

AN/SSQ-53G (GPS) DIFAR Sonobuoys Procurement

1. Advance Contract Award Notice (ACAN)

An ACAN is a public notice indicating to the supplier community that a department or agency intends to award a contract for goods, services or construction to a pre-identified supplier, thereby allowing other suppliers to signal their interest in bidding, by submitting a statement of capabilities. If no supplier submits a statement of capabilities that meets the requirements set out in the ACAN, on or before the closing date stated in the ACAN, the contracting officer may then proceed with the award to the pre-identified supplier.

2. Definition of the requirement

The Department of National Defence has a requirement for the supply of quantity 1186 *AN/SSQ-53G (GPS) DIFAR* sonobuoys installed in *LAU-126/A* Sonobuoy Launch Containers built for aircraft /shipboard training and operations in accordance with the Production Sonobuoy Specification for Bathythermograph Transmitting Set AN/SSQ-36B and Sonobuoys AN/SSQ-53F, 62E, 77C and 101A (PSS) dated 1 October 2008 (Revised 03/17/2016 REV C CHG 1). The product must be an A-size sonobuoy which combines a passive directional and calibrated wide-band Omni capability into a single multi-function sonobuoy. This sonobuoy must have both Electronic Function Select (EFS) for use prior to loading and launching and Command Function Select (CFS) to allow the operator to modify the sonobuoy's modes of operation after it has been deployed in the water. This sonobuoy must have GPS location reporting capabilities following activation, with the GPS information formatted in accordance with National Marine Electronics Association (NMEA) Protocol 0183.

To be compatible with DND's CP140 aircraft stores release systems, the sonobuoys must be configured for air deployment within a cylindrical Sonobuoy Launch Container with a diameter of 4 7/8 (+0, -1/8) inches and a length of 36 (+.125, -187) inches. The sonobuoys as configured for air deployment (bare buoy) shall pass with no force other than gravity through a vertical right cylinder having an inside diameter of 4 15/16(+1/64, -0) inches and 4 feet long. The sonobuoys must be currently flight qualified on either the P-3 Orion or CP-140 Aurora aircraft to eliminate the requirement for qualification and stores clearance testing.

Stock code - 5845-01-663-0428
Part Number - 130-9044-101
Description - AN/SSQ-53G (GPS) DIFAR

There are no security requirements associated with this requirement.

3. Criteria for assessment of the Statement of Capabilities (Minimum Essential Requirements)

Any interested supplier must demonstrate by way of a statement of capabilities that its product meets the following requirements:

The sonobuoy must be NATO A-size, must already be qualified for launch from fixed and rotary-wing aircraft, and must be capable of being deployed from the deck of a surface vessel.

Air descent of the sonobuoy must be stabilized and slowed by a parachute allowing for deployment within the Production Sonobuoy Specification (PSS) Altitude/Speed Launch Envelope.

The sonobuoy must combine passive directional and calibrated wide-band Omni capabilities into a single multi-functional sonobuoy and must be designed in accordance with PSS for Bathythermograph Transmitting Set AN/SSQ-36B and Sonobuoys AN/SSQ-53F, 62E, 77C and 101 dated 1 October 2008 (Revised 03/17/2016 REV C CHG 1).

The sonobuoy must have GPS location reporting capabilities following activation, with the GPS information formatted in accordance with NMEA Protocol 0183.

4. Applicability of the trade agreement(s) to the procurement

This procurement is subject to the following trade agreement(s)

- Canadian Free Trade Agreement (CFTA)
- World Trade Organization - Agreement on Government Procurement (WTO-AGP)
- Canada-European Union Comprehensive Economic and Trade Agreement (CETA)

5. Justification for the Pre-Identified Supplier

Sonobuoy Tech Systems (STS) is the only supplier capable of meeting the government requirement since STS has exclusive ownership of the Foreground and Background Intellectual Property for the AN/SSQ-53G (GPS) DIFAR sonobuoys.

6. Government Contracts Regulations Exception(s)

The following exception to the *Government Contracts Regulations* is invoked for this procurement under subsection 6 (d) as only one supplier is capable of performing the work.

7. Limited Tendering Reasons

The limited tendering reasons are invoked under the (section of the trade agreement(s) specified):

- Canadian Free Trade Agreement (CFTA) – Article 513 b (iii).
- World Trade Organization - Agreement on Government Procurement (WTO-AGP) – Article XIII b. iii.
- Canada-European Union Comprehensive Economic and Trade Agreement (CETA) – Article 1912.12 b iii.

8. Ownership of Intellectual Property

Ownership of any Foreground Intellectual Property arising out of the proposed contract will vest in the Contractor.

9. Period of the proposed contract

The proposed delivery date is 8 months ARO

10. Cost estimate of the proposed contract

The estimated value of the contract, is \$2,050,427.96 (GST/HST extra).

11. Name and address of the pre-identified supplier

Sonobuoy Tech Systems
4868 East Park 30 Drive
Columbia City, Indiana
USA 46725-8861

12. Suppliers' right to submit a statement of capabilities

Suppliers who consider themselves fully qualified and available to provide the services described in the ACAN may submit a statement of capabilities in writing to the contact person identified in this notice on or before the closing date of this notice. The statement of capabilities must clearly demonstrate how the supplier meets the advertised requirements.

13. Closing date for a submission of a statement of capabilities

The closing date and time for accepting statements of capabilities is 2 June, 2021 at 2:00 p.m. EDT.

14. Inquiries and submission of statements of capabilities

Inquiries and statements of capabilities are to be directed to:

Chabha Belabid

Department of National Defence

Directorate of Aerospace Procurement

101 Colonel By Drive, Ottawa, ON, K1A 0K2

Telephone: 819-939-4274

E-mail: chabha.belabid@forces.gc.ca