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K1A 0S5

Bid Fax: (819) 997-9776

Revision to a Request for a Standing Offer

Révision à une demande d'offre à commandes

National Individual Standing Offer (NISO)

Offre à commandes individuelle nationale (OCIN)

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Offer remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'offre demeurent les mêmes.

Comments - Commentaires

Vendor/Firm Name and Address

Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution

Electronics, Simulators and Defence Systems Div.

/Division des systèmes électroniques et des
systèmes de simulation et de défense

11 Laurier St. / 11, rue Laurier

8C2, Place du Portage

Gatineau

Québec

K1A 0S5

Title - Sujet SELF LOCATING DATUM MARKER BUOYS		
Solicitation No. - N° de l'invitation F7039-110085/A		Date 2012-04-27
Client Reference No. - N° de référence du client F7039-110085		Amendment No. - N° modif. 001
File No. - N° de dossier 102qf.F7039-110085	CCC No./N° CCC - FMS No./N° VME	
GETS Reference No. - N° de référence de SEAG PW-\$\$QF-102-22691		
Date of Original Request for Standing Offer Date de la demande de l'offre à commandes originale		2012-04-23
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2012-06-04		Time Zone Fuseau horaire Eastern Daylight Saving Time EDT
Address Enquiries to: - Adresser toutes questions à: Dawson, Cindy		Buyer Id - Id de l'acheteur 102qf
Telephone No. - N° de téléphone (819) 953-7336 ()	FAX No. - N° de FAX () -	
Delivery Required - Livraison exigée		
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:		
Security - Sécurité This revision does not change the security requirements of the Offer. Cette révision ne change pas les besoins en matière de sécurité de la présente offre.		

Instructions: See Herein

Instructions: Voir aux présentes

Acknowledgement copy required Accusé de réception requis	Yes - Oui <input type="checkbox"/>	No - Non <input type="checkbox"/>
The Offeror hereby acknowledges this revision to its Offer. Le proposant constate, par la présente, cette révision à son offre.		
Signature	Date	
Name and title of person authorized to sign on behalf of offeror. (type or print) Nom et titre de la personne autorisée à signer au nom du proposant. (taper ou écrire en caractères d'imprimerie)		
For the Minister - Pour le Ministre		

Solicitation No. - N° de l'invitation

F7039-110085/A

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

F7039-110085

Amd. No. - N° de la modif.

001

File No. - N° du dossier

102qfF7039-110085

Buyer ID - Id de l'acheteur

102qf

CCC No./N° CCC - FMS No/ N° VME

This Amendment 001 is raised to incorporate an amended Annex “B” Mandatory Criteria for the CCG SLDMB.

To incorporate this amendment into the Request for Standing Offer, the following is required:

DELETE the Annex “B” Mandatory Criteria for the CCG SLDMB in its entirety;

INSERT the amended Annex “B” Mandatory Criteria for the CCG SLDMB as attached to this document as Annex “A” .

**ALL OTHER TERMS AND CONDITIONS OF THE REQUEST FOR STANDING
OFFER REMAIN UNCHANGED**

Solicitation No. - N° de l'invitation

F7039-110085/A

Amd. No. - N° de la modif.

001

Buyer ID - Id de l'acheteur

102qf

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

F7039-110085

File No. - N° du dossier

102qfF7039-110085

CCC No./N° CCC - FMS No/ N° VME

ANNEX “A”
MANDATORY CRITERIA
FOR THE CCG SLDMB
(this page plus 7 pages)

CCG SLDMB

Date: ____ / ____ / ____

Company Name:			
Cost per SLDMB:			
Specification	Requirement	Complies (YES or NO)	Manufacturer's Compliance Statement
2.1 Drift Characteristics	The SLDMB must drift with the surface current and have near zero leeway (wind forcing).		
2.2 Flotation	<p>The SLDMB must float in an upright attitude. When overturned or displaced by wave action or another upsetting force, the SLDMB must return to the proper upright position within 10 seconds after the termination of the upsetting force.</p> <p>Float design may be spheres, cylinders, quarter cylinders, or modified cylinders. The float design cannot be discs, cubes, or rectangular shapes that provide edges to catch the wind.</p>		

CCG SLDMB

Date: ____ / ____ / ____

3.1 Operating Life	<p>The SLDMBs must operate for a period of not less than five (5) days at the default Operation Transmission Scheme in near freezing water temperature (zero degrees Celsius). The time begins when the SLDMBs are turned on.</p>		
3.2.1 Operation Transmission Scheme	<p>For purposes of power consumption and requirements the SLDMB must have a Transmission of Scheme of a rapid response mode of reporting, followed by a less frequent mode of reporting.</p> <p>The default data transmission rate on power-up must be every 10 to 15 minutes. After the first 12 to 24 hours of operation, it must automatically switch to reporting every 30 minutes for a minimum of 24 hours. Afterwards it must switch to sampling every 30 to 60 minutes.</p>		
3.3 Operating Environment	<p>The following parameters define the conditions in which the SLDMB must operate after deployment. Operations must include acquiring GPS positions, time of position fix and sensor data, and successfully transmitting data through the Iridium System 90 percent or greater of the time when the following conditions listed in Table 1 apply.</p>		
3.4 Survival Environment	<p>The survival environment is the set of conditions in which the SLDMBs must survive after deployment without damage. When</p>		

CCG SLDMB

Date: ____ / ____ / ____

	conditions improve to those of the operating environment, the SLDMBs must resume operating at the level specified for the operating environment. Table 2 lists the survival conditions.		
3.5 Operator's manual	<p>The following documentation must be provided with each SLDMB:</p> <ul style="list-style-type: none"> SLDMB Operator's Manual. <p>Operator's manual must be provided with each SLDMB in both official languages, English and French.</p> <p>An electronic version of the manuals must be available upon demand or accessible on the manufacturer website.</p>		
3.6.2 Operator Training	All controls, switches and other devices required to operate the SLDMBs must be readily accessible from the exterior of the unit, clearly labeled in highly contrasting lettering from the background, and intuitively easy for the operator to understand and operate, in both official languages.		
3.6.3 Operator Training	No tools or special devices must be required to activate or deploy the SLDMBs.		
4.1 GPS Receiver	The SLDMB must contain a GPS receiver. The GPS receiver must acquire the signal from the GPS satellites and determine the position of the SLDMB. The GPS receiver must have 12 or more channels to minimize acquisition time.		

CCG SLDMB

Date: ____ / ____ / ____

5.1 SLDMB Data for Maritime Search Planning	The SLDMBs must be proven to work with the CCG's automated maritime search planning software CANSARP.		
5.2.1 Iridium Short Burst Data (SBD) Modem	The electronics package of the SLDMBs must acquire, format, and transmit sensor data to and must receive messages from the satellite-based Iridium System.		
5.2.2 Iridium Short Burst Data (SBD) Modem	The Iridium SBD modem must be certified by Iridium.		
5.2.3 Iridium Short Burst Data (SBD) Modem	Each message must contain, at the minimum, the GPS Fix (Latitude, Longitude, DOP), and the universal coordinated time of the GPS Fix.		
6.1.1 Vessel Deployable SLDMBs	The SLDMBs must be designed to be deployed by hand by one person.		
6.1.2 Vessel Deployable SLDMBs	No tools must be required to prepare for or perform the deployment.		
6.1.3 Vessel Deployable SLDMBs	The SLDMBs must deploy successfully using a tossing or dropping motion by the operator in a standing position, from a distance of up to 15 meters above the water.		
6.3 Self Deployment	After entering the water the SLDMBs must successfully self deploy into the fully deployed configuration. The time after entering the water until the SLDMBs are fully deployed and the GPS receivers are activated must be not more than 20 minutes.		

CCG SLDMB

Date: ____ / ____ / ____

7.0.1 Power Requirements	Batteries used in the buoy must not require recharging, and must not be considered dangerous goods.		
8.1.1 Robustness	The SLDMBs must be designed and built to withstand all the mechanical shocks to which it will be exposed during shipping, storage, deployment, and operation without damage.		
8.1.2 Robustness	The SLDMBs must function mechanically and electronically after deployment.		
8.2 Storage Life	The SLDMBs, in packaging, must remain fully operational for a minimum of 36 months after receipt.		
8.3.0 Labelling	Each Buoy must have a permanent label attached containing a unique buoy serial number and the date of expiry.		
8.3.1 Labelling	As the buoy contains an Iridium modem, the label must also contain the Iridium IMEI number.		
8.3.2 Waterproof Wrapper (if applicable)	Each waterproof wrapper must have a label repeating the Buoy label information, as well as a "REMOVE THIS WRAPPER IMMEDIATELY BEFORE DEPLOYMENT" label.		
9.0Environmental Impacts	The use of any material or concentration of material known to have deleterious effect on marine organisms is not allowed.		

CCG SLDMB

Date: ____ / ____ / ____

9.1.1 Toxic Metals	There must be no cadmium, mercury nor non-metallic chromium (including any chromate conversion coating) used in the construction, other than as trace contaminants.		
9.1.2 Toxic Metals	The total weight of all the lead must be less than 10 percent of the package buoy weight.		
9.2 Cavity Filling Compounds	The use of perfluoro compounds with low toxicity to marine life, low solubility in water, and a density significantly greater than seawater will be allowed (e.g. Fluorinert™ Electronic Liquids). Oil, grease, or other organohalogen material, not specifically addressed in this section, must not be used; organohalines are organic (carbon-containing) materials with fluorine, chlorine, bromine, or iodine constituents. Material that leaves a visible sheen on a water surface when mixed in a ratio weaker than or equal to 1:100 parts can be used.		
9.3 Toxic Materials	Any carcinogen, mutagen, teratogen or suspected carcinogen, suspected mutagen or suspected teratogen not specifically addressed in this section must NOT be present in the SLDMB.		
9.4 Pollutants	There must be no marine pollutants (including priority marine pollutants) in the delivered SLDMB system, other than as trace contaminants.		

CCG SLDMB

Date: ____ / ____ / ____

11.1 Personnel Hazards	The SLDMBs must have no sharp edges, projections or other physical characteristics capable of injuring the operator if operated in accordance with the manufacturer's written instructions.		
11.2 Hazard Identification	Safety hazards pertaining to the handling, operations, deployment or maintenance of the SLDMBs must be identified by labels, color, tactile indicators, or other appropriate methods.		
11.3 Explosive Devices	The SLDMBs must not contain nor be attached to any explosive device.		
11.4 Spring Loaded Devices	Any devices that are spring loaded or otherwise designed to deploy suddenly and forcefully must incorporate safety devices to prevent injury to personnel. Such devices must be clearly explained and illustrated in the operator's manual with a label attached to the outside of the SLDMB. The operator's manual must incorporate complete instructions for operation of these devices and must contain appropriate warnings concerning the safety hazards involved in both official languages		