

The U.S. Geological Survey intends to make a non-competitive award Teledyne RDI , a sole Proprietor located in Poway,CA to provide Vertical 2400 kHz ADCP to be delivered to Hydrological Instrumentation Facility located in Stennis Space Center, MS

There are no option periods.

YSI is a sole proprietor and is the only available source to provide required item

In accordance with FAR 5.207, all responsible sources may submit a bid, proposal or quotation which shall be considered by the agency, however, THIS NOTICE IS FOR INFORMATIONAL PURPOSES ONLY. THIS IS NOT A REQUEST FOR COMPETITIVE PROPOSALS. The Government intends to award this requirement noncompetitively in accordance with FAR 13.106-1(b)(1).

Email responses to hnair@usgs.gov or fax to 703-648-7899. Emailed responses are preferred.

The NAICS code is 334513. The size standard is 500employees.

The anticipated award date of the contract is 06/05/2014. The anticipated contract will be firm fixed-price. A vendor must be registered at <http://www.ccr.gov> to be awarded the contract.

JUSTIFICATION AND APPROVAL FOR ACQUISITION UNDER THE SIMPLIFIED ACQUISITION THRESHOLD

1. Contracting Agency and Activity. The Department of the Interior, United States Geological Survey Reston Acquisitions Branch, Reston, VA, plans to contract on a sole source basis. This document sets forth the justification and approval as required by FAR 13.106-1(b)(1) "Only One Source Reasonable Available".

2. Nature of Action Being Approved. The requested procurement is for a new non-competitive, firm fixed price contract with no options to Teledyne RDI USA.

3. Description of Supplies or Services. The U.S. Geological Survey (USGS), Water Resources Division, Hydrologic Instrumentation Facility (HIF), requests award of a non-competitive procurement to Teledyne RDI USA for the purchase of 3 V-ADCP 2400 kHz Doppler profilers.

This equipment will be delivered to, and used by the Hydrological Instrumentation Facility, Stennis Space Center, MS for technical evaluation.

The Hydrologic Instrumentation Facility (HIF) Instrument Evaluation Program has an ongoing need to acquire specific instrument and equipment makes and models to meet its obligation to the Water Mission Area (WMA) to be a reliable source of new technology that is appropriate and effective for USGS hydrologic data collection. The HIF performs evaluations of new, commercially-available, equipment on a continuing basis. HIF policy and practices associated with this activity can be found in:

<http://water.usgs.gov/hif/programs/instrumenteval/HIFEvaluationGuidance.pdf>

Specifically, this order includes:

- 3 each, V-ADCP RDI Vertical 2400 kHz Acoustic Doppler Current Profiler

This equipment is used to measure open streams and channels by mounting the device to the bottom and combining measured water depth and velocity to calculate discharge.

4. Estimated Dollar Value. The estimated value of this procurement is \$34,965.00.

5. Statutory Authority. The proposed action may be awarded on a sole source basis in accordance with FAR 13.106-1(b)(1) "Only One Source Reasonable Available".

6. Rationale Supporting Use of Citation in No. 5. Teledyne RDI USA maintains proprietary data rights to the equipment and has no other known authorized resellers. Teledyne RDI USA is the proprietary manufacturer of the equipment and they possess the technical knowledge and patents covering the intricate designs of the instrumentation and any accessory items associated with their instruments. The required equipment is of a highly specialized nature and integrates into several other systems in the USGS, which includes interfacing with data collection systems and telemetry platforms. This particular equipment is needed for testing purposes as described in

paragraph 7. The HIF tests equipment from all responsible manufacturers, so other manufacturers are not necessarily being excluded from testing as a result of this contract action.

7. Other Information. The HIF always strives to perform evaluations on equipment and instruments in the marketplace; in most cases three identical instruments are acquired and tested to increase statistical validity of the testing results. This practice attempts to limit actual and perceived conflicts of interest associated with loaned equipment. In addition it serves to decrease the possibility that vendors would “cherry pick” devices with performance characteristics exceeding those that can be achieved during normal manufacturing and fabrication processes.

This input is needed to ensure interoperability with existing network infrastructure, documented training expenses and potential down time associated with new and unfamiliar systems, a need for use of established communication protocols, a limitation imposed on the types of power systems that can be used at remote field sites, and the normal renewal and upgrade of technology that successful companies must continually practice. In addition, equipment needs to be obtained in a timely, and sometimes expedited, manner as new requests and priorities are regularly received, and the complexities associated with evaluating equipment in laboratory and field settings can result in shifting of timelines and work processes.

8. The Efforts to Identify Additional Sources Including the Market Research Conducted. This is technology that is being purchased to perform technical evaluations for suitability in field environments.

Teledyne RDI USA owns the patent for the Broadband technology used by the V-ADCP sensor that gives it the technological edge in superior resolution of the data. It is the only sensor capable of producing over 100 cells of data within a single profile. It is also the only system capable of self-contained data collection and meets the USGS need to accurately measure discharge within 5% of actual value.

9. Future Plans to Permit Competition. To promote competition, HIF continually tests new devices as they become available on the market. HIF routinely attends vendor conferences, trade shows, meetings, and conferences where vendors are present. HIF also attends local Business and Procurement Expositions in order to make vendors aware of USGS needs and business opportunities. HIF encourages vendors to develop and submit products that meet USGS requirements. In addition, HIF promotes visits from vendors to demonstrate and provide information about their products.

10. Recommendation Program Office

Based on the above, I recommend this acquisition be conducted on a sole source basis and certify that the above statements are true and correct.

[Redacted Signature]

5/29/14
Date

11. Certifications from the Contracting Officer

- a. The contracting officer has determined that the anticipated cost to the Government will be fair and reasonable on the basis of the comparison of the published price list provided by the vendor. According to the price list the vendor held previous year prices and included a 10% discount on top of that.
- b. This justification is accurate and complete to the best of my knowledge and belief.

[Redacted Signature]

Contracting Officer

Date

12. Concurrence by Competition Advocate >\$25,000 (DIAPR 2008-10 Enhancing

[Redacted Signature]

Bureau Competition Advocate

Date

The U.S Geological Survey (USGS) considers employee signatures to be Personal Protected Information, and therefore all employee signatures have redacted. By posting this document, the Contracting Officer attests all appropriate signatures have been obtained