Tendering Procedures: To all pre-qualified suppliers

Comprehensive Land Claim Agreement: No

Nature of Requirements: Autonomous Acoustic Recording Devices

THIS REQUEST IS RESERVED FOR HOLDERS OF SUPPLY ARRANGEMENT # FP920-170006 for ONLY, FOR THE PURCHASE OF AUTONOMOUS ACOUSTIC RECORDING DEVICES.

Only Suppliers currently pre-qualified on Supply Arrangement FP920-170006 have been invited to bid.

As a requirement of the Supply Arrangement, this notice is published on Buy and Sell Canada for a period of 15 calendar days. The closing date published on this notice identifies how long the notice will be published. For the closing date of any solicitation under the supply arrangement, invited suppliers should refer to the solicitation documents.

Suppliers that do not have a Supply Arrangement for the supply of Autonomous Acoustic Recording Devices with Public Works and Government Services Canada, cannot submit a bid. Any bids received from suppliers not pre-qualified on the Supply Arrangement will not be evaluated.

Requirement

The Department of Fisheries and Oceans has a requirement for the supply of 8 Autonomous Acoustic Recording Devices**.**

Optional Technical Criteria

No.	Optional Technical Criteria	Invoked (Yes or No)
O1	The AAR is able to sample the sound level with a high dynamic range (110 dB) (e.g. 24 bits with at least 19 usable bits above the AAR self-noise).	Yes
O2	The AAR frequency response over the recorded bandwidth has variation less than 3 dB from 10 Hz to 100 kHz or over the recorded bandwidth if smaller. Variation is less than 1.5 dB from 10 Hz to 1 kHz.	No
O3	The AAR clock has a maximum drift rate less than 2 µHz/Hz or ppm (parts per million) over the temperature range -5 °C to +35 °C.	No
O4	The AAR clock has a maximum drift rate less than 5 µHz/Hz or ppm (parts per million) over the temperature range -5 °C to +35 °C.	Yes
O5	The AAR has a minimum data storage capacity of 1 TB (terabyte) to accommodate long-term recordings on multiple channels, including for high-frequency sampling.	Yes
O6	The AAR has the capacity to monitor the ambient temperature and depth.	No
O7	The AAR has the possibility for easy programmable on-board processing.	No
O8	The AAR has the capacity to be precisely synchronized with other AARs when deployed to operate in a network.	No
O9	The AAR is suitable for deployment at water depths of 500 m or more.	Yes
O10	The AAR is powered on batteries that do not need special transport permits.	Yes
O11	The AAR data is easily downloadable without opening the instrument.	No

O12	The Supplier is able to lease the AAR.	No
O13	The Supplier is able to deploy, recover and service the AAR.	No
O14	The Supplier is able to offer or subcontract accessory equipment for the AAR (e.g. weights, acoustic releases, frames, floatation).	No
O15	The Supplier is able to design, engineer and construct an AAR deployment system (e.g. mounted moorings, drift moorings, autonomous underwater vehicle based system, recovery system).	No
O16	The Supplier is able to offer or subcontract integrated equipment capable of transmitting data collected from the AAR to the coast in real-time.	No
O17	The Supplier's engineer(s) or technician(s) are able to customize the AARs (for example: AAR is required to be mounted on special platforms such as autonomous underwater vehicles, gliders, buoys or be deployed for a specified amount of time in particular environments, such as high-tidal currents).	No
O18	The Supplier's engineer(s) or technician(s) are able to configure and upgrade the AAR based on development(s) of new technology(ies) (for example: adding more parameters).	No
O19	The Supplier's engineer(s) or technician(s) are able to refurbish the AAR should they sustain any damage.	Yes
020	The Supplier is able to demonstrate that they follow a quality control process, such as ISO 9001, for the manufacture of the AAR system.	No