

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
Defence Communications Division. (QD)
11 Laurier St./11, rue Laurier
Place du Portage, Phase III, 8C2
Gatineau, Québec K1A 0S5

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|---|--|
| Title - Sujet VLF/LF MSK Receivers | |
| Solicitation No. - N° de l'invitation W8483-117050/A | Amendment No. - N° modif. 006 |
| Client Reference No. - N° de référence du client W8483-117050 | Date 2012-03-15 |
| GETS Reference No. - N° de référence de SEAG PW-\$\$QD-008-22308 | |
| File No. - N° de dossier 008qd.W8483-117050 | CCC No./N° CCC - FMS No./N° VME |
| Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2012-04-03 | |
| Time Zone Fuseau horaire Eastern Daylight Saving Time EDT | |
| 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: Van Dusen, Eric | Buyer Id - Id de l'acheteur 008qd |
| Telephone No. - N° de téléphone (819) 956-5816 () | FAX No. - N° de FAX (819) 956-0636 |
| Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: SEE HEREIN. | |

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 |

This amendment 006 is raised to address questions that have been raised by bidders.

1. At Solicitation document Part 6, sub-section 12. SACC MANUAL CLAUSES, B1501C (2006-06-16) Electrical Equipment.

DELETE: In its entirety.

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.

Bidders' Questions-04

Question-8)

Can Canada please confirm that the equipment supplied must be CSA approved prior to delivery of the units as directed by SACC clause B1501C (2006-06-16) and not at bid submission?

Answer-8)

As the receiver can now be compliant with MIL-STD 461 E certification, SACC clause B1501C no longer applies and is deleted from this RFP.

Question-9)

CSA is one of a number of nationally Recognized Testing Laboratories (NRTL's) certified by the Occupational Safety and Health Administration (OSHA). Can Canada confirm that approval from any NRTL certified by the OSHA is acceptable?

Answer-9)

As per answer 7, if suppliers can demonstrate that the receiver offered is compliant to MIL-STD 461 E certification, Canada will accept that the receiver offered will be compliant.

Question-10)

The term 'Acceptance' is used in a number of sections through out the solicitation document and is linked to the approval for payment in respect of deliverable items, documents, goods, and services. Can Canada please clarify the definition of 'Acceptance' and when this will occur in relation to the date of supply of each deliverable?

Answer-10)

Acceptance will take place as each item is delivered and inspected by the technical authority or his representative thereof. For example, acceptance of the radios is when they are delivered. Dates would be preferred within 6 months of contract award. As for the dates of the rest of the items, it is specified in the SOW.

Question-11)

In general please note:

It appears that some requirements have blended LF and VLF characteristics. These are noted in the attached table and are in need of clarification.

Many requirements are not in accordance with the appropriate STANAG's for VLF and LF. These requirements are also noted in the attached table. If indeed these requirements are needed, then can they be designated as "desired" to ensure that the Military Off The Shelf (MOTS) equipment is able to meet mandatory requirements without the need for expensive modifications.

Answer-11)

As the receiver is a VLF/LF receiver, the characteristics were not separated. With respect to the attached lists reference to legacy modes of the STANAG's, Canada's operation still require these legacy modes and must be included.

In reference to Sub-para 3.3.3a, the receiver shall comprise one 100 Ohm Balanced input with VSWR of up to 3:1 at the tuned frequency.

In reference to Sub-para 3.3.3b, the receiver shall comprise of the aerial input as specified in the RFP. 10k Ohms would be considered a high impedance input.

Questions 11– VLF/LF Receiver Solicitation

| RFP Requirement | STANAG 5030 ed. 4 Requirement | STANAG 5065 Requirement | Remarks (Note: It appears that there is a combination of VLF and LF requirements in some sub-paras.) | Comment and/or Requested Amendment (Note: In general, it is requested that requirements be amended to reflect the appropriate STANAGs for VLF and LF) |
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| Sub-para 3.3.2 d “the receiver shall support FSK 50 Baud with +/- 25 Hz shift” | 50 Baud operation only | Not planned | | Confirm that this requirement applies to VLF only |
| Sub-para 3.3.2e “the receiver shall support FSK 75 Baud with +/- 42.5 Hz shift” | Not applicable | Planned for back interoperability with old LF Transmitters | This mode can be provided by the receiver | Confirm that this requirement applies to LF only |
| Sub-para 3.3.2 f. “the receiver shall support MSK 1 for one channel at 50, 75, 200 and 300 Baud rates” | MSK 1 is not supported in any form. Single channel operation is provided by FSK. | MSK at 300 Baud | Reception and demodulation of LF carriers modulated in MSK can be provided IAW STANAG 5065 | Remove the reference to 50, 75 and 200 Baud as these requirements are not in accordance with either STANAG 5030 ed. 4 or STANAG 5065. |
| Sub-para 3.3.2 g “the receiver shall support MSK 2 for up to two channels at 50, 75, and 100 Baud rates” | 50 Baud operation only | Not planned | 75 Baud operation was included in earlier editions of S 5030. It has been removed in the present edition 4 | Remove the reference to 75 and 100 Baud as these requirements are not in accordance with either STANAG 5030 ed. 4 or STANAG 5065. |
| Sub-para 3.3.2 h “the receiver shall | 50 Baud operation only | Not planned | 75 Baud operation was included in earlier editions of S 5030. It has been removed | Remove the reference to 75 Baud as this requirement is not in accordance with STANAG |

Questions 11- VLF/LF Receiver Solicitation

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| support MSK 4 for up to four channels at 50 and 75 Baud rates" | | | in the present edition 4 | 5030 ed. 4 or STANAG 5065. |
| Sub-para 3.3.3a "the receiver shall comprise, at least, one 100 Ohm broadband balanced aerial input with VSWR of up to 3:1 at the tuned frequency" | | | The VSWR does not depend on the input interface and VSWR is not a critical parameter in reception. The receiver provides a standard 50 Ohm input interface. | Reword the requirement as follows: The receiver shall be connected to the present VLF/LF receiving broadband antenna which provides a balanced interface. |
| Sub-para 3.3.3b: "The receiver shall comprise at least one High impedance aerial input for a whip antenna" | | | What is intended for High impedance? The receiver provides a standard 50 Ohm input interface. | Request clarification. Reword the requirement as follows: The receiver, as alternative to the VLF/LF antennas, shall be connected to a receiving Whip antenna |