

Advance Contract Award Notice (ACAN)

23-58180

Supply of UltraLab ULS HF 108 Measurement System

1. 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. The National Research Council of Canada has a requirement for the supply of quantity of One (1) UltraLab ULS HF108 Measurement System.
3. The 8- channel ultrasonic measurement system for measuring water levels and waves must consist of 8 sensor inputs with data output via Ethernet and RS232 and provide a reference sound velocity sensor for calibration free operation.
4. Authorized distributors must provide written authorization from vendor.
5. Any interested supplier must demonstrate by way of a statement of capabilities that its System meets the following requirements

Measurement system consisting of:

- Minimum 8 sensor inputs
- Multiple measuring ranges depending on sensor
- Resolution 0.18 mm or better
- Sample rate 50 Hz or greater
- Digital Data format: direct readable ASCII table with time stamp
- Data output via: Ethernet and RS232, (including LAN and RS232 cable)
- Power supply: 100-240 VAC/50-60 Hz (North America Standard)
- Software/documentation for integration into NRC's data acquisition system
- Reference sound velocity to provide calibration free operation
- 2nd input per channel to allow for steep random wave resolving
- Directional Wave Processing Module (Real-time processing)
- Time synchronization
- **All sensor inputs must be compatible/interchangeable with General Acoustic UltraLab ULS HF108 sensors**

Ultrasound sensors, 8 units

- To be used with item #1
- Measurement range minimum 200 mm, maximum 1200 mm
- Resolution 0.18 mm or better
- Accuracy ± 0.36 mm or better
- 20 m of detachable cable
- **All sensors must be compatible/interchangeable with General Acoustic UltraLab ULS HF108**

Ultrasound sensors, 16 units

- To be used with item #1
- Measurement range minimum 30 mm, maximum 250 mm
- Resolution 0.18 mm or better
- Accuracy ± 0.36 mm or better
- 20 m of detachable cable

- **All sensors must be compatible/interchangeable with General Acoustic UltraLab ULS HF108**

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

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

- Canadian Free Trade Agreement (CFTA)*
 - Canada-Chile Free Trade Agreement (CCFTA)*
 - Canada-Colombia Free Trade Agreement*
 - Canada-Honduras Free Trade Agreement*
 - Canada-Korea Free Trade Agreement*
 - Canada-Panama Free Trade Agreement*
7. Exclusions and/or Limited Tendering Reasons
The following exclusion(s) and/or limited tendering reasons are invoked under the:
- Canada-Colombia Free Trade Agreement – Article 1409 (1) (b) (iii): due to an absence of competition for technical reasons;
 - Canada-Honduras Free Trade Agreement – Article 17.11 (2) (b) (iii): due to an absence of competition for technical reasons;
 - Canada-Korea Free Trade Agreement – referencing the WTO Protocol Amending the GPA, Article XIII (1) (b) (iii): due to an absence of competition for technical reasons;
 - Canada-Panama Free Trade Agreement – Article 16.10 (1) (b) (iii)
8. The system must be delivered on or before March 29, 2024.
9. The estimated value of this contract is \$151,017 CAD. There are no options.
10. The pre-identified supplier is:

General Acoustics E.K.
AM Kiel-Kanal 1
Kiel, Germany 24106

11. Suppliers who consider themselves fully qualified and available to provide the goods, services or construction 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.
12. The closing date and time for accepting statements of capabilities is December 12, 2023 at 2:00 p.m. EST.
13. Inquiries and submission of statements of capabilities Inquiries and statements of capabilities are to be directed to:
Carol Cooper, Senior Contracting Officer
902 293 8053
Carol.cooper@nrc-cnrc.gc.ca