

**SERIAL 05130 S**

**MEDICAL EXAMINER LAB EQUIPMENT MAINTENANCE &  
REPAIR**

**DATE OF LAST REVISION: June 26, 2008**

**CONTRACT END DATE: October 31, 2011**

**CONTRACT PERIOD THROUGH OCTOBER 31, ~~2008~~ 2011**

**TO:** All Departments

**FROM:** Department of Materials Management

**SUBJECT:** Contract for **MEDICAL EXAMINER LAB EQUIPMENT MAINTENANCE &  
REPAIR**

Attached to this letter is published an effective purchasing contract for products and/or services to be supplied to Maricopa County activities as awarded by Maricopa County on **October 06, 2005**.

All purchases of products and/or services listed on the attached pages of this letter are to be obtained from the vendor holding the contract. Individuals are responsible to the vendor for purchases made outside of contracts. The contract period is indicated above.

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Wes Baysinger, Director  
Materials Management

SF/mm  
Attach

Copy to: Materials Management  
Nadine Reyes, Medical Examiner

(Please remove Serial 00211-SC from your contract notebooks)

SPECIFICATIONS ON INVITATION FOR BID FOR: **MEDICAL EXAMINER LAB EQUIPMENT  
MAINTENANCE & REPAIR**

1.0 **INTENT:**

The intent of this call for bids is to award a contract for maintenance and repair of Medical Examiner Laboratory Equipment, inclusive of computer equipment, as listed on Attachment A, to the lowest, responsive bidder fully meeting specifications. Equipment may be added or deleted from this contract as necessary. The Medical Examiner's Office is currently located at **701 West Jefferson Street, Phoenix, AZ 85007-2908**. *The County desires to make contract award to one (1) full service provider.* The contract resultant of this solicitation, is a requirements contract.

2.0 **TECHNICAL SPECIFICATIONS:**

2.1 GENERAL:

2.1.1 To perform routine preventive maintenance, repairs and trouble-shooting service by making such adjustments and configurations so as to render the equipment fully functional, following Contractor's trouble-shooting procedures to determine the specific problem, and replacement or recommendation concerning the replacement of such parts as may be required to maintain the equipment to manufacturer's specifications. Contractor's obligation, hereunder, shall relate to equipment adjustments and repairs necessitated by normal wear and tear during normal use for the period of time for which the contract charge has been made herein.

2.1.2 To perform equipment repairs as necessary between preventive inspections at no additional charge subject to terms and conditions. See Section 2.8 for response time requirements.

2.2 INITIAL INSPECTION:

It is expected that the Contractor will need to perform an initial inspection of the equipment upon award of the contract. This initial inspection shall be completed within one week of final contract award, pending arrangements with the Medical Examiner's Office. Repairs that are necessary to bring the instruments up to the manufacturer's operating specification will be priced on a time and materials basis.

2.3 WARRANTY:

Contractor warrants replacement parts furnished under this agreement to be free of defects in material and workmanship; if reconditioned parts are used, they are to be equivalent to new parts in performance. The Contractor agrees to provide all service herein specified and warrants replacement parts under normal use from date of installation until the termination of this agreement.

2.4 PARTS REPLACEMENT:

Contractor's Maintenance Representative shall carry a complete set of parts for all electronic, analytical, and mechanical repairs. If a service part is unavailable, the Contractor will order it and request next business day delivery.

2.5 **COMPUTER EQUIPMENT REPLACEMENT (COUNTY OPTION)**

**At the option of the County, the contractor may be requested to provide a pricing quotation for certain computer related equipment, such as computers, monitors, or printers that cannot be repaired to the manufacturer's specifications with a computer, monitor, or printer of the same manufacturer and model. This section addresses only that computer equipment which is unique and integral to a given "lab system". Computer equipment determined to be beyond reasonable economical repair, with the concurrence of the County, of which the manufacturer has discontinued the model, shall be replaced by a comparable model from the same manufacturer having equivalent functionality, i.e., an un-repairable computer that has a DVD-**

**R or CD-R unit will be replaced by a computer that has a DVD-R or CD-R unit having the same functionality as the one it replaces. In all cases that equipment types referenced in this section, with the concurrence of the County, requires replacement, the contractor shall provide a written price quotation to the Medical Examiner's Office, for that specific piece of equipment. The price quotation shall be inclusive of and in full accordance with the cost plus percentage stated on Attachment A (Pricing Page). The Medical Examiner's Office will determine that the price offered is fair and reasonable, and will advise the contractor, of their determination. Following replacement of equipment, Contractor will set up and configure the equipment so that it is fully functional to the requirements of the Office of the Medical Examiner.**

2.6 CONSUMABLE PARTS:

Contractor is not responsible for replacement or repair of the following consumable items: injector liners, septa, columns, ferrules, glassware, **gas-liquid chromatography (GC)** needles, NPD beads, jets, traps, gas filters, electron multipliers, lamps, cells, filaments, dryers, and reaction tubes.

2.7 RECORDS OF SERVICE:

The contractor shall maintain a record of all service performed on each machine. This service record shall be available and furnished for review if requested by the County. The service record shall be an individual record, identifying each piece of equipment explicitly **by serial number**, with the complete history of dated service beginning with the award of this contract. This record shall at a minimum set forth:

- 2.7.1 Time the County placed the service request.
- 2.7.2 Time contractor's maintenance representative arrived on site.
- 2.7.3 Explicit identification of machine(s) serviced and a record of the EXACT service action, including parts replaced, if any.
- 2.7.4 Problem initially reported by the County and the name of the County employee who placed the call.
- 2.7.5 Time of completion of the call and actual hours spent on service.
- 2.7.6 The maintenance representative's judgment as to whether the service was billable or not billable.

2.8 RESPONSE TIME:

- 2.8.1 The contractor shall provide the county with a designated point of contact and make arrangements to enable maintenance representatives to receive requests for maintenance service.
- 2.8.2 The definition of business hours for purposes of telephone support and on-site service calls is Monday through Friday between the hours of 8:00 a.m. and 5:00 p.m. Arizona time, with the exception of national holidays.
- 2.8.3 Telephone response time will not be longer than **four (4) business hours** after a service call has been made. It is acceptable for the Service Representative to ask the analyst to try various troubleshooting techniques before opening a service call. The maximum troubleshooting time is **four (4) business hours**.
- 2.8.4 On-Site response time will not be longer than 24 hours after a service call has been opened. On-Site response time shall be measured from the time the County first placed a call to the contractor's maintenance service to when the maintenance representative arrives on site ready to perform required service. A County representative will be on-site with the Maintenance Representative at all times.

- 2.8.5 Each failure to meet the required response time will be recorded by the using agency. Failure to meet the response time requirement will result in the initiation of the County's default policy.
- 2.8.6 **All contacts pertaining to this contract shall be directly with authorized County staff. The names/titles of these individuals will be made available to the Contractor after contract award is made final.**

2.9 PREVENTATIVE MAINTENANCE:

- 2.9.1 A detailed listing of services performed during a Preventative Maintenance visit must be provided with bid response.
- 2.9.2 The dates of PMs will be determined by the Medical Examiner's Office.
- 2.9.3 Repairs are not to supercede PMs.
- 2.9.4 At a minimum, the following requirements apply to the preventative maintenance of each piece of equipment.

2.9.4.1 Mass Selective Detectors

Preventative Maintenance (PM) service will be scheduled bi-annually. PM visits will include replacement of pump oils and electromechanical check-out, **GC/MS interface line cleaning and rethreading or replacement.**

2.9.4.2 Headspace Instruments

Preventative Maintenance (PM) service will be scheduled bi-annually. PM visits will include sensor cleaning, teflon (**PTFE**) **cleaning and** lubrication of all moving parts and electromechanical check-out.

2.9.4.3 Gas Chromatograph

Preventative Maintenance (PM) service will be scheduled bi-annually. PM visits will include sensor cleaning, teflon lubrication of all moving parts and electromechanical check-out. **Solvent flush injection port carrier gas inlet liner on all gas chromatographs not used for volatiles analysis.**

2.9.4.4 **High Performance Liquid Chromatograph (HPLC)**

**Pursuant to manufacturer's recommended semiannual schedule, Preventive Maintenance (PM) for the Waters 2690 HPLC system shall include Replacement of: solvent reservoir filters, the plunger, plunger seal, face seals, inlet check valve cartridges, in-line filter element, syringe, needle assembly, and injection port seat; Reconditioning of the injector valve; and solvent cleaning of the injector X-Y positioning tracks.**

2.9.4.5 **Printers**

**Preventive Maintenance (PM) service will be scheduled per manufacturer's specifications and will consist of attention to parts covered in manufacturer's "maintenance kit."**

2.10 LABORATORY PERSONNEL:

Only adequately trained laboratory personnel will operate instruments under this contract. Laboratory personnel will explain to the Maintenance Representative all circumstances that led to the instrument failure. Consumable items referenced in Section 2.5 required to complete the repair will be provided by the County.

2.11 OPERATING CONDITIONS:

The County will maintain a controlled climate as stated in the manufacturer's specifications. Power requirements will be maintained at all times. It is understood that instrument failure due to power fluctuations or power loss will not be covered under this contract.

2.12 RELOCATION OF INSTRUMENTS:

At the County's request that the Maintenance Representative relocate equipment, time will be billed at the hourly labor rate. Instrument failure during relocation by the Maintenance Representative shall be the responsibility of the Contractor. Instrument failure during relocation by the County in the absence of the Maintenance Representative will not be covered by this contract and repairs will be billed using the time and materials rates in Attachment A.

2.13 LOCAL SERVICE:

The Contractor shall have and maintain a local maintenance representative within the Phoenix metropolitan area. The Contractor's maintenance representative shall not have a dual role of covering a sales territory.

2.14 ADDITION/DELETION OF EQUIPMENT:

Due to the contract length and changes in technology, the County reserves the right to add or delete equipment from this contract as necessary. The contract will be modified to reflect all additions/deletions of equipment. In the event that new equipment is added that requires a maintenance program, the County will solicit pricing from the Contractor and the initial inspection referenced in Section 2.2 will apply.

2.15 SERVICE AGREEMENTS:

Maricopa County does not intend to sign a vendor service agreement.

2.16 SUBCONTRACTING:

The Contractor may not assign this Contract or Subcontract to another party for performance of the terms and conditions hereof without the written consent of the County. All correspondence authorizing subcontracting must reference the Bid Serial Number and identify the job project.

2.17 QUALIFIED MAINTENANCE REPRESENTATIVES:

Contractor will provide copies of manufacturer training certificates and a resume for all Maintenance Representatives who may be servicing the equipment listed in this solicitation. In the event that the Contractor has personnel changes, the Contractor will submit manufacturer training certificates and resumes for the new Maintenance Representative(s) to both the Medical Examiner's Office and to Materials Management. The cover letter provided with the certificate(s) must indicate the contract number 00211-SC.

2.18 BILLING:

It is the intent of Maricopa County to utilize the Purchase Card to make monthly annual maintenance payments. Please refer to Sections 3.7, 3.8, and 3.9 for further discussion regarding Purchase Card payments. Acceptance of purchase card for monthly payments, as well as prompt payment discounts offered, will be taken into consideration when determining contract award.

2.19 BID RESPONSE REQUIREMENTS (ALSO SEE 3.11):

PLEASE SUBMIT TWO COPIES OF YOUR BID! The following items must be included in the bid response or the bid will be deemed non-responsive and will not be considered:

- 2.19.1 A detailed listing of services performed during a Preventative Maintenance visit for each piece of equipment listed in Attachment A.
- 2.19.2 A resume and manufacturer training certificates for each Maintenance Representative who may be servicing the equipment listed in this solicitation.
- 2.19.3 Attachment A
- 2.19.4 Attachment B (must have original signature)
- 2.19.5 Attachment C (**At least three** references must be forensic **toxicology** laboratory clients)

**2.20 LOANER EQUIPMENT**

In the event that equipment repairs are determined to take more than 72 hours from the on-site arrival of the maintenance representative, the Contractor must provide loaner equipment that is equal to the equipment under repair. Loaner equipment must remain in use at the Medical Examiner's Toxicology laboratory until repairs to County equipment are complete.

**2.21 USAGE REPORT:**

The Contractor shall furnish the County a quarterly usage report delineating the acquisition activity governed by the Contract. The format of the report shall be approved by the County and shall disclose the quantity and dollar value of each contract item by individual unit.

**2.22 DELIVERY:**

It shall be the Contractor's responsibility to meet the County's service delivery requirements, as called for in the Technical Specifications. Maricopa County reserves the right to obtain services on the open market in the event the Contractor fails to make service delivery and any price differential will be charged against the Contractor.

**3.0 SPECIAL TERMS & CONDITIONS:**

**3.1 CONTRACT LENGTH:**

This Invitation for Bids is for awarding a firm, fixed price purchasing contract to cover a three (3) year period.

**3.2 OPTION TO EXTEND:**

The County may, at their option and with the approval of the Contractor, extend the period of this Contract up to a maximum of three (3), one (1) year options. The Contractor shall be notified in writing by the Materials Management Department of the County's intention to extend the contract period at least thirty (30) calendar days prior to the expiration of the original contract period.

**3.3 ESCALATION:**

Any request for reasonable price adjustments must be submitted thirty (30) days prior to the Contract expiration date. Justification for the requested adjustment in cost of labor and/or materials must be supported by appropriate documentation and fall within the Producer Price Index for the commodity. Increases are subject to approval in writing by the Materials Management Department prior to any adjusted invoicing being submitted for payment.

**3.4 EVALUATION CRITERIA:**

The evaluation of this Bid will be based on, but not limited to, the following:

- 3.4.1 Compliance with specifications, *inclusive of all required documentation.*

3.4.2 Price

3.4.3 Determination of responsibility

The County reserves the right to award in whole or in part, by item or group of items, by section or geographic area, or make multiple awards, where such action serves the County's best interest.

3.5 TAX:

No tax shall be levied against labor. Bid pricing to include all labor, overhead tools and equipment used, profit, and any taxes that may be levied. It is the responsibility of the Contractor to determine any and all taxes and include the same in bid price.

3.6 FACILITIES:

During the course of this Agreement, the County shall provide the Contractor's personnel with adequate workspace for consultants and such other related facilities as may be required by Contractor to carry out its obligation enumerated herein.

3.7 INDEMNIFICATION AND INSURANCE:

3.7.1 Indemnification.

To the fullest extent permitted by law, Contractor shall defend, indemnify, and hold harmless the County, its agents, representatives, officers, directors, officials, and employees from and against all claims, damages, losses and expenses, including but not limited to attorney fees and costs, relating to this Contract.

The amount and type of insurance coverage requirements set forth herein will in no way be construed as limiting the scope of the indemnity in this paragraph.

The scope of this indemnification does not extend to the negligence of the County.

3.7.2 Insurance Requirements.

Contractor, at its own expense, shall purchase and maintain the herein stipulated minimum insurance with companies duly licensed, possessing a current A.M. Best, Inc. Rating of B++6, or approved unlicensed companies in the State of Arizona with policies and forms satisfactory to the County.

All insurance required herein shall be maintained in full force and effect until all work or service required to be performed under the terms of the Contract is satisfactorily completed and formally accepted. Failure to do so may, at the sole discretion of the County, constitute a material breach of this Contract.

The Contractor's insurance shall be primary insurance as respects the County, and any insurance or self-insurance maintained by the County shall not contribute to it.

Any failure to comply with the claim reporting provisions of the insurance policies or any breach of an insurance policy warranty shall not affect coverage afforded under the insurance policies to protect the County.

The Contractor shall be solely responsible for the deductible and/or self-insured retention and the County, at its option, may require the Contractor to secure payment of such deductibles or self-insured retentions by a surety bond or an irrevocable and unconditional letter of credit.

The County reserves the right to request and to receive, within ten (10) working days, certified copies of any or all of the herein required insurance policies and/or endorsements. The County shall not be obligated, however, to review such policies and/or endorsements or to advise Contractor of any deficiencies in such policies and endorsements, and such receipt shall not relieve Contractor from, or be deemed a waiver of the County's right to insist on strict fulfillment of Contractor's obligations under this Contract.

The insurance policies required by this Contract, except Workers' Compensation, shall name the County, its agents, representatives, officers, directors, officials and employees as Additional Insureds.

The insurance policies required hereunder, except Workers' Compensation, shall contain a waiver of transfer of rights of recovery (subrogation) against the County, its agents, representatives, officers, directors, officials and employees for any claims arising out of Contractor's work or service.

3.7.2.1 Commercial General Liability. Contractor shall maintain Commercial General Liability insurance with a limit of not less than \$1,000,000 for each occurrence with a \$2,000,000 Products/Completed Operations Aggregate and a \$2,000,000 General Aggregate Limit. The policy shall include coverage for bodily injury, broad form property damage, personal injury, products and completed operations and blanket contractual coverage including, but not limited to, the liability assumed under the indemnification provisions of this Contract which coverage will be at least as broad as Insurance Service Office, Inc. Policy Form CG 00 01 10 93 or any replacements thereof.

The policy shall contain a severability of interest provision, and shall not contain a sunset provision or commutation clause, or any provision which would serve to limit third party action over claims.

The Commercial General Liability additional insured endorsement shall be at least as broad as the Insurance Service Office, Inc.'s Additional Insured, Form CG 20 10 11 85, and shall include coverage for Contractor's operations and products and completed operations.

If the Contractor subcontracts any part of the work, services or operations awarded to the Contractor, Contractor shall purchase and maintain, at all times during prosecution of the work, services or operations under this Contract, an Owner's and Contractor's Protective Liability insurance policy for bodily injury and property damage, including death, which may arise in the performance of the Contractor's work, service or operations under this Contract. Coverage shall be on an occurrence basis with a limit not less than \$1,000,000 per occurrence, and the policy shall be issued by the same insurance company that issues the Contractor's Commercial General Liability insurance.

3.7.2.2 Automobile Liability. Contractor shall maintain Automobile Liability insurance with an individual single limit for bodily injury and property damage of no less than \$1,000,000, each occurrence, with respect to Contractor's vehicles (whether owned, hired, non-owned), assigned to or used in the performance of this Contract.

3.7.2.3 Workers' Compensation. The Contractor shall carry Workers' Compensation insurance to cover obligations imposed by federal and state statutes having jurisdiction of Contractor's employees engaged in the performance of the work or services, as well as Employer's Liability insurance of not less than \$1,000,000 for each accident, \$1,000,000 disease for each employee, and \$1,000,000 disease policy limit.

If any work is subcontracted, the Contractor will require Subcontractor to provide Workers' Compensation and Employer's Liability insurance to at least the same extent as required of the Contractor.

3.7.3 Certificates of Insurance.

3.7.3.1 Prior to commencing work or services under this Contract, Contractor shall furnish the County with certificates of insurance, or formal endorsements as required by the Contract in the form provided by the County, issued by Contractor's insurer(s), as evidence that policies providing the required coverage, conditions and limits required by this Contract are in full force and effect. Such certificates shall identify this contract number and title.

3.7.3.2 Prior to commencing work or services under this Contract, Contractor shall have insurance in effect as required by the Contract in the form provided by the County, issued by Contractor's insurer(s), as evidence that policies providing the required coverage, conditions and limits required by this Contract are in full force and effect. Such certificates shall be made available to the County upon 48 hours notice. **BY SIGNING THE AGREEMENT PAGE THE CONTRACTOR AGREES TO THIS REQUIREMENT AND FAILURE TO MEET THIS REQUIREMENT WILL RESULT IN CANCELLATION OF CONTRACT.**

If a policy does expire during the life of the Contract, a renewal certificate must be sent to the County fifteen (15) days prior to the expiration date.

3.7.4 Occurrence Basis.

All insurance required by this contract shall be written on an occurrence basis rather than a claims-made basis.

3.7.5 Cancellation and Expiration Notice.

Insurance required herein shall not be permitted to expire, be canceled, or materially changed without thirty (30) days prior written notice to the County.

3.8 PROCUREMENT CARD ORDERING CAPABILITY:

It is the intent of Maricopa County to utilize a procurement card that may be used by the County from time to time, to place and make payment for orders under the Contract. Contractors without this capability may be considered non-responsive and not eligible for award consideration.

3.9 INQUIRIES AND NOTICES:

All inquiries concerning information herein shall be addressed to:

MARICOPA COUNTY  
DEPARTMENT OF MATERIALS MANAGEMENT  
ATTN: CONTRACT ADMINISTRATION  
320 W. LINCOLN ST.  
PHOENIX, AZ 85003

Administrative telephone inquiries shall be addressed to:

STAN FISHER, SENIOR PROCUREMENT CONSULTANT, 602-506-3274  
(sfisher@mail.maricopa.gov)

Technical telephone inquiries shall be addressed to:

Nadine Reyes, Purchasing Officer, 602-506-0529 [nreyes@mail.maricopa.gov](mailto:nreyes@mail.maricopa.gov)

Inquiries may be submitted by telephone but must be followed up in writing. No oral communication is binding on Maricopa County.

3.10 SUBMISSION PRICE CLARITY:

For reasons of clarity all submissions of pricing (Attachment A) shall be priced in the same unit (size, volume, quantity, weight, etc.) as the bid specifications request. Submissions (bids) failing to comply with this requirement may be declared non-responsive.

3.11 INSTRUCTIONS FOR PREPARING AND SUBMITTING BIDS:

**Respondents are to provide one (1) original (labeled), one (1) copy of the same (labeled as copy) and one (1) electronic copy of pricing on a CD. MANDATORY** Respondents are to identify their responses with the bid serial number, title and return address to Maricopa County, Department of Materials Management, 320 West Lincoln, Phoenix, Arizona 85003. **A corporate official who has been authorized to make such commitments must sign bids.**

**FULL SPECTRUM ANALYTICS, INC. 85 RICKENBACKER CIRCLE, LIVERMORE, CA 94550**

WILLING TO ACCEPT FUTURE SOLICITATIONS VIA EMAIL:  YES  NO

WILL YOUR FIRM ACCEPT A PROCUREMENT CARD FOR INVOICE PAYMENT?  YES  NO

IF YES, MAY THE COUNTY TAKE ADVANTAGE OF DISCOUNTS OFFERED BY YOUR FIRM IN THIS BID/RFP WHEN PAYING WITH A PROCUREMENT CARD?  YES  NO

**PRICING SHEET NIGP CODE 9386301**

**1.0 PRICING:**

<u>ITEM DESCRIPTION &amp; S/N</u>	<u>MODEL</u>	<u>ANNUAL FEE</u>
<b><u>ANNUAL MAINTENANCE, REPAIR/REPLACEMENT PARTS AND LABOR INCLUDED</u></b>		
<b><u>GROUP HPLC - WATERS</u></b>		
1.1 Waters 2790 Alliance HT (Includes 1 Preventive Maintenance per year) S/N: M99SM9_249M	WA-ALLNC-00	\$2,424.00
1.2 Water 996 Diode Array Detector (Includes w Preventive Maintenance per year) S/N: L99996_262M	WA-996-00	\$936.00
1.3 Waters column Heater Module S/N: M99ACH_138M	WA-CHM-00	\$132.00
1.4 HP Computer S/N: 9936_CDDZ0472 S/N DOOBLS022R	HP-COMPUTER	\$252.00
1.5 HP Monitor S/N: 947CA45VA165	HP-MONITOR	\$84.00
1.6 HP2200D Printer S/N: CNDSB07034	HP-PRINTER	\$240.00
<b><u>GROUP 5973N#4</u></b>		
1.7 HP Vectra Computer S/N: US23004066	HP-VECTRA	\$252.00
1.8 HP 4100 Laserjet Printer S/N: USLNK16872	HP-LASR-4100	\$240.00
1.9 HP Monitor S/N: CN21092642	HP-MONITOR	\$84.00
1.10 Agilent 7683A G2613A Tower (on-site service) S/N: CN23226616	AG-7683A-TO	\$180.00

FULL SPECTRUM ANALYTICS, INC, 85 RICKENBACKER CIRCLE, LIVERMORE, CA 94550

1.11	Agilent 7683A G2614A Tray (on-site service) S/N: CN23021369	AG-7683A-TR	<u>\$180.00</u>
1.12	HP 6890 GC Mainframe S/N: US10235021	HP-6890-00	<u>\$960.00</u>
1.13	HP 5973 MSD Core with Turbo Diffusion Pump S/N: US21883724	HP-5973-00	<u>\$3,360.00</u>
1.14	HP 59864B Ion Gauge Controller (Includes 2 Preventive Maintenance visits per year) S/N: US6018155	HP-59864B	<u>\$120.00</u>
<u>GROUP5973N#3</u>			
1.15	BCS Computer S/N: Not Applicable	FS-COMPUTER	<u>\$252.00</u>
1.16	HP 4100 Laserjet Printer S/N: USGNF07097	HP-LASR-4100	<u>\$240.00</u>
1.17	HP Monitor HP Envision Monitor S/N: CN11875954 S/N: 19CG48A780708	EN-MONITOR	<u>\$84.00</u>
1.18	Agilent 7683A G2613A Tower (on-site service) S/N: CN13021166	AG-7683A-TO	<u>\$180.00</u>
1.19	Agilent 7683A G2614A Tray (on-site service) S/N: US13612669	AG-7683A-TR	<u>\$180.00</u>
1.20	HP 6890 GC Mainframe S/N: US10137009	HP-6890-00	<u>\$960.00</u>
1.21	HP 5973 MSD Core with Turbo Diffusion Pump (Includes 2 Preventive Maintenance visits per year) S/N: US10451347	HP-5973-00	<u>\$3,360.00</u>
1.22	HP 59864B Ion Gauge Controller S/N: US6017027	HP-59864B	<u>\$120.00</u>
<u>GROUP 5973N #2</u>			
1.23	HP Kayak Computer S/N: US90380488	HP-COMPUTER	<u>\$252.00</u>
1.24	HP Laser Jet 4000 S/N:USMC132976	HP-LASR-4000	<u>\$240.00</u>
1.25	Envision HP Monitor S/N: KR90323931 S/N 19CG48A780708	HP-MONITOR	<u>\$84.00</u>

FULL SPECTRUM ANALYTICS, INC, 85 RICKENBACKER CIRCLE, LIVERMORE, CA 94550

1.26	Agilent 7683A G2613A Tower (on-site service) S/N: US04616162	AG-7683A-TO	<u>\$180.00</u>
1.27	Agilent 7683A G2614A Tray (on-site service) S/N: US04509770	AG-7683A-TR	<u>\$180.00</u>
1.28	HP 6890 GC Mainframe S/N: US00039044	HP-6890-00	<u>\$960.00</u>
1.29	HP 5973 MSD Core with Turbo Diffusion Pump (Includes 2 Preventive Maintenance visits per year) S/N: US03950286	HP-5973-00	<u>\$3,360.00</u>
1.30	HP 59864B Ion Gauge Controller S/N: US60103757	HP-59864B	<u>\$120.00</u>

GROUP 5973N#1

1.31	HP Kayak Computer S/N: US90380423	HP-COMPUTER	<u>\$252.00</u>
1.32	HP Laser Jet 4000 S/N: USMC086734	HP-LASR-4000	<u>\$240.00</u>
1.33	HP Monitor Envision Monitor S/N: KR90323932 S/N: 19CG48A782468	EN-MONITOR	<u>\$84.00</u>
1.34	Agilent 7683A G2613A Tower (on-site service) S/N: US04616183	AG-7683A-TO	<u>\$180.00</u>
1.35	Agilent 7683A G2614A Tray (on-site service) S/N: US04609822	AG-7683A-TR	<u>\$180.00</u>
1.36	HP 6890 GC Mainframe S/N: US00039113	HP-6890-00	<u>\$960.00</u>
1.37	HP 5973 MSD Core with Turbo Diffusion Pump (Includes 2 Preventive Maintenance visits per year) S/N: US039050301	HP-5973-00	<u>\$3,360.00</u>

GROUP COUNTY GC

1.38	HP Vectra Computer S/N: US70154217	HP-VECTRA	<u>\$252.00</u>
1.39	HP 4100 Laserjet Printer S/N: USLNIJ34572	HP-LASR-4100	<u>\$240.00</u>
1.40	HP-Ultra Monitor S/N: KR72243508 S/N KR70332227	HP-MONITOR	<u>\$84.00</u>

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1.41	HP 7673B 18594B Controller (on-site service) S/N: US71001242	HP-7673B-CO	<u>\$180.00</u>
1.42	HP 7673B 18593B/G1513A Tower(on-site service) S/N: 3009A80721	HP-7673B-TO	<u>\$180.00</u>
1.43	HP 7673B 18596C TRAY 18594B Controller (on-site service) S/N: 3528A39153	HP-7673B-CO	<u>\$180.00.00</u>
1.44	HP 5890 GC Mainframe S/N: 2728A13024	HP-5890-00	<u>\$696.00</u>
1.45	HP 5970 MSD Core with Turbo Pump (Includes 2 Preventive Maintenance visits per year) S/N: 2716A10396	HP-5970-00	<u>\$3,240.00</u>
1.46	HP 59226 Ion Gauge Controller S/N: 7452	HP-59226-00	<u>\$120.00</u>

GROUP GC/NPD#3

1.47	BCS HP Vectra Computer Computer (generic) S/N: US13901661 S/N 10082004 (generic)	HP-VECTRA COMPUTER	<u>\$252.00</u>
1.48	HP 6890 GC Mainframe S/N: US10242076	HP-6890-00	<u>\$1,080.00</u>
1.49	HP Monitor S/N: CN12073235	HP-MONITOR	<u>\$84.00</u>
1.50	Agilent 7683A G2613A Tower (on-site service) S/N: CN23727160	AG-7683A-TO	<u>\$180.00</u>
1.51	Agilent 7683A G2613A Tray (on-site service) S/N: CN23721787	AG-7683A-TR	<u>\$180.00</u>
1.52	HP 2200D Printer S/N: USBGH08768	HP-PRINTER	<u>\$240.00</u>

GROUP GC/NPD #1 & #2

1.53	BCS HP Kayak Computer S/N: 04282005 US90380402	HP-COMPUTER	<u>\$252.00</u>
1.54	HP 4100 Laserjet Printer S/N: USL NJ34565	HP-LASR-4100	<u>\$240.00</u>
1.55	HP Monitor ENVISION MONITOR S/N: KR90323928 S/N 19SG4CB635718	HP-MONITOR	<u>\$84.00</u>

FULL SPECTRUM ANALYTICS, INC, 85 RICKENBACKER CIRCLE, LIVERMORE, CA 94550

1.56	HP 6890 GC #1 Mainframe S/N: US00000865	HP-6890-00	<u>\$1,176.00</u>
1.57	HP 7673A 18593A Tower (on-site service) S/N: 3217A30511	HP-7673A-TO	<u>\$180.00</u>
1.58	HP 7673A 18596A Tray (on-site service) S/N: 3533A39649	HP-7673A-TR	<u>\$180.00</u>
1.59	HP 7673A 18594A Controller (on-site service) S/N: 3534A02811	HP-7676A-CO	<u>\$180.00</u>
1.60	HP 6890 GC #2 Mainframe S/N: US00038941	HP-6890-00	<u>1,200.00\$</u>
1.61	Agilent 7683A G2613A Tower (on-site service) S/N: US04616191	AG-7683A-TO	<u>\$180.00</u>
1.62	Agilent 7683A G2614A Tray (on-site service) S/N: US04509814	AG-7683A-TR	<u>\$180.00</u>
<b><u>GROUP HEADSPACE</u></b>			
1.63	HP 5890 GC Mainframe S/N: 336A592226 G1888A	HP-5890-00	<u>\$696.00</u>
1.64	HP 7694 Headspace Autosampler (Includes 1 Preventive Maintenance per year) S/N: 00516003 3512101264	HP-7694-00	<u>\$3,000.00</u>
<b>COMBI-PAL</b>			
1.65	HP Compaq Computer Computer Guys S/N: 24A5130CDS UG05B8CF06	HP-COMPUTER	<u>\$252.00</u>
1.66	HP-4100 Laserjet Printer S/N: USJNF01375	HP-LASR-4100	<u>\$240.00</u>
1.67	HP Monitor P621D Flat Screen ENVISION MONITOR S/N: CNN505784 I9SE45A684544 S/N KR70332226	Envision Monitor	<u>\$84.00</u>
1.68	HP 5890 GC mainframe S/N: 3126A36523	HP-5890-00	<u>\$696.00</u>
1.69	Combi Pal Autosampler S/N121711	VA-COMBI	<u>\$1,920.00</u>
1.70	HP 7673B 18593B/G1513A Tower (on-site service) S/N: 3534A43763	HP-7673B-TO	<u>\$180.00</u>

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<b>1.71</b>	<b>HP 7673B 18593B/G1513A Tower (on-site service)</b>	<b>HP-7673B-TO</b>	<u>\$180.00</u>
	<b>S/N: 3528A43121</b>		

<b>TOTAL ANNUAL MAINTENANCE:</b>	<u>\$43,824.00</u>
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<b>2.0</b>	<b>LABOR (FOR INITIAL INSPECTION AND OTHER NON-COVERED EVENTS)</b>	<u>\$ 175.00 /HR.</u>
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<b>3.0</b>	<b>MAINTENANCE/REPAIR PARTS NOT COVERED UNDER COST PLUS ANNUAL MAINTENANCE</b>	<u>0 %</u>
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Terms:	NET 30
Vendor Number:	W000002103 X
Telephone Number:	925/443-4080
Fax Number:	925/443-4085
Contact Person:	Jenny Mergen
E-mail Address:	<a href="mailto:jcorona@fullspectrum-inc.com">jcorona@fullspectrum-inc.com</a>
Company Web Site:	<a href="http://www.fullspectrum-inc.com">www.fullspectrum-inc.com</a>
Certificates of Insurance	Required
Contract Period:	To cover the period ending <b>October 31, 2008 2011.</b>