

**SOLES SOURCE 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).

2. Nature of Action Being Approved. Purchase order for instrument upgrade for the NYWSC Troy Laboratory QuikChem 8000 System Unit. This is a firm fixed price purchase order, a nonrecurring requirement, and the shipping date will be 2 to 4 weeks after the requisition is received by Hach.

3. Description of Supplies or Services. Updated parts for the NYWSC Troy Laboratory's existing QuikChem 8000 analyzer.

4. Estimated Dollar Value. Estimated dollar value is \$27,280.68, no options.

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 Reasonably Available".

6. Rationale Supporting Use of Citation in No. 5. Hach is the manufacturer of the existing QuikChem 8000 instrument. The upgrade is only available through the original manufacturer. Some existing pieces of the system will be used for the upgrade.

7. Other Information. If the laboratory does not procure the upgrade through Hach, the laboratory would require the purchase of a new flow injection analyzer, or equivalent instrument, in the range of \$40,000 - \$60,000 from various sources.

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

A market search was not conducted. Hach is the sole manufacturer of the QuikChem analyzer.

9. Future Plans to Permit Competition. If, in the future, the QuikChem analyzer is no longer upgradeable, obsolete or becomes cost prohibitive to service, the Troy Laboratory will seek competitive bids from Hach and any other possible sources to replace the instrument.

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.

Tricia Lincoln, Chemist _____
Signature Date
J. Lincoln. 6/22/12

11. Certifications from the Contracting Officer

- a. The contracting officer must include a determination that the anticipated cost to the Government will be fair and reasonable with a short statement for the basis of that determination.
- b. This justification is accurate and complete to the best of my knowledge and belief.

Quellate _____ Date June 17, 2012
Contracting Officer

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

Jennifer Farrell, Bureau Competition Advocate _____
Date