



STATE PROCUREMENT OFFICE
NOTICE & REQUEST FOR SOLE SOURCE

06 OCT 24 AIC 137

STATE OF HAWAII
OFFICE OF THE STATE COMPTROLLER

- 1. TO: Chief Procurement Officer
2. FROM: Health/State Labs/EHASB-Air
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:

3. Description of goods, services, or construction:
Provide spare parts, consumables, and services for the following Thermo Electron air monitoring equipment:
42C, 42i, 43C, 43i, 45C, 48C, 48i, 49C, 49i, 111, 146C, 340, and 1160.

4. Vendor Name: Thermo Electron Corporation
Address: 27 Forge Parkway
Franklin, MA 02038
Date of CPO Approval

5. Price:
\$75,000

6. Term of Contract:
(mm/dd/yyyy) From: 10/1/2006 To: 9/30/2007

7. Prior Sole Source Ref No.

8. Feature: The good, service, or construction has the following unique features, characteristics, or capabilities:
Sole vendor.

9. Essential features. How the unique features, characteristics, or capabilities are essential for the agency to accomplish its work: Spare parts, consumables, accessories, upgrades and repairs are only available from Thermo Electron Corporation. These monitors (see above) are used in the state's ambient air monitoring network.

11. Alternate source. The following other possible sources for the good, service, or construction were investigated but do not meet our needs because: Sole vendor

12. Direct any inquiries to:
Department: Health
Contact Name/Title: Henry Yee/Chemist V

13 Phone Number:
808-453-6620
Fax Number:
808-453-6640

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

Agency shall ensure adherence to applicable administrative and statutory requirements.

14. 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.

Henry Yee
Department Head

OCT 20 2006
Date

Reserved for SPO Use Only

15 Date Notice Posted: 10/26/06

Submit written objections to this intent to issue a sole source contract within seven calendar days or as otherwise allowed from the above posted date to: Chief Procurement Officer
State Procurement Office
P.O. Box 119
Honolulu, Hawaii 96810-0119

16. Chief Procurement Officer's comments:

Approval is from 11/02/06 – 9/30/07.

17.
 APPROVED DISAPPROVED NO ACTION REQUIRED

Alan S. Fujita 11/02/06
Chief Procurement Officer Date



Date: 9/28/06

Henry Yee
Hawaii State Department of Health
Air Surveillance & Analysis Section
2725 Waimano Home Road
Pearl City, HI 96782

Tel: 808-453-6620

This letter is to advise Hawaii State Department of Health that Thermo Electron is the sole manufacturer of its products. In the US, there are two manufacturing facilities for Air Quality Instruments, one located in Franklin, MA and the second in East Greenbush, NY. These facilities are responsible for the processing of all orders for AQI instruments as well as the related spare parts and services for end use in the US. Please direct all purchases for the following products, spare parts, and services to the respective corporate office.

In addition to instrument manufacturing in the US, Thermo Electron has an air monitoring systems assembly facility in Waldron, AR. The Waldron facility designs, assembles, and tests Thermo Electron's ambient and source air monitoring systems. All purchase requisitions and orders for these systems should be directed to the Waldron facility.

If you have any questions regarding this matter, please contact Scott Riggi, Director of Sales at our main office at (866) 282-0430 or Tim Morphy, Pacific Coast Regional Sales Manager at (559) 271-2267. A full list of products and ordering locations can be found on the following attached pages. We thank you for your interest in our products and look forward to being of service to Hawaii State Department of Health.

Sincerely,

Timothy
Morphy

Digitally signed by Timothy Morphy
DN: cn=Timothy Morphy, o=US, ou=Thermo
Electron, ou=EID, email=timothy.
morphy@thermo.com
Reason: I am the author of this document
Date: 2006.09.29 09:55:47 -0700

THERMO ELECTRON

Tim Morphy
Pacific Coast Regional Sales Manager
559-271-2267 ph
tim.morphy@thermo.com

Environmental Instruments
Air Quality Instruments

27 Forge Parkway

Franklin, MA
02038

(508) 520-0430
(866) 282-0430
(508) 520-1460 fax

www.thermo.com/tei

Formerly doing business as Thermo Andersen,
Thermo Environmental Instruments, Thermo GasTech,
Thermo MIE, and EPM Environmental



Air Monitoring Products Manufactured by Thermo Electron – Franklin, MA

Thermo Electron
27 Forge Parkway
Franklin, MA 02038

866-282-0430 ph
508-520-2800 fax

Product Model	Product Description
15C	Gas Filter Correlation HCl Analyzer
17C	Ambient NH3 Analyzer
41C	Gas Filter Correlation CO2 Analyzer (Low Level)
41C-HL	Gas Filter Correlation CO2 Analyzer (High Level)
42C	Chemiluminescent Ambient NO/NO2/NOx Analyzer
42C-D	Chemiluminescent Source NOx (Only) Analyzer
42C-LS	Chemiluminescent Low Source NO/NO2/NOx Analyzer
42C-HL	Chemiluminescent Source NO/NO2/NOx Analyzer
42C-TL	Chemiluminescent Trace Level NO/NO2/NOx Analyzer
42C-Y	Chemiluminescent Low Level NO/NO2/NOy Analyzer
43C	Pulsed Fluorescence Ambient SO2 Analyzer
43C-HL	Pulsed Fluorescence Source SO2 Analyzer
43C-TL	Pulsed Fluorescence Ultra-Sensitive SO2 Analyzer
43C-TLE	Pulsed Fluorescent Enhanced Trace Level SO2 Analyzer
45C	Pulsed Fluorescence Ambient H2S-SO2-CS Analyzer
450C	Pulsed Fluorescence Ambient H2S-SO2-CS Analyzer
450C-TL	Pulsed Fluorescence Ultra Sensitive Ambient H2S-SO2-CS Analyzer
46C	Gas Filter Correlation N2O Analyzer
46C-HL	Gas Filter Correlation High Level N2O Analyzer
48C	Gas Filter Correlation CO Analyzer
48C-HL	Gas Filter Correlation CO Analyzer (High Level)
48C-TL	Gas Filter Correlation CO Analyzer (Low Level)
48C-TLE	Gas Filter Correlation CO Enhanced Trace Level Analyzer
49C	U.V. Photometric O3 Analyzer
49C-PS	U.V. Photometric O3 Calibrator (Primary Standard)
50	Multi Point Sampler
51C-LT	Total Hydrocarbon Analyzer (FID) - Heated (100 degrees C)
51C-HT	Total Hydrocarbon Analyzer (FID) - Heated (200 degrees C)
55C	Direct Methane, Non-Methane Hydrocarbon Analyzer (GC-FID)
100B	NOx Generator
102N	Dynamic Single Point NO-NO2-NOx-O3 Calibrator
102S	Dynamic Single Point SO2 Calibrator
102NS	Dynamic Single Point NO-NO2-NOx-O3-SO2 Calibrator
111	Zero Air Supply for NOx-O3-SO2 (with 10LPM Compressor)
146C	Microprocessor Based Multigas Calibrator
200LS	Single Stack Probe Controller
200LD	Dual Stack Probe Controller
220	Ultrasonic Flow Monitor
340	H2S to SO2 Low Temperature Converter
440	Opacity Monitor with Remote Controller
1160	Zero Air Supply for Ambient Analyzers (With 10 LPM Compressor)



15i	Gas Filter Correlation Hci Analyzer
42i	Chemiluminescent NO-NO2-Nox Analyzer
42i-D	Chemiluminescent NoX Only Analyzer
42i-HL	Chemiluminescent NO-NO2-Nox Analyzer (High Level)
42i-LS	Chemiluminescent Low Source NO-NO2-Nox Analyzer
42i-TL	Chemiluminescent Trace Level NO/NO2/NOx Analyzer
42i-Y	Chemiluminescent NO-Noy Analyzer
43i	Pulsed Fluorescent SO2 Analyzer
43i-HL	Pulsed Fluorescent High Level SO2 Analyzer
43i-TLE	Pulsed Fluorescent Enhanced Trace Level SO2 Analyzer
48i	Gas Filter Correlation CO Analyzer
48i-HL	Gas Filter Correlation CO Analyzer
48i-TLE	Gas Filter Correlation Trace Level CO Analyzer
49i	U.V. Photometric Ozone Analyzer
49i-PS	Gas Filter Correlation CO Analyzer
80i	Model 80i HG Analyzer
81i	Model 81i Mercury Calibrator
82i	Model 82i Top Level Config.
83i	Model 83i Top Level Config.
146i	146i Multigas Calibrator
410i	Optical Filter Correlation CO Analyzer
5020	Sulfate Particulate Analyzer
5030	SHARP Ambient particulate air monitor
5012	MAAP Ambient particulate carbon air monitor
FH62 C14	BAM Ambient particulate air monitor

Air Monitoring Products Manufactured by Thermo Electron – East Greenbush,

NY

Thermo Electron EGB
 26 Tech Valley Drive
 East Greenbush, NY 12061

518-452-0065 ph
 518-452-0067 fax

Product Model	Product Description
1400	TEOM Series ambient particulate air monitor
2000	Partisol Series single event ambient particulate air sampler
2000-FRM	Partisol Series single event FRM ambient particulate air sampler
2000-D	Partisol Series single event Dichotomous ambient particulate air sampler
2100	Mini-Partisol Series portable single event particulate air sampler
2300	Partisol Series sequential speciation air sampler (4- and 12-channel)
8500	FDMS Series ambient particulate air monitor
8100	Aethalometer module for TEOM Series 1400
3500	ChemComb cartridge for speciation air sampling
5400	Ambient particulate carbon air monitor
8400N	Ambient particulate nitrate air monitor
3400	ChemPass personal air sampler
2400	ChemVol toxics air sampler
3020	DustScan personal air monitor



3030	DustScan environmental air monitor
1105	TEOM Series diesel particulate air monitor
7000	TEOM Series source particulate air monitor
6100	Microdiluter air sampling system for TEOM Series 1105
6186	Diesel FRM exhaust filter holder system

Air Monitoring Systems by Thermo Electron – Waldron, AR

Thermo Electron Waldron 479-637-4152 ph
203 Fir Street 479-637-2687 fax
Waldron, AR 72958

** The following list represents some of the more common air monitoring systems and is not meant to be all-inclusive.

Product

- Complete ambient air monitoring system – NO_x-NO₂-NO, CO, SO₂, O₃
- Complete stationary source air monitoring system – NO_x-NO₂-NO, CO, SO₂, CO₂, O₂
- H₂S/SO₂ ambient air monitoring system
- TRS/H₂S/SO₂ stationary source air monitoring system
- Total hydrocarbon air monitoring system
- NO_x/CO stationary source air monitoring system
- SO₂ ambient air monitoring system
- Pro400 extractive sampling probe
- Pro902C dilution extractive sampling probe
- Pro2000W dilution extractive sampling probe
- Series 302 dilution sampling probe
- Series 797 dilution sampling probe