CW 01 10

**TO:** ***Joyce M. Grossnickle, Administrative Officer***

**FROM:** Harold E Good, Purchasing Director **DATE:** November 26, 2008

| | |
|---|---|
| **Subject:** Pur Memo 09-110 Approve Purchase of Gas Chromatograph & Mass Spectrometer System utilizing GSA Contract Pricing | |
| **Presenter (Name & Title):** Harold E Good, Purchasing Director | |
| **Requested Date:** 12/4/08 | **Phone:** 11047 |

**Type of Briefing:** ***(Click box to select)*** ☑ Administrative Business ☐ Worksession ☐ Closed Session

☐ BOCC/BOE Mtg ☐ County/Municipal Mtg ☐ BOCC Evening Mtg

**Board Action Desired:** ☑ Decision ☐ Guidance ☐ Information

**Staff Coordination:** This topic has been **thoroughly** coordinated with the following Division/Department Directors, and they will have representatives at the presentation *(click to place a check mark in the appropriate box)*

| | Staff | Initials | Date | Comments |
|---|---|---|---|---|
| | County Attorney | | | |
| | County Manager | | | |
| | Finance Director | | | |
| | Budget Officer | | | |
| | Fire Emergency Director | | | |
| | Management Services Director | | | |

| | Staff | Initials | Date | Comments |
|---|---|---|---|---|
| | Permitting & Development Review Director | | | |
| | Planning Director | | | |
| | Public Works Director | | | |
| | Utilities and Solid Waste Management Director | | | |
| | Elected Officials | | | |
| | Independent Agencies | | | |
| ✓ | Other Purchasing Department | HEG/ch | 11-26-08 | |

Attachments ☑ Yes ☐ No

**PLEASE NOTE:** The **original and 10 copies** of all attachments (including the coordination sheet) are required for the Board of County Commissioners' meetings, which includes the Joint BOCC/BOE Meeting and the County/Municipal Meeting

If you are scheduled for a **Closed Session**, then you only need to submit the **original and nine (9) copies** of the back-up material Back-up materials are due to the Administrative Officer ONE WEEK IN ADVANCE of the meeting If materials are not received in a timely manner, you will be asked to reschedule your item

## BID AWARD CONCURRENCE CHECK OFF AND INFORMATION SHEET

The Board of County Commissioners has requested the following information be provided for all bid awards Special emphasis has been placed on receiving the concurrence of all County Departments that may have any involvement in a procurement action Please complete, including concurrence signatures, and include it with the bid award recommendation

1 Procurement Item and Bid # Procurement of Gas Chromatograph & Mass Spectrometer (GC/MS) System

2 Name and phone number of staff person to be contacted regarding this procurement and will be present for the bid award recommendation Terri Snyder-Kolovich x11597

| 3 Types of funds | | Acct #'s | Available Budget Balances |
|---|---|---|---|
| 1 Capital | ☒ | 584310-55603-580000 | |
| 2 Operating | ☐ | | |
| 3 Enterprise | ☐ | | |
| 4 Other | ☐ | | |

4 Source of funds
1 County ☐ 3 Federal ☐
2. State ☐ 4 Other ☐

### Concurrence List

*(Check applicable staff/department(s) and obtain signature(s))*

☐ Sheriff
- ☐ Administration Bureau
- ☐ Corrections Bureau
- ☐ Operations Bureau

☐ State's Attorney

☐ County Attorney
☐ County Manager

☐ Animal Control
☐ Human Relations
☐ Human Resources
☐ TransIT
☐ Office of Economic Development

☒ Finance Division Director — JRK 11/25/07
- ☐ Accounting
- ☒ Budget — MJ Naulty 11/25/07
- ☐ Purchasing
- ☐ Treasury

☐ Parks & Recreation Div Director

☐ Public Works Division Director
- ☐ Construction Management & Inspection
- ☐ Highways & Transportation
- ☐ Program Development & Management

☒ Utilities and Solid Waste Management Div Director — See Attached Dept Memo
- ☐ Engineering & Planning
- ☐ Solid Waste
- ☐ Water & Sewer

☐ Planning Division Director
- ☐ Planning
- ☐ Land Preservation

☐ Permitting and Dev Review Div
- ☐ Dev Review Engineering
- ☐ Dev Review Planning
- ☐ Office of Life Safety
- ☐ Permits and Inspections

☐ Management Services Div Dir
- ☐ Facility Services
- ☐ Fleet Services
- ☐ General Services
- ☐ Logistical Services
- ☐ Maintenance

☐ Health Services Division Dir
- ☐ Developmental Center
- ☐ Environmental Health
- ☐ Mental Health
- ☐ Nursing Services
- ☐ Scott Key Center
- ☐ Substance Abuse

☐ Citizens Services Division Dir
- ☐ Department on Aging
- ☐ Family Partnership
- ☐ Head Start
- ☐ Housing
- ☐ Job Training Agency
- ☐ Office for Children & Families
- ☐ Human Relations

☐ Fire & Rescue Services Div Dir
- ☐ Operations
- ☐ Support Services
- ☐ Training

☐ Interagency Info Tech Div Dir
- ☐ Data
- ☐ Video
- ☐ Voice

☐ Emergency Planning and Management Div Director
- ☐ Emergency Communications
- ☐ Emergency Preparedness
- ☐ Volunteer Fire & Rescue

INDEPENDENT AGENCIES
- ☐ Frederick County Public Libraries
- ☐ Board of Education
- ☐ Frederick Community College
- ☐ Department of Social Services
- ☐ Citizens Nursing Home & Montevue Home
- ☐ Liquor Commission
- ☐ Interagency Internal Audit Auth

OTHER _____

Purchasing Revised 08/14/07

# FINANCE DIVISION
# FREDERICK COUNTY, MARYLAND

*Department of Purchasing*

Winchester Hall • 12 East Church Street • Frederick, Maryland 21701
301-600-1069 • FAX 301-600-2521 • TTY Use Maryland Relay
www co frederick md.us

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John R Kroll
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DEPARTMENT OF PURCHASING

Harold E (Hal) Good, CPPO
*Director*

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www charactercounts org

November 25, 2008

TO: Board of County Commissioners

FROM: Harold E. Good, CPPO, Purchasing Director

RE. Approve Purchase of Gas Chromatograph and Mass Spectrometer System utilizing GSA Contract Pricing, (GSA Contract GS-26F-5944A)

MEMO: #09-110

Background.

Department of Regulatory Compliance is requesting the purchase of equipment collectively totaling $140,349.56 to perform critical water quality testing and to maintain compliance with public health and safety regulations. The equipment will be used in a comprehensive testing program to optimize water treatment and distribution techniques in an effort to minimize the concentrations of THMs and HAA5 found in our drinking water.( See department report attached) Analysis will be performed in the Department of Regulatory Compliance's Environmental Laboratory.

Two different vendors provide components of the desired system Agilent Technologies provides the Gas Chromatograph and Mass Spectrometer component of the system and OI Analytical manufactures the purge and trap concentrator and auto sampler. Both vendors have offered to extend Frederick County GSA pricing, with Agilent (GSA Contract GS-26F-5944A) offering an additional 2% savings. Collectively, the system cost will be $140,349.56 (Agilent, $109,449 61; OI, $30,899 05).

Agilent Technologies is the premier manufacturer of Gas Chromatograph and Mass Spectrometer equipment utilized by government agencies with similar requirements to ours. Agilent has numerous instrument placements in Maryland including the Maryland Department of Environment, Federal Bureau of Investigation, and the Maryland State Police.

Funding for this purchase is through a BOCC approved FY 2009 capital funding request in the amount of $200,000 (58-4310-55603-580000)

Approval is requested.

HEG/tak
cc: File
T. Snyder-Kolovich
M Schweitzer
M. Marschner

# UTILITIES AND SOLID WASTE MANAGEMENT DIVISION
# FREDERICK COUNTY, MARYLAND

*Department of Regulatory Compliance*

4520 Metropolitan Court • Frederick, Maryland 21704

(301) 600-2297 • FAX (301) 600-2998 • TTY· Use Maryland Relay

www.co.frederick.md.us



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*Deputy Director*

DEPARTMENT OF REGULATORY COMPLIANCE

Mark A. Schweitzer
*Department Head*

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## MEMORANDUM

**To:** Harold Good, Director, Purchasing

**Thru:** Michael G. Marschner, Director, Division of Utilities and Solid Waste Management

Mark A. Schweitzer, Department Head, Department of Regulatory Compliance

**From:** Terri A. Snyder-Kolovich, Environmental Laboratory Supervisor

**Date:** November 20, 2008

**RE:** Procurement of Gas Chromatograph and Mass Spectrometer (GC/MS) System

**Background:**

The Environmental Protection Agency has established regulations for disinfection byproducts in drinking water. These compounds consist primarily of groups of chemicals called Trihalomethanes (THM) and Haloacetic Acids (HAA5). The Stage 2 Disinfectants and Disinfection Byproduct Rule will impose stricter limits on these compounds when compliance begins on our New Design Water System in 2013.

DUSWM requested funds in the FY 2009 Capital Budget to procure instrumentation to perform the analysis of these compounds at our Environmental Laboratory. This equipment will be used in a comprehensive testing program to optimize water treatment and distribution techniques in an effort to minimize the concentrations of THMs and HAA5 found in our drinking water.

**Authority Limit**

Per Purchasing Rules and Regulations revised Sept. 23, 2004, Section 1-2-27 under Capital Improvement Projects, the Board of County Commissioners (BoCC) shall award contracts in excess of $30,000.

**Budget Implications**

The BoCC approved a FY 2009 capital purchase request for a GC/MS System in the amount of $200,000 (58-4310-55603-580000). This instrumentation is not available by any single vendor listed in Schedule 70 of the GSA contract. Two different vendors provide components of this system. Agilent Technologies provides the GC/MS component of the system and OI Analytical manufactures the purge and trap concentrator and autosampler. Both vendors have offered to extend Frederick County GSA pricing, with Agilent (GAS Contract GS-26F-5944A) offering an additional 2% savings. Collectively, the system cost will be $140,349.56 (Agilent, $109,449.61; OI, $30,899.05)

**Recommendation**

The Department of Regulatory Compliance is requesting the purchase of this equipment collectively totaling $140,349.56 to perform critical water quality testing in an effort to maintain compliance with public health and safety regulations. Agilent Technologies is the premiere manufacturer of this technology with numerous instrument placements in Maryland including the Maryland Department of Environment, Federal Bureau of Investigation, and the Maryland State Police.

**Attachments:**

Agilent Technologies Quotation

OI Analytical Quotation

**Agilent Technologies**

# Quotation

Terri Snyder-Kolovich
Frederick County
Div of Utilities and Waste Management
7400 Marcies Choice Ln
FREDERICK MD 21704

TEL 3016001597 FAX 301

| Quote No. | Create Date | Delivery Time | Page |
|---|---|---|---|
| 794429 | 11/18/2008 | 7 Weeks | 1 of14 |

| Contact | Phone no. | Valid to |
|---|---|---|
| George Steele | 866-288-0320 | 01/17/2009 |

To place an order Call 1-800-227-9770 Option 1
For Instruments Fax 302-633-8953
For Consumables Fax 302-633-8901
Email lscainstrumentsales@agilent com
For additional instructions, see last page

| Product/Description | Qty/Unit | Unit List Price | Discount Amount | Extended Net Price |
|---|---|---|---|---|
| **G3440A** Agilent 7890A series GC includes LAN interface, 7683 interface, 20-ramp oven programming, 6 heated zones, 2 analog out, keyboard & display Pressure setpoints to 0 001psi (0-99psi) | 1 000 EA | **11,723.00 USD** | **2,344 60-** | **9,378 40** |
| With the following configuration | | | | |
| Ship-to Country USA | | | | |
| Capillary S/SI inlet with EPC | 1 EA | 3,646 00 USD | 729 20- | 2,916 80 |
| Micro Electron Capture Detector with EPC | 1 EA | 5,858 00 USD | 1,171 60- | 4,686 40 |
| Micro Electron Capture Detector with EPC | 1 EA | 5,858 00 USD | 1,171 60- | 4,686 40 |
| Factory plumbing For quick installation | 1 EA | 405 00 USD | 81 00- | 324 00 |
| Oven exhaust deflector | 1 EA | 143 00 USD | 28 60- | 114 40 |
| Installation (44K) | 1 EA | 1,216 00 USD | 243 20- | 972 80 |
| Familiarization at Installation (44L) | 1 EA | 670 00 USD | 134 00- | 536 00 |
| | | **Item Total** | | **23,615.20** |

Special discount of 20 00 % is applied

A General License Registration Card for certificationhas been included with this quotation In order to comply with the NRC state agency U S Customers and Puerto Rico must have this certification on file before the electron capture detector (ECD) will be sold or shipped Prior to order entry this card must be forwarded with your purchase order Please complete the information and the end user's name, title and telephone who will be responsible for the ECD To expedite matters, fax this card to 302-633-8953

**Agilent Technologies**

# Quotation

Terri Snyder-Kolovich
Frederick County
Div of Utilities and Waste Management
7400 Marcies Choice Ln
FREDERICK MD 21704

TEL 3016001597 FAX· 301

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For Instruments Fax . 302-633-8953
For Consumables Fax 302-633-8901
Email lscainstrumentsales@agilent com
For additional instructions, see last page

| Product/Description | Qty/Unit | Unit List Price | Discount Amount | Extended Net Price |
|---|---|---|---|---|
| **G2913A**<br>7683B Autoinjector Module<br>Includes one transfer turret, one 8-sample turret, 6890 injector mounting post, and small "parking" post for GC | 1 000 EA | **5,601 00 USD** | **1,120 20-** | **4,480 80** |
| With the following configuration<br>Ship-to Country USA | | | | |
| Installation (44K) | 1 EA | 304 00 USD | 60 80- | 243 20 |
| Familiarization at Installation (44L) | 1 EA | 203 00 USD | 40 60- | 162 40 |
| | | **Item Total** | | **4,886 40** |
| Special discount of 20 00 % is applied | | | | |
| **123-3832**<br>DB-35MS 30m, 0 32mm, 0 25um | 1 000 EA | **565 00 USD** | **113 00-** | **452.00** |
| | | **Item Total** | | **452 00** |
| Special discount of 20 00 % is applied | | | | |

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| Product/Description | Qty/Unit | Unit List Price | Discount Amount | Extended Net Price |
|---|---|---|---|---|
| **123-1236**<br>DB-XLB 30 m, 0,32 mm, 0,50 um | 1 000 EA | **571 00 USD** | **114.20-** | **456 80** |
| | | **Item Total** | | **456.80** |
| Special discount of 20 00 % is applied | | | | |
| **5183-4644**<br>2 Stage Reglatr,brass,125psi max, CGA580 | 1 000 EA | **306 00 USD** | **61 20-** | **244 80** |
| | | **Item Total** | | **244 80** |
| Special discount of 20 00 % is applied | | | | |
| **5183-4642**<br>2 Stage Reglatr,brass,125psi max, CGA350 | 1 000 EA | **306 00 USD** | **61 20-** | **244 80** |
| | | **Item Total** | | **244 80** |
| Special discount of 20 00 % is applied | | | | |

**Agilent Technologies**

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Frederick County
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7400 Marcies Choice Ln
FREDERICK MD 21704

TEL 3016001597 FAX 301

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|---|---|---|---|
| 794429 | 11/18/2008 | 7 Weeks | 4 of14 |

| Contact | Phone no | Valid to |
|---|---|---|
| George Steele | 866-288-0320 | 01/17/2009 |

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For Instruments Fax . 302-633-8953
For Consumables Fax 302-633-8901
Email Iscainstrumentsales@agilent com
For additional instructions, see last page

| Product/Description | Qty/Unit | Unit List Price | Discount Amount | Extended Net Price |
|---|---|---|---|---|
| **G3242A**<br>5975C inert MSD/DS Std Turbo EI Bundle<br>for use with 7890A,6890 & 6850 GC<br>Includes G3171A MSD,ChemStation (Win XP)<br>G1701EA SW, PC, LaserJet printer NOT<br>INCLUDED G3397A Ion gauge<br>controller | 1 000 EA | **61,155 00 USD** | **12,231.00-** | **48,924 00** |
| With the following configuration<br>Ship-to Country USA<br>Installation (44K)<br>Familiarization at Installation (44L)<br>1 Year SW Upgrade/Phone Assist (44W)<br>1YR PC Repair Recovery Service (0TP) | | | | |
| | | **Item Total** | | **48,924 00** |
| Special discount of 20 00 % is applied | | | | |
| **G3397A**<br>Ion Gauge Controller for use w/ 5975 MSD | 1 000 EA | **1,487 00 USD** | **297 40-** | **1,189 60** |
| With the following configuration<br>Ship-to Country USA<br>Installation (44K) | 1 EA | 391 00 USD | 78 20- | 312 80 |
| | | **Item Total** | | **1,502 40** |
| Special discount of 20 00 % is applied | | | | |

**Agilent Technologies**

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| Product/Description | Qty/Unit | Unit List Price | Discount Amount | Extended Net Price |
|---|---|---|---|---|
| **G3442A**<br>Agilent 7890A GC for 5975 Series MSD<br>Agilent 7890A GC for 5975 Series MSD<br>Includes 100psi split/splitless inlet,<br>LAN interface and interface for 5975<br>Series MSD<br><br>With the following configuration<br>Ship-to Country USA<br>Installation (44K)<br>Familiarization at Installation (44L) | 1 000 EA | **17,143 00 USD** | **3,428.60-** | **13,714 40** |
| | | **Item Total** | | **13,714 40** |
| Special discount of 20 00 % is applied | | | | |
| **G1716AA**<br>DRS is an add-on SW to G1701EA MSD<br>ChemStation Requires but does not<br>include G1701EA E 02 or greater, and<br>NIST D 05 02/AMDIS 2 65 or greater<br>I&F NOT included | 1 000 EA | **2,515.00 USD** | **503 00-** | **2,012 00** |
| | | **Item Total** | | **2,012 00** |
| Special discount of 20 00 % is applied | | | | |

**Agilent Technologies**

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| Contact | Phone no. | Valid to |
|---|---|---|
| George Steele | 866-288-0320 | 01/17/2009 |

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For Consumables Fax 302-633-8901
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| Product/Description | Qty/Unit | Unit List Price | Discount Amount | Extended Net Price |
|---|---|---|---|---|
| **G1033A**<br>NIST 2008 MS library bundle includes 220k spectra with names and chemical structures, 293k Kovacs retention indices, MS/MS Spectra Lib, and NIST search & AMDIS programs | 1 000 EA | **3,824.00 USD** | **764 80-** | **3,059 20** |
| With the following configuration<br>Ship-to Country USA | | | | |
| Installation (44K) | 1 EA | 507 00 USD | 101 40- | 405 60 |
| | | **Item Total** | | **3,464 80** |
| Special discount of 20 00 % is applied | | | | |
| **G1038A**<br>Pesticide MS Spectral Library includes 300 compounds Requires 1MB CD ROM | 1 000 EA | **908 00 USD** | **181 60-** | **726 40** |
| With the following configuration<br>Ship-to Country USA | | | | |
| Installation (44K) | 1 EA | 507 00 USD | 101 40- | 405 60 |
| | | **Item Total** | | **1,132 00** |
| Special discount of 20 00 % is applied | | | | |

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| Product/Description | Qty/Unit | Unit List Price | Discount Amount | Extended Net Price |
|---|---|---|---|---|
| **121-1324**<br>DB-624 20m, 0 18mm, 1 00um | 1 000 EA | **394 00 USD** | **78 80-** | **315 20** |
| | | **Item Total** | | **315 20** |
| Special discount of 20 00 % is applied | | | | |
| **5183-4644**<br>2 Stage Reglatr,brass,125psi max CGA580 | 1 000 EA | **306 00 USD** | **61 20-** | **244 80** |
| | | **Item Total** | | **244 80** |
| Special discount of 20 00 % is applied | | | | |

**Agilent Technologies**

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For Consumables Fax 302-633-8901
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| Product/Description | Qty/Unit | Unit List Price | Discount Amount | Extended Net Price |
|---|---|---|---|---|
| **H2149A**<br>Chemical Analysis Application Consulting Provides on-site assistance For consulting, training, documentation and implementation services Requires option | 1 000 EA | | | |
| With the following configuration<br>Ship-to Country USA<br>Three Day On-site (Includes Travel) | 1 EA | 7,200 00 USD | | 7,200 00 |
| | | **Item Total** | | **7,200 00** |
| **19199M**<br>Installation Kit for GCs w/out gas purifiers Includes leak detection fluid, swage-type fittings, copper tubing, syringes, screw-drivers and wrenches | 1 000 EA | **388 00 USD** | **77 60-** | **310 40** |
| | | **Item Total** | | **310 40** |

Special discount of 20 00 % is applied

**Agilent Technologies**

# Quotation

Terri Snyder-Kolovich
Frederick County
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7400 Marcies Choice Ln
FREDERICK MD 21704

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| George Steele | 866-288-0320 | 01/17/2009 |

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| Product/Description | Qty/Unit | Unit List Price | Discount Amount | Extended Net Price |
|---|---|---|---|---|
| **G2590-60053**<br>EI High Temp filament for 5973 inert | 1 000 EA | **110 00 USD** | **22 00-** | **88 00** |
| | | **Item Total** | | **88 00** |
| Special discount of 20 00 % is applied | | | | |
| **05988-20066**<br>Column nut SGE fitting | 1 000 EA | **14 50 USD** | **2 90-** | **11 60** |
| | | **Item Total** | | **11 60** |
| Special discount of 20 00 % is applied | | | | |
| **5183-4757**<br>Non-Stick BTO Inlet Septa 11mm 50 pk<br>Non-Stick Bleed & Temperature Optimized<br>11mm inlet septa, max temp 400c<br>in Tri-Fold Blister Pack of 50 | 1 000 PK | **78.12 USD** | **15 62-** | **62 50** |
| | | **Item Total** | | **62 50** |
| Special discount of 20 00 % is applied | | | | |

**Agilent Technologies**

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|---|---|---|
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For additional instructions, see last page

| Product/Description | Qty/Unit | Unit List Price | Discount Amount | Extended Net Price |
|---|---|---|---|---|
| **5184-3570**<br>SilTite Metal Ferrules, 1/16" x 0 5mm ID<br>10 per pack | 1 000 KT | **97 03 USD** | **19 41-** | **77 62** |
| | | **Item Total** | | **77 62** |
| Special discount of 20 00 % is applied | | | | |
| **5062-3506**<br>15% Graphite/85% Vespel ferrules 10/PK<br>for capillary direct or open-split<br>interface<br>0 5mm, 320um | 1 000 PK | **62 47 USD** | **12 49-** | **49 98** |
| | | **Item Total** | | **49 98** |
| Special discount of 20 00 % is applied | | | | |
| **05971-60571**<br>PFTBA SAMPLE KIT | 1 000 EA | **169 00 USD** | | **169 00** |
| | | **Item Total** | | **169.00** |

**Agilent Technologies**

# Quotation

Terri Snyder-Kolovich
Frederick County
Div of Utilities and Waste Management
7400 Marcies Choice Ln
FREDERICK MD 21704

TEL 3016001597 FAX 301

| Quote No. | Create Date | Delivery Time | Page |
|---|---|---|---|
| 794429 | 11/18/2008 | 7 Weeks | 11 of14 |

| Contact | Phone no | Valid to |
|---|---|---|
| George Steele | 866-288-0320 | 01/17/2009 |

To place an order Call 1-800-227-9770 Option 1
For Instruments Fax · 302-633-8953
For Consumables Fax 302-633-8901
Email · lscainstrumentsales@agilent com
For additional instructions, see last page

| Product/Description | Qty/Unit | Unit List Price | Discount Amount | Extended Net Price |
|---|---|---|---|---|
| **5183-4759**<br>Non-Stick Adv Green Inlt Septa 11mm 50pk<br>Non-Stick Advanced Green Inlet Septa<br>11mm inlet septa, max temp 350c<br>in Tri-Fold Blister Pack of 100 | 1 000 PK | **66 78 USD** | **13 36-** | **53 42** |
| | | **Item Total** | | **53 42** |
| Special discount of 20 00 % is applied | | | | |
| **18740-80200**<br>Insert, direct injection | 1 000 EA | **18.20 USD** | **3 64-** | **14 56** |
| | | **Item Total** | | **14 56** |
| Special discount of 20 00 % is applied | | | | |
| **5188-5367**<br>Gold Plated Inlet Seal with Washer | 1 000 EA | **35.51 USD** | **7 10-** | **28 41** |
| | | **Item Total** | | **28 41** |
| Special discount of 20 00 % is applied | | | | |

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Email lscainstrumentsales@agilent com
For additional instructions, see last page

| Product/Description | Qty/Unit | Unit List Price | Discount Amount | Extended Net Price |
|---|---|---|---|---|
| **5062-3581**<br>2-Hole ferrule 1/16" to 0 5mm 10/PK<br>85% Vespel, 15% Graphite<br>1/16" to 0 5mm | 1 000 PK | **87 92 USD** | **17 58-** | **70 34** |
| | | **Item Total** | | **70 34** |
| Special discount of 20 00 % is applied | | | | |
| **05921-21170**<br>Column nut for Two-Hole Ferrules 1/16in | 1 000 EA | **17 83 USD** | **3.57-** | **14 26** |
| | | **Item Total** | | **14 26** |
| Special discount of 20 00 % is applied | | | | |
| **5182-9652**<br>Split/Splitless Seal Disk<br>Gold plated Stainless Steel | 1 000 EA | **44.84 USD** | **8 97-** | **35 87** |
| | | **Item Total** | | **35.87** |
| Special discount of 20 00 % is applied | | | | |

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| 794429 | 11/18/2008 | 7 Weeks | 13 of14 |

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For Consumables Fax 302-633-8901
Email · lscainstrumentsales@agilent com
For additional instructions, see last page

| Product/Description | Qty/Unit | Unit List Price | Discount Amount | Extended Net Price |
|---|---|---|---|---|
| **5181-3316**<br>Deactivated liner | 1 000 EA | **31 54 USD** | **6 31-** | **25 23** |
| | | **Item Total** | | **25 23** |
| Special discount of 20 00 % is applied | | | | |
| **5188-6568**<br>Liner,MS Certified,splitls,sngl tpr,D,GW | 1 000 EA | **36.02 USD** | **7.20-** | **28 82** |
| | | **Item Total** | | **28 82** |
| Special discount of 20 00 % is applied | | | | |

| | | |
|---|---|---|
| Gross Amount | $ | 134,969 76 |
| Total Discount | $ | 25,520 15 |
| **Total** | **$** | **109,449 61** |

**Agilent Technologies**

# Quotation

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1) Visit http //www agilent com/chem/supplies to place online orders using a purchase order or credit card
2) Call 1-800-227-9770 (option 1) any weekday between 8am and 8 pm Eastern time in the U S , Canada & Puerto Rico
3) To place an order for Consumables, please fax the order to 302-633-8901
   To place an instrument and/or software order, please fax the order to 302-633-8953
4) Or you can mail your order to
   Agilent Technologies
   North American Customer Contact Center
   2850 Centerville Road BU3-2
   Wilmington, DE 19808-1610

To place an order, the following information is required
Purchase order number or credit card, delivery date, ship to, invoice to, end user, and quote number
GSA customers please provide GSA contract #

EXCLUSIVE OFFERS FOR NEW INSTRUMENT CUSTOMERS, go to www agilent com/chem/exclusiveoffers

TO CHECK THE STATUS OF AN ORDER

1) Visit www agilent com/chem/supplies to check the status of your order
2) Call 1-800-227-9770 (option 1) any weekday between 8 am and 8 pm Eastern time, in the U S , Canada & Puerto Rico You will need to know the purchase order or credit card number the order was placed on

FINANCING AND LEASING - A wide range of options are available from Agilent's preferred financing partner, GE Capital Solutions For more information or to discuss how monthly payments could suit your operational or budgetary requirements, contact your Agilent Account Manager

TERMS AND CONDITIONS

Pricing Web prices are provided only for the U S in U S dollars All phone prices are in local currency and for end use
Applicable local taxes are applied
All Sales Tax is subject to change at the time of order
Shipping and Handling Charges Orders with a value less than $2000 or those requiring special services such as overnight delivery may be subject to additional shipping & handling fees Some of these charges may be avoided by ordering via the Web
Payment Terms Net 30 days from invoice date, subject to credit approval

* Quotation Validity This quotation is valid for 60 days unless otherwise indicated
* Warranty period for instrumentation is 1 year The Warranty period for columns and consumables is 90 days

The Delivery Time reflected is based on availability at the time of quotation and is only a guideline for delivery receipt Order specific Delivery Time will be determined at order placement and is subject to current availability

It is Agilent Technologies intent to ship product at the earliest available date unless specified otherwise

The sale of standard Products and Services referenced in this quotation is subject to the then current version of Agilent's Terms of Sale, and any LSCA Supplemental Terms or other applicable terms referenced herein If any Products or Services are manufactured, configured or adapted to meet Customer's requirements, the sale of all Products and Services referenced in this quotation is subject to the then current version of Agilent s Terms of Sale for Custom Products and any LSCA Supplemental Terms or other applicable terms referenced herein A copy of Agilent s Terms of Sale, Agilent's Terms of Sale for Custom Products and the LSCA Supplemental Terms is either attached or has been previously provided to you Please contact us if you have not received a copy or require an additional copy If you have a separate agreement in effect with Agilent covering the sale of Products and Services referenced in this quotation, the terms of that agreement will apply to those Products and Services Agilent expressly objects to any different or additional terms in your purchase/sales order documentation, unless agreed to in writing by Agilent Product and Service availability dates are estimated at the time of the quotation Actual delivery dates or delivery windows will be specified at the time Agilent acknowledges and accepts your purchase order The above conditions shall apply to the fullest extent permitted by the law You may have other statutory or legal rights available Commodities, technology or software exported from the United States of America ("U S ") or from other exporting countries will be subject to the U S Export Administration Regulations and all exporting countries' export laws and regulations Diversion contrary to U S law and the applicable export laws and regulations is prohibited

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oimail@oico com www oico com

PO Box 9010, College Station, Texas 77842-9010 151 Graham Road (979) 690-1711 FAX (979) 690-0440

# Quotation

**Customer Number:** 5446360
Terry Snyder-Kolovich
FREDERICK COUNTY
DIVISION OF UTILITIES AND WASTE
MANAGEMENT
7400 MARCIES CHOICE LANE
FREDERICK MD 21704
USA
**Phone:** 301-600-1597
**Fax:**

| | |
|---|---|
| **Reference Number:** 9644 | **Page 1 of 2** |
| **Quote Date:** 10/2/2008 | **Expiry Date:** 11/28/2008 |
| **Terms.** | **Currency:** USD |

| | |
|---|---|
| **Sales Contact.** | **Territory.** 10200 |

| Qty/Unit | Item | Description | Unit Price | Extended Price |
|---|---|---|---|---|
| 1 00 EA | 321606 | **MODEL-4660 ECLIPSE P&T 115V**<br>Model 4660 Eclipse Purge and Trap Concentrator<br>Eclipse Sample Concentrator with integrated, Color touchscreen user interface operating in a Windows CE environment OI's patented Cyclone Water Management System, Electronic Pressure monitoring with one button automatic system leak check, Rapid Trap Heating and cooling, sparge foam filter, with 200-method storage, 55-method sample sequencing capability, self-diagnostics Silcosteel sample pathway, 48" Silcosteel transfer line, Ethernet/LAN connection standard for direct network connections without the need to use RS-232, Eclipse PC Software included INCLUDES 5 ft of Copper tubing with nut and ferrule, 3 ft 1/8" teflon drain line, sparge mount heater, fuses, 4 ft 1/16" SS tubing, 2 each Valco low volume 1/16" union and fittings and, 5 mL frit Sparger and Teflon ferrules, #10 (Tenax/silica gel/CMS) trap, Luer-lock fitting adapter, sparger wrench, P&T test mixture standard, Vent tube plug, fuses, stylus, instruction manual and Software on CD For 115 VAC 50/60 Hz operation<br>20 00 % Discount | 13,104.00 | 13,104 00 |
| 1.00 EA | 321710 | **MODEL-4551A VIAL AUTOSAMPLER FOR 4660**<br>Model 4551A Vial Autosampler For Eclipse P&T - 40-mL Vials (100-230V)<br>Model 4551A Vial Autosampler is a 51 position VOA multisampler that interfaces to the Model 4660 Eclipse Sample Concentrator The Model 4551A individually transfers water and lightly particulated water samples from standard 40ml VOA vials to the common sparger on the sample concentrator Basic unit is configured with a 5mL sample loop The 4551A provides the most rapid overall cycle time for P&T autosamplers providing maximum laboratory productivity Includes Model 4551A vial autosampler for all voltages, startup kit, and users manual<br>20 00 % Discount | 10,568.00 | 10,568.00 |
| 1.00 EA | 316828 | **MODULE-SAM-STDS.ADDITION 4551A**<br>Standards Addition Module for the Model 4551A, SAM allows for automated 1 0uL internal Standard/Surrogate injections at definable sampling intervals Standards are added to the sample during tranfer to the sparge vessel This option contains two seperate standard reserviors, cables necessary tubing for install and manual<br>20 00 % Discount | 4,280.00 | 4,280.00 |

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P O Box 9010, College Station. Texas 77842-9010 151 Graham Road (979) 690-1711 FAX (979) 690-0440

# Quotation

**Customer Number:** 5446360
Terry Snyder-Kolovich
FREDERICK COUNTY
DIVISION OF UTILITIES AND WASTE
MANAGEMENT
7400 MARCIES CHOICE LANE
FREDERICK MD 21704
USA
**Phone:** 301-600-1597
**Fax:**

| | |
|---|---|
| **Reference Number:** 9644 | **Page 2 of 2** |
| **Quote Date:** 10/2/2008 | **Expiry Date·** 11/28/2008 |
| **Terms:** | **Currency.** USD |

| | |
|---|---|
| **Sales Contact:** | **Territory:** 10200 |

| Qty/Unit | Item | Description | Unit Price | Extended Price |
|---|---|---|---|---|
| 1.00 EA | 252213 | **CABLE-HNDSHK 6890/6850/7890**<br>Handshake cable that connects from the Agilent 6890 or 6850 remote start connector to an OI purge-and-trap cable<br>5 00 % Discount | 82.65 | 82 65 |
| 1 00 EA | 300954 | **OPT-AGILENT H-CABLE REMOTE AGILENT-6890**<br>5 00 % Discount | 241 30 | 241 30 |
| 1.00 EA | 216234 | **INSTALL-IN-FIELD P&T/MASS SPEC** | 998.00 | 998 00 |
| 1.00 EA | 214080 | **INSTALL-IN-FIELD MULTISAMPLER** | 630.00 | 630.00 |
| 1 00 EA | 198093 | **SVC-051-100 MILES ZONE 3** | 546.00 | 546.00 |
| 1.00 EA | 321645 | **SHIPPING- & HANDLING DOMESTIC FREIGHT** | 450 00 | 450 00 |
| 0 00 EA | 321518-3 | **PREMIUM SC 4660 ECLIPSE Z3**<br>**OPTIONAL SERVICE CONTRACT** | 1,772 00 | 0 00 |
| 0.00 EA | 321519-3 | **SELECTIVE SC 4660 ECLIPSE Z3**<br>**OPTIONAL SERVICE CONTRACT** | 2,110 00 | 0 00 |
| 0 00 EA | 321336-3 | **PREMIUM SVC CNTR 4551A Z3**<br>**OPTIONAL SERVICE CONTRACT** | 2,148 00 | 0.00 |
| 0.00 EA | 321337-3 | **SELECTIVE SVC CNTR 4551A Z3**<br>**OPTIONAL SERVICE CONTRACT** | 2,410.00 | 0 00 |
| 0.00 EA | 321364-3 | **PREMIUM SVC SAM MOD Z3**<br>**OPTIONAL SERVICE CONTRACT** | 940.00 | 0 00 |
| 0.00 EA | 321365-3 | **SELECTIVE SVC SAM MOD Z3**<br>**OPTIONAL SERVICE CONTRACT** | 1,360.00 | 0 00 |

This order for equipment, parts or services is expressly limited to acceptance of OI's Terms and Conditions of Sale (available at www oico com <http //www oico com>) By accepting these items, you indicate your acceptance of those terms in their entirety Any different or additional terms are expressly rejected by OI unless agreed to in writing

| | |
|---|---|
| **Sale Amount:** | 30,899.95 |
| **Sales Tax:** | 0.00 |
| **PST Sales.** | 0.00 |
| **Misc Charges** | 0.00 |
| **Total Amount·** | 30,899.95 |

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