

BRAND NAME 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 award of a new firm fixed price contract to HACH Hydromet, Inc. The period of performance is 3 months or less and is a single award.

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 HACH Hydromet for the purchase of specific conductance sensors with Digital Controllers and Cables. This self-cleaning water quality equipment is used to provide real-time specific conductance calculations in estuarine and fresh water environments. It operates unattended for extended periods of time.

4. Estimated Dollar Value. \$11,400.00

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 Only one responsible source and no other supplies or services will satisfy the agency requirements. HACH Hydromet is the original equipment manufacturer of the required equipment. HACH Hydromet maintains proprietary data rights to the equipment and has no known authorized resellers. The required equipment is of a highly specialized nature and integrates into other systems in the USGS. Purchase of another manufacturer's equipment would require modification to existing infrastructure to include writing new computer code or programs to integrate another manufacturer's equipment into the aforementioned systems. This modification of the existing infrastructure would not only cause serious delays in the procurement process due to stringent test requirements but also represents a substantial duplication, estimated to be tens of thousands of dollars of the government's cost.

Use and interfacing of another product(s) would require the following effort: (1) the equipment would have to be tested and proven to meet the manufacturer's and USGS specifications. (2) users would have to be trained on how to use and calibrate the new systems, (3) users would then have to integrate the product into the aforementioned USGS systems, (4) new decoding programs would have to be re-written to take the data output from the new system and convert it to an output that is acceptable for entry into the USGS National Water Information System (NWIS) for data consistency purposes, and (5) users would have to be trained on how to maintain the equipment and perform periodic maintenance inspections. The delays associated with testing the new equipment, receiving training, and interfacing the equipment into the existing infrastructure would be significant, at least 6-9 months.

We request to sole source this requisition to HACH Hydromet, as it is the only known source for this equipment that can meet equipment specifications and integration requirements in the area of real-time nitrate calculations to interface with existing equipment.

7. Other Information HACH Hydromet 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 Government's request is to sole source this requirement to HACH Hydromet as it will provide a continuity of equipment and standardization of repair parts to an existing infrastructure. The requested equipment runs on existing programs and will require no modification to programs in order to function seamlessly, saving the government time and money that would be required to integrate a similar product from another vendor. No other manufacturer can offer equipment that meets both the stringent measurement requirements written by the USGS and the integration requirements of the existing infrastructure.

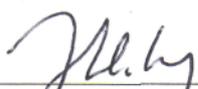
8. The Efforts to Identify Additional Sources Including the Market Research Conducted.

No other companies make equipment that is compatible with the existing equipment end items, software, etc. Market research will be conducted with each future acquisition to identify vendors with compatible equipment.

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.



Frank Henry, HIF Chief

6-5-14
Date

11. Certifications from the Contracting Officer

- a. The anticipated cost to the Government will be fair and reasonable based on public price list.
- b. This justification is accurate and complete to the best of my knowledge and belief.

Maria Seda, Contracting Officer

Date