



**STATE PROCUREMENT OFFICE
NOTICE & REQUEST FOR SOLE SOURCE**

13 JUN 20 AM 11:25

STATE PROCUREMENT OFFICE
STATE OF HAWAII

TO: Chief Procurement Officer

FROM: Health / State Laboratories Division
Name of Requesting Department

Pursuant to HRS §103D-306 and HAR chapter 3-122, Subchapter 9, the Department requests sole source approval to purchase the following:

1. Describe the goods, services, or construction to be procured.
The Elemental Scientific, Inc. (ESI) SC-4 DX FAST autosampler with prepFAST module is an autosampler system for use with an Inductively Coupled Plasma - Mass Spectrometer (ICP-MS) that allows high throughput sample analysis and offers advanced automation capability compared to other available ICP-MS autosamplers.

2. Vendor/Contractor/Service Provider Name: Elemental Scientific, Inc. PO Box 31396 Omaha, NE 68131-0396	3. Amount of Request: \$49,500.00
4. Term of contract (shall not exceed 12 months), if applicable: From: <u>7/1/13</u> upon CPO approval To: <u>6/30/14</u> 12 months	5. Prior SPO-001, Sole Source (SS) No.: n/a

6. Describe in detail the following:

a. The unique features, characteristics, or capabilities of the goods, service or construction.
The SC-4 DX FAST is capable of concurrent sampling and rinsing cycles that significantly reduces sample analysis time. The prepFAST utilizes a multiple syringe module with various barrel volumes for precise, inline dilution up to 200x. The prepFAST allows for autocalibration from a single high standard by selecting the desired calibration points and the prepFAST module performs all additional work. The prepFAST accurately mixes and dilutes calibrators, controls and samples inline and eliminates the need to deposit a portion of the sample and diluents into another tube that would need to be washed first. These dilutions and sample preparation procedures are currently performed by CRL chemists manually and are very time-consuming.

b. How the unique features, characteristics or capabilities of the goods, service or construction are essential for the department
The HI Department of Health Chemical Response Laboratory (CRL) is a CDC Chemical Laboratory Response Network (LRN-C) level 2 laboratory. The CRL is responsible for rapidly analyzing a large number of clinical samples in support of other LRN-C laboratories in the event of a mass casualty chemical exposure event. ICP-MS sample preparation time averages 30 samples/hour. A surge of 200 samples would require 7 hours of sample preparation time by a CRL chemist. The combination of features of the SC-4 DX FAST / prepFAST system would allow CRL to redirect this time towards data analysis and data reporting to provide faster test results critical for patient management. No other autosampler has this level of automation capability.

7. Describe the efforts and results in determining that this is the only vendor/contractor/service provider who can provide the goods, services or construction.

Efforts included internet searches, existing knowledge of ICP-MS vendors and ICP-MS related equipment vendors, and consultation with LRN-C subject matter experts.

8. Alternate source. Describe the other possible sources for the goods, services, or construction that were investigated but did not meet the department's needs.

No other autosampler is available that provides the combination of features of the SC-4 DX FAST / prepFAST system. The Cetac ASX-520 / ADX-500 is the only other autosampler that offers automated dilution but it is a single pump system with a limited dilution range. The amount of time savings provided by the Cetac system would vary depending on the concentration ranges of samples being analyzed and is not capable of fully automating the sample preparation steps for a complete set of samples. In addition, rather than inline dilution the Cetac utilizes a mixing chamber for dilutions that can increase the amount of sample carryover and/or contamination.

9. Identify the primary responsible staff person(s) conducting and managing this procurement. (Appropriate delegated procurement authority and completion of mandatory training required.)

*Point of contact (Place asterisk after name of person to contact for additional information).

Name	Division/Agency	Phone Number	E-mail Address
Rebecca H. Sciulli	SLD	453-5993	rebecca.sciulli@doh.hawaii.gov
Roger Hirata	DOCD / BT Branch	587-6599	roger.hirata@doh.hawaii.gov

Department shall ensure adherence to applicable administrative and statutory requirements, including HAR chapter 3-122, Subchapter 15, Cost or Pricing Data if required.

**All requirements/approvals and internal controls for this expenditure is the responsibility of the department.
I certify that the information provided is to the best of my knowledge, true and correct.**

Department Head Signature

6/19/13
Date

For Chief Procurement Officer Use Only

Date Notice Posted: 6/21/13

Submit written objection to this notice to issue a sole source contract within seven calendar days or as otherwise allowed from date notice posted to:

state.procurement.office@hawaii.gov

Chief Procurement Officer (CPO) Comments:

Approval is based on the department's determination that the SC-4 DX FAST and prepFAST module allow for quick and accurate mixing and diluting of calibrators, controls and samples inline and eliminates the need for use of a separate tube. The combination of the SC-4FAST and prepFAST system will replace the current time-consuming process and allow the saved time to be redirected towards data analysis and data reporting to provide faster test results critical for patient management. This approval is for the period 07/01/13 to 06/30/14 and is for the solicitation process only, HRS section 103D-310(c) and HAR section 3-122-112, shall apply (i.e. vendor is required to be compliant on the Hawaii Compliance Express) and award is required to be posted on the Awards Reporting System. Copies of the HCE certificate and awards posting are required to be documented in the procurement/contract file. When processing payment to vendor the department shall attach a current compliant HCE certificate with the invoice for payment.

If there are any questions, please contact Wendy Ebisui at 586-0563, or wendy.mo.ebisui@hawaii.gov.

Approved

Disapproved

No Action Required

Charles J. [Signature] 7/1/2013
Chief Procurement Officer Signature Date