP interfaces with appropriate interface control devices to control the A & B transmitter control processors;
- f. Thirty-six (36) 4W E&M monitor receiver interfaces;
- g. Five (5) 4W E&M receiver interfaces;
- h. Twelve (12) FXO and Twelve (12) FXS interfaces for Ground/Ground patching;
- i. Local administration and maintenance software applications and associated licences and terminal(s) for proposed equipment;
- j. Remote administration and maintenance software applications and associated licences and terminal(s) for proposed equipment;
- k. Ancillary equipment as required; and
- l. Four (4) Radio Operator Console Equipment positions, as listed in paragraph 3.2.5.

4.7.2.15CFSCF HF Training Facility, CFB Kingston, Kingston, ON

The site HF Audio System shall be provided with the necessary equipment to support the following functionality:

- a. Simulated site μ W link interface to carry voice & provide PTT control over a maximum of ten (10) 4W E&M interfaces;
- b. IP Network interfaces to provide Any Console Any Station operation;
- c. Five (5) 4W E&M transmitter interfaces;
- d. Redundant IP interfaces with appropriate interface control devices to control the A & B receiver control processors;
- e. Receive site simulation interface to carry voice over a max of 10 4W E&M interface over T1, IP, 4W E&M and/or V.35 telco circuits;
- f. Redundant IP interfaces with appropriate interface control devices to control the A & B transmitter control processors;
- g. Transmit site simulation interface to carry voice over a max of 10 4W E&M interface over T1, IP, 4W E&M and/or V.35 telco circuits;
- h. Thirty-six (36) 4W E&M monitor receiver interfaces;
- i. Five (5) 4W E&M receiver interfaces;
- j. Twelve (12) FXO and Twelve (12) FXS interfaces for Ground/Ground patching;
- k. Local administration and maintenance software applications and associated licences and terminal(s) for proposed equipment;
- l. Remote administration and maintenance software applications and associated licences and terminal(s) for proposed equipment;
- m. Ancillary equipment as required; and
- n. Four (4) Radio Operator Console Equipment positions, as listed in paragraph 3.2.5.

4.7.2.16HF Development Laboratory, DND Uplands Site, Ottawa, ON

The site HF Audio System shall be provided with the necessary equipment to support the following functionality:

- a. Site link interface to carry voice & provide PTT control over a maximum of ten (10) 4W E&M interfaces;
- b. IP Network interfaces to provide Any Console Any Station operation;
- c. Five (5) 4W E&M transmitter interfaces;
- d. Redundant IP interfaces with appropriate interface control devices to control the A & B receiver control processors;
- e. Receive site simulation interface to carry voice over a max of 10 4W E&M interface over T1, IP, 4W E&M and/or V.35 telco circuits;
- f. Redundant IP interfaces with appropriate interface control devices to control the A & B transmitter control processors;
- g. Transmit site simulation interface to carry voice over a max of 10 4W E&M interface over T1, IP, 4W E&M and/or V.35 telco circuits;
- h. Thirty-six (36) 4W E&M monitor receiver interfaces;
- i. Five (5) 4W E&M receiver interfaces;
- j. Twelve (12) FXO and Twelve (12) FXS interfaces for Ground/Ground patching;
- k. Local administration and maintenance software applications and associated licences and terminal(s) for proposed equipment;
- l. Remote administration and maintenance software applications and associated licences and terminal(s) for proposed equipment;
- m. Ancillary equipment as required; and
- n. Two (2) Radio Operator Console Equipment positions, as listed in paragraph 3.2.5.

-END OF REVISIONS-

ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME