

# STATE OF HAWAII REQUEST FOR SOLE SOURCE

TO: Chief Procurement Officer

FROM: Health/State Laboratories/Environmental Health Analytical Services Branch  
(Department/Division/Agency)

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

<p>Description of goods, services, or construction:</p> <p>Two Agilent Technologies fully automated gas chromatographs (GC), one with dual micro electron capture detectors (ECD) and the other with ECD and nitrogen-phosphorus detectors (NPD).</p>
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STATE PROCUREMENT OFFICE  
STATE OF HAWAII  
05 FEB -2 10:14

<p>Name of Vendor: Agilent Technologies</p> <p>Address: 2859 Centerville Road, BU3-2 Wilmington, DE 19808-1610</p>	<p>Cost:</p> <p>GC with Dual ECD (\$49,324.81)</p> <p>GC with ECD/NPD - (\$46,852.37)</p>
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<p>Term of Contract: From: To:</p>	<p>Prior Sole Source Reference No:</p>
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<p>The goods, services, or construction has the following unique features, characteristics, or capabilities:</p> <p>Agilent Technologies utilizes proprietary software on their gas chromatographs for instrument control and processing of raw data.</p>
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How the unique features, characteristics, or capabilities are essential for the agency to accomplish its work:

The Chemical Incident Section of the EHAS Branch is funded by a CDC Bioterrorism grant for homeland security. This CDC Homeland Security grant specifies that all GC's be Agilent Technologies equipment. These CDC instruments will be used exclusively to identify hazardous organic substances such as nerve agents and cyanide in human specimens. In the event of a chemical emergency the Branch will be called upon to analyze environmental as well as human specimens. By standardizing the laboratory on Agilent Technology analysts will need to be trained on only one type of software and equipment. Due to the complexity of GC instrumentation analysts are normally assigned and trained on a specific instrument. In the event of a chemical emergency all available staff and appropriate instrumentation will need to be utilized. Mistakes and loss of time will result if chemists are not routinely familiar with an instrument. The requested instruments will be routinely used for drinking water analysis. Standardization and familiarization will enhance analytical efficiency and accuracy at time when these elements are crucial. Currently, most the Branches GC's are Agilent Technology (formerly Hewlett Packard) equipment.

How the unique features, characteristics, or capabilities are essential for the agency to accomplish its work:

See Attached Sheet.

The following other possible sources for the goods, services, or construction were investigated but do not meet our needs because:

Agilent Technologies is the sole vendor of GC's in the required configuration.

Direct Questions To: Wanda Chang

Phone: 453-6683

I certify that the information provided above is to the best of my knowledge, true, correct and that the goods, services, or construction are available through only one source.

*Chrymone J. Fulino, MD*

JAN 31 2005

Department/Agency Head

Date

Title (If other than Department/Agency Head)

Chief Procurement Officer's Comments:

A solicitation that lists a particular manufacturer's model and specifications but allows for an approved equal to be offered will allow DOH to see if any equipment is available from other manufacturers.

Please ensure adherence to applicable administrative and statutory requirements.

Expenditure may be processed through a purchase order: Yes  No . If no, a contract must be executed and funds certified.

Approved

Denied

*Chrymone J. Fulino*  
Chief Procurement Officer

2/15/05  
Date

Jusan

05 JAN -7 10:37

Attachment:

How the unique features, characteristics, or capabilities are essential for the agency to accomplish its work:

The SLD Chemistry Branch provides services to ensure public safety for food, drinking water, water pollution, and air quality. Homeland Security through Centers of Disease Control and Prevention has funded a Chemical Incident Section in the SLD EHAS. CDC Homeland Security grant specifies that all GC's be Agilent Technologies equipment. These CDC instruments will be used exclusively to identify hazardous organic substances such as nerve agents and cyanide in human specimens. Chemical incidents vary from natural disasters, accidents or spills, to deliberate acts of terrorism. A response to such incidents requires a comprehensive laboratory effort to provide data to determine what chemical contamination occurred, the human exposure, clean up/remediation, and when it is safe to re-open the area. Analyses for a chemical incident includes various types of samples. At EHAS, chemists help each other with the surge of samples and with the different types of inorganic and organic analytical determinations to solve a problem. Due to the complexity of gas chromatography instrumentation, analysts are normally assigned and trained on a specific instrument. In the event of a chemical emergency all available staff and appropriate instrumentation will need to be utilized. Having chemists who are cross-trained and are able to switch to other automated instrumentation, detectors, and data handling is extremely important in responding to a chemical incident. Having similar chromatography systems and especially similar software is extremely important in order for chemists from other EHAS groups to assist in the analyses when these emergencies occur. It requires weeks or months for an analyst to become proficient with the operating and data processing software of complex analytical instrumentation. Even operating a complex instrument after being away from it for a while is frequently time consuming. Having similar instrumentation and operating software from one company is vital to the smooth operation of a laboratory. A chemist's experience with complex analytical instrumentation is important to maintain accuracy, precision, and meet the quality control requirements. Also, a LIMS system is being installed at the SLD. Interfacing similar instruments and software for data handling will be most cost effective and provide efficient data handling from similar gas chromatographs. The requested instruments will be routinely used for drinking water analyses. Gas chromatography systems at EHAS are predominately Agilent (formerly Hewlett Packard). Continuing purchasing more Agilent gas chromatographs not only provides top-of-the-line instruments but has the unique features for chemists from other EHAS groups to perform critical analyses accurately and efficiently during a chemical incident.

2/2/05  
 per Wanda Chang  
 these 2 equipments  
 are not part of  
 the grant. CDC  
 will not specify  
 that only  
 Agilent  
 Technology  
 can be  
 purchased  
 in  
 WCA.  
 CT

**STATE OF HAWAII  
NOTICE OF SOLE SOURCE**

The Chief Procurement Officer is in the process of reviewing the request from the Department of Health  
\_\_\_\_\_ for the sole source purchase of the following goods, services, or construction:

Two (2) Agilent Technologies fully automated gas chromatographs (GC), one with dual micro electron capture detectors (ECD) and the other with ECD and nitrogen-phosphorus detectors (NPD).

**Vendor:** Agilent Technologies

**Address:** 2859 Centerville Road, BU 3-2  
Wilmington, DE 19808-1610

<b>Term of Contract:</b>	<b>From:</b>	<b>To:</b>	<b>Cost:</b>
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**Direct any inquiries to:**

**Department:** Health

**Contact Name/Title:** Wanda Chang  
Public Health Chemical Lab Manager

**Address:** 2725 Waimano Home Road  
Peal City, Hawaii 96782

**Phone Number:**  
(808)453-6683

**Fax Number:**  
(808)453-6685

A copy of this notice of sole source shall be posted by the Chief Procurement Officer and the purchasing agency in an area accessible to the public, at least seven calendar days prior to any approval action.

Submit written objections to this notice to issue a sole source contract within seven calendar days from the date this notice was posted to:

Chief Procurement Officer  
Office/Agency DAGS, State Procurement Office  
Address P.O. Box 119  
Honolulu, HI 96810

Date Notice Posted: 2/2/05

SS Number: 50-40-C