

**RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:**

**Bid Receiving
PWGSC
33 City Centre Drive
Suite 480
Mississauga
Ontario
L5B 2N5
Bid Fax: (905) 615-2095**

**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
Public Works and Government Services Canada
Ontario Region
33 City Centre Drive
Suite 480
Mississauga
Ontario
L5B 2N5

Title - Sujet Next Generation Buoy and AVOS RFI	
Solicitation No. - N° de l'invitation K3D33-120110/A	Amendment No. - N° modif. 005
Client Reference No. - N° de référence du client K3D33-120110	Date 2012-08-20
GETS Reference No. - N° de référence de SEAG PW-\$TOR-224-5961	
File No. - N° de dossier TOR-2-35076 (224)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2012-08-27	
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: Juan, Peggy	Buyer Id - Id de l'acheteur tor224
Telephone No. - N° de téléphone (905) 615-2467 ()	FAX No. - N° de FAX (905) 615-2060
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

This amendment is raised to answer supplier's questions.

Questions and Answers:

Q1: Regarding 2.2.15 and Appendix E Bridge software –

- a. Is Bridge software a requirement of the project or not?
- b. Are you looking for all the functions shown in Appendix E or just those listed in 2.2.15?
- c. Does EC also intend to purchase new bridge PCs or will they use existing equipment?
- d. Does EC want to use the existing AVOS GU software with the new system or not? If so, Is the protocol between the PC and the Watchman proprietary to AXYS or is it public information or information that can be provided by EC?

A1a: The MSC has not yet made a final decision regarding the approach for a future enhanced version for the AVOS Bridge PC software, or a complete replacement of the current software. As outlined in the RFI, the software which runs on touch screen PC provides a graphical interface which displays the current observations, as well as an interface for human observers to enter observations. In addition to this, the software is used by MSC Technicians to configure and interface with the AVOS system in support of system maintenance and interrogation. This RFI process provides an opportunity for industry to provide alternative mechanisms to deliver the same functionality.

A1b: The intention of listing the Bridge PC functions in Appendix E was to ensure vendors have a complete understanding of the current system. We ask that vendors answer the questions in section 2.2.15 to understand the capabilities of any software which they could provide to meet our needs.

A1c: The MSC has continued to life cycle manage the existing Bridge PC computers used in the AVOS network, and it is not expected that these will be replaced as part of a future Next Generation Marine Payload procurement.

A1d: This is unknown at this time, and will need to be clarified at a future time. It is the opinion of EC Marine Networks that this information is not required for the purposes of the RFI, and can be addressed at a future vendor meeting.

Q2. Appendix A, Block Diagrams - Which items on the block diagram(s) is EC interested in replacing. Is it just the WatchMan 100 or does it include the GOES, ARGOS, IRIDIUM transmitters, Barometers, Compass, Wave Module, other sensors, Power Distribution box, etc?

A2: Please reference the following section of the RFI document (Section 1.1 (d)). It is the intention of the MSC to retain the existing environmental sensors and peripherals (i.e. satellite transmitters, compass, and power distribution system etc.). The technology upgrade will focus on replacing the existing WatchMan 100 system.

Q3. Regarding 2.2.11 Services - We're not clear in understanding what integrated services are being considered. Part 1 mentions "in-field service" while 2.2.11 speaks of "turn-key" and "integration, warranty, maintenance, and/or training". Are you interested in having the supplier do the actual installation on the buoy? What specific "in-field service" is being considered?

A3: It is the intention of the MSC to evaluate vendors who will be in a position to provide a wide range of technical support which could include provision of system integration, system repair, remote troubleshooting, along with in-field support to MSC personnel for the repair and installation of systems. One of the goals of this RFI is to fully understand the capabilities of vendors to provide these types of services in Canada, and some or all of these may be secured via future procurement processes. Vendors will not be required to perform an installation of a buoy without MSC personnel present. The in-field support is intended to provide specific technical expertise to support MSC in-field maintenance activities. Vendors will need to describe the type of field support services they are able to provide in Canada.

Q4. On 2.2.4 (d) Spectral wave data - What is the interface/output of the wave module?

A4: As outlined in the Appendix C of the RFI, the wave module output format is RS-232.

Q5. On C.2 AVOS sensors - What model RMYoung 05103 is used? Does it have the amplified or unamplified speed output?

A5: The RMYoung Wind Monitor being used is the generic Model 05103. Wind speed output is magnetically induced AC voltage, 3 pulses per revolution.