

NOTICE OF PROPOSED PROCUREMENT

Solicitation number: 30005336

Nature of Requirements:

Description: The provision of pressure sensors the are compensated with conductivity for the Canadian Hydrographic Service Department of Fisheries and Oceans (DFO).

Trade Agreement: CFTA

Tendering Procedures: This request is reserved for holders of Supply Arrangement # **E60PV-19EQUI** only, for the purchase of laboratory and scientific equipment, parts and accessories, services and supplies.

Competitive Procurement Strategy: A bid must comply with the requirements of the bid solicitation and meet all mandatory technical evaluation criteria to be declared responsive. The responsive bid with the lowest evaluated price will be awarded the contract.

Comprehensive Land Claim Agreement: N/A

Only Suppliers currently pre-qualified on Supply Arrangement E60PV-19EQUI have been invited to bid.

As a requirement of the Supply Arrangement, this notice is published on Government Electronic Tendering Service (GETS) for a period of 40 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 Laboratory and Scientific Equipment, Parts and Accessories, Services and Supplies 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.

Suppliers may qualify under Supply Arrangement E60PV-19EQUI for Laboratory and Scientific Equipment, Parts and Accessories, Services and Supplies, at any time. Interested suppliers should download solicitation document E60PV-19EQUI from Canada Buys (SAP Ariba) and submit a response as per the requirements of the Request for Supply Arrangement.

The following SA Holders have been invited to submit a proposal:

1. Alpha Controls & Instruments Inc.
2. Aquatic Life Ltd.
3. Beadedstream LLC
4. Campbell Scientific (Canada) Corp.
5. Canadawide Scientific
6. EGE Consultant
7. Geneq
8. Hoskins Scientific Limited
9. Safe Leaf Extract Solutions Inc.
10. VWR International Ltd.

Description of the requirement:

41114300	Hydrological Instruments
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Item Number	Description	Quantity
1	OTT/OTT HydroMet Water Level Sensor PLS-C, or equivalent. Data logger compatible communication cable connected, atmospheric pressure compensated submersible pressure probe including pressure, conductivity and temperature sensing elements employing SDI communications used to accurately measure water levels based on differential pressure measurement and density compensated water level calculation.	10

Mandatory technical criteria:

ITEM	CRITERIA
M1	The bidder must demonstrate that the pressure sensor is of robust long lasting design sufficient to reliably provide accurate water level measurements following CHS accuracy requirements (see M2 onward) over the challenging environmental conditions experienced during extended in-situ field deployments (typically up to a year between servicing intervals) at CHS tide gauges.
M2	The bidder must demonstrate that the pressure sensor's calculated water level measurement provides an accuracy of at least +/- 0.05% of FS over the full ranges of both temperature and conductivity measurement expected in a typical temperate estuarine environment where water salinity can range from fully fresh to fully typically oceanic values and temperature ranges from zero to up to 30 Celsius.
M3	The bidder must demonstrate that the pressure sensor is made of 316 or 904L SS or suitably salt water deployment compatible titanium alloy.
M4	The bidder must demonstrate that the pressure sensor provides water density compensated water level measurements.
M5	The bidder must demonstrate that the sensor communicates using SDI communication protocols.
M6	The bidder must demonstrate that the pressure sensor provides a differential, atmospherically compensated pressure measurement, typically employing an atmospheric vent tube
M7	The bidder must demonstrate the pressure sensor is capable of a sample rate down to at least 3-4 second interval.
M8	The bidder must demonstrate that the pressure sensor can be provided with a measuring range of 0-10M and cable length of 15M.
M9	The bidder must demonstrate that the sensor will fit inside a 2 inch diameter stilling well.
M10	The bidder must demonstrate that the pressure sensor's density measurement accounts for the in-situ dependence of both temperature and conductivity (salinity) on water density with sufficient accuracy to ensure
M 11	The bidder must demonstrate that the sensor's pressure sensing element is based on a non-deforming ceramic pressure cell.

The responsive bidder already holding a Supply arrangement for Laboratory and Scientific Equipment, Parts and Accessories, Services and Supplies from Public Works and Government Services Canada who

meets the mandatory technical criteria with the lowest aggregate price will be recommended for contract award.

Contracting Authority:

Name: Stephanie Patry

E-Mail: DFO.Tenders-Soumissions.MPO@dfo-mpo.gc.ca