NOTICE OF INTENDED DECISION
TO ENTER INTO A SINGLE SOURCE CONTRACT
(PUR 7778)

This notice of intended decision to enter into a single source contract is posted in accordance with section 287.057(5)(c), Florida Statutes.

<table>
<thead>
<tr>
<th>AGENCY</th>
<th>Florida Department of Environmental Protection</th>
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<tbody>
<tr>
<td>TITLE</td>
<td>Gas Chromatograph/Mass Spectrometer-Agilent Model 5977B/7890B</td>
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<tr>
<td>CONTACT</td>
<td>Name: Fran Spivey</td>
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<tr>
<td></td>
<td>Address: Procurement Section, 3800 Commonwealth Blvd., MS#93, Tallahassee, FL 32399-3000</td>
</tr>
<tr>
<td></td>
<td>Telephone: 850-245-2372</td>
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<td></td>
<td>Email: <a href="mailto:Fran.spivey@dep.state.fl.us">Fran.spivey@dep.state.fl.us</a></td>
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<tr>
<td>Internal Tracking number, if any:</td>
<td>DEP 16/17 SSA002</td>
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<td>DMS Single Source number, if applicable</td>
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<tr>
<td>Date Posted:</td>
<td>Thursday, September 1, 2016</td>
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<tr>
<td>Time Posted:</td>
<td>9:00 am</td>
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</tbody>
</table>

Commodity or Service Required (commodity class and group, manufacturer, model, and description, as appropriate):
41115700 Chromatographic measuring instruments and accessories

Requestor (division, bureau, office, individual, as appropriate): Candance Sereico, Florida DEP Laboratories

Performance and/or Design Requirements (intended use, function or application, compatibility etc. requirements; reference to policy, rule, statute or other act of the Legislature, etc., as appropriate):

The Florida Department of Environmental Protection, Chemistry Section, seeks to upgrade its analytical capabilities with the acquisition of an efficient and reliable gas chromatograph/ mass spectrometer (GC/MS) for organic analysis. The GC/MS instrument being replaced (Agilent 5973 S/N US03950264) is no longer effective for the tasks being performed due to limited parts availability and/or excessive maintenance costs, and therefore no longer meet the needs of the laboratory. To adequately meet the needs of the chemistry laboratory it is imperative to obtain replacement instrumentation.

The GC/MS specifications, computer software, and data file format for the new instrument must be compatible with our existing equipment in order to maintain laboratory consistency, exchangeability, and integration. To adequately meet the needs of the chemistry laboratory, the GC/MS systems must meet or exceed the following requirements and specifications. The instrument systems consist of a gas chromatograph, mass spectrometer, sampling tower and tray, GC/MS instrument control software, and data reporting software. A market review of GC/MS manufactures is also provided.

Intended source (vendor, contractor): AGILENT TECHNOLOGIES

Price: $116,736.90

Justification for single source acquisition (what is necessary and unique about the product, service or source; steps taken to confirm unavailability of competition, as appropriate):

The GC/MS specifications, computer software, and data file format for the new instrument must be compatible with our existing equipment in order to maintain laboratory consistency, exchangeability, and integration. To adequately meet the needs of the chemistry laboratory, the GC/MS systems must meet or exceed the following requirements and specifications. The instrument systems consist of a gas chromatograph, mass spectrometer, sampling tower and tray, GC/MS instrument control software, and data reporting software. A market review of GC/MS manufactures is also provided.

1. Gas Chromatogram (GC) Specifications:
1.1. The GC must have six independent heated zones (two inlets, two detectors and two auxiliary) in addition to the GC oven control, with set point resolution of at least 0.10 °C. The auxiliary zones must have control up to 400 °C. The auxiliary zones are used by the GC/MS transfer lines and the additional inlet/detector heaters may be used for a second column.

1.2. The GC must support twenty ramps and twenty-one-plateau oven temperature programming flexibility. Negative ramps must be allowed. Multiple ramps are required for method design flexibility.

1.3. The GC temperature range must be at least –80 °C to 450 °C with liquid nitrogen cooling. Without cryogenics, the operation temperature must be 4 °C above ambient to 450 °C. The system must have a fast oven temperature programming ramp rate up to 120 °C/min and oven cool down from 450°C to 50°C in 4 minutes at ambient temperature of 22°C. The GC must automatically shut off gases in the event of a leak and turn the oven power off automatically when the lid/door is opened. The temperature range, heating rate, and cooling rates are needed to achieve analytical method requirements and to minimize analysis time.

1.4. The GC must have a built-in calibrated barometer and thermometer to compensate for ambient laboratory conditions to improve reproducibility. GC oven must be able to compensate for barometric pressure and ambient temperature changes. The system must provide retention time repeatability of at least 0.0008 minute, and an area repeatability of < 1% RSD (Relative Standard Deviation). Tight reproducibility of retention time is required for quality chromatographic measurements.

1.5. The combined GC/MS must have a benchtop design which can easily fit onto a standard laboratory bench with instrument dimensions not to exceed: Height = 20”, Width = 36”, and Depth = 24”. Our laboratory bench space is very limited and we must maximize productivity in minimal space.

1.6. The GC must be equipped with an automated inlet backflush feature which reverses column flow to eliminate highly retained compounds prior to introduction on the GC column. This prevents carryover of highly retained compounds.

1.7. The GC must be able to interface to comprehensive real-time monitoring and diagnostic software which includes real-time service notification, chromatographic attributes, instrument diagnostics, access to maintenance information and records, and run logs. Instrument monitoring by the software will help diagnose problems more quickly and help retain maintenance information.

1.8. The GC electronic pressure control must operate from 0-100 psi for use with narrow bore columns. Inlet pressure sensor accuracy of ± 2% and repeatability of ± 0.05 psi, or better. Flow sensor accuracy of ± 5% and repeatability of ± 0.35%, or better, is required. Inlet must have electronic pneumatic control of carrier, split and septum purge gases, including electronic ON/OFF. Precise pressure controls are required to produce reproducible analytical results.

1.9. The GC must be equipped with an injection tower and chiller-ready sample tray with a capacity of 150 standard 2-mL vials. The injection tower and sample tray must be interchangeable with units on existing Agilent 7890 GCs within the laboratory. The capacity requirement will help maximize laboratory productivity. The interchangeability requirement will eliminate instrument downtime related to the failure of either module for priority or time-sensitive sample analysis.

2. Mass Spectrometer Specifications:

2.1. The mass spectrometer must be a single quadrupole design with full-scan and selected-ion monitoring capabilities. The instrument must be capable of synchronous Selected-Ion Monitoring (SIM) and Full-Scan operation. Full-scan and SIM operation are requirements for the analytical methods we use.

2.2. The mass spectrometer must be equipped with a >250 L/s high vacuum turbomolecular pump system. The vacuum system must be adequate to handle carrier flow rates for large bore capillary columns, with a minimum carrier flow rate of 4 ml per minute. Pump-down from atmosphere to operating pressures must require no more than 3 minutes in order to obtain spectra and reach stable operating temperatures in less than 2 hours. Venting the system must take no more than approximately 20-40 minutes. The fast pump-down and venting requirements will increase the laboratory's productivity.

2.3. The mass spectrometer must have a mass-scan range of no less than 1.6 to 1050 amu (atomic mass units), with unit resolution over the entire mass range in 0.10 amu steps. The MS must have a minimum scan speed of 20,000 amu/sec with 0.10 amu scan steps. The mass-axis stability must not exceed ± 0.10 amu over a 48-hour period of normal operation. A large mass range and tight mass stability are required to insure proper compound
2.4. The mass spectrometer must be equipped with an external dual-filament ionization source to eliminate ion-molecular reactions and provide a spare filament. The source filament voltage must be user-selectable over a range of 5 to 240 eV. Dual filaments and user setting flexibility allow for flexibility in research projects, special sampling situations, and minimizes down time.

2.5. The ion source must be made of an inert material, without inert coatings, and equipped with dual filaments. The ion source must be independently heated and user-selectable up to 350°C. A solid, inert source with dual filaments and independent temperature control will permit optimization of analytical methods and help insure long-term performance of the instrument.

2.6. The ion source design must have as an option a feature which performs self-cleaning of the ion source by metering H₂ gas directly into the ion source, either for continuous cleaning or during a programmable post-run cleaning cycle. The self-cleaning feature helps to maintain the instrument at optimal performance, reduces instrument down time, and saves labor expense.

2.7. The quadrupole temperature must be independently heated and user-selectable up to 200 °C. The GC/MS interface temperature must also be user-selectable up to 350 °C. Wide temperature range and user-selectability is necessary for flexibility in method development and routine instrument operation.

2.8. The mass spectrometer must satisfy the tuning criteria required by volatile and semi-volatile EPA methods 8260C and 8270D under normal sampling conditions. The mass spectrometer must generate classical Electron Impact (EI) spectra, which are not contaminated with any extraneous effects or skewed from the actual isotopic abundance. This is a requirement of the GC/MS methods used by the laboratory.

2.9. The mass spectrometer must utilize off-axis detection with an electron multiplier Triple-Axis Detector design. This criterion is designed to minimize the interference resulting from the presence of neutral species in the instrument.

2.10. Sensitivity in the full scan EI mode must detect 0.10 pg of octafluoronaphthalene in data acquired at a scan rate of 2.9 scans/second or higher over the mass range 50-300 amu. The RMS signal/noise must be at least 300:1 for the extracted ion signal at mass 272. This specification is required for the trace analysis work performed by the laboratory in full-scan mode. High sensitivity allows smaller amounts of analyte to be detected.

2.11. Safety features: Automatic interrupt system must provide protection against damage due to excess ion source pressure or electron multiplier output current, as well as filament or RFPA failure. Analyzer temperature zones and operating voltages must be interlocked with the vacuum pump speed to prevent instrument damage due to operation at excess pressure. These requirements enhance safety and minimize risk of damage to the instrument or our laboratory.

2.12. The selected ion monitoring mode (SIM) programming must accept at least 100 groups of masses, with 60 mass ions per group. The SIM dwell time must be user defined between 10-9,999 milliseconds per mass. Some of our laboratory SIM methods require quick transition from group-to-group with up to 100 different analytes.

2.13. The source, mass filter, and detector must be located on the same no-tool detachable plate for ease of accessibility and service. A majority of instrument consumables and parts must be compatible with Agilent 5975 and 5977 instrument systems to minimize the cost associated with part and consumable inventories. The interchangeability requirement for consumables and parts will minimize instrument down time for priority or time-sensitive sample analysis.

3. Data System Specifications:

3.1. A complete software package for control of the gas chromatograph and mass spectrometer is required. The software must include the capability to control autotunes, data acquisition, data analysis, method automation, macro-programming, data processing and reporting, automatic peak deconvolution capabilities, and system management utilities. It must include the ability to control and collect data from a second GC/MS instrument on the same computer system simultaneously to minimize laboratory space requirements. Software is required to operate and report our GC/MS data.

3.2. The system must be capable of performing an autotune with PFTBA, DFTPP, and BFB per EPA targets without operator intervention as well as user specified Target Compound tune, PCI and NCI tune and Manual tune with ramping of the following voltages: Repeller, Ion focus Lens, entrance lens, entrance lens offset, X-ray, amu gain and amu offset. These requirements are an integral part of the analytical methods used by the laboratory.

3.3. The data collection system must be equipped with automated deconvolution reporting software capable of processing data files from existing GC/MS Chemstation instruments located within the laboratory. This requirement will minimize costs and labor associated with staff training, data processing, and recovery of archived data.
3.4. Software must include Retention Time Locking capability that enables the operator to lock retention times for compounds. This feature improves method performance by maintaining the same retention times from day to day and from instrument to instrument.

3.5. The data processing software must be integrated with the data collection software program, so that moving from data collection to processing data is seamless, not relying on extra external forms. This feature is designed to enhance data integrity and reduce the complexity of the data processing procedure.

3.6. The GC/MS software must be able to automatically create a SIM method from the scan data file of an injected standard. This is a time-saving and error-prevention feature to enhance laboratory productivity.

3.7. The software must be able to share libraries, methods, sequence tables, and process data on existing laboratory Agilent 5975 and 5977 instruments. This requirement will minimize staff training and avoid the expense associated with purchasing multiple GC/MS libraries.

4. Service, Installation, and Training:

4.1. The Service Provider must include installation of all equipment, including checkout and verification of performance. The Service Provider must offer on-site services including all labor, parts, and materials required to maintain the hardware in good operating condition. This provides immediate verification that the instrument is working properly before the laboratory officially accepts the purchased equipment.

4.2. The GC/MS and Chromatography Data Acquisition System must include a maintenance warranty and technical support of at least one (1) year including all parts, software upgrades, labor and travel and have available optional enhanced/extended warranty packages. Warranty service is needed to mitigate potential instrument failure and reduce instrument down-time.

4.3. The GC/MS vendor must guarantee in writing a maximum response time of three hours for service calls via telephone whenever the system is inoperable, and a maximum response time of two work days for on-site service whenever telephone consultation cannot resolve the problem. Both aforementioned response times are defined as the length of time from first contact by FDEP regarding an inoperable system to either the receipt of a telephone response from a service engineer or the arrival of a service engineer. This requirement will help minimize down-time and disruption to the laboratory services.

4.4. The vendor must guarantee in writing that technical support will be provided for the lifetime of the System and that service contracts will be available to the Department for the instrument at least ten (10) years after delivery. This helps ensure the laboratory can receive quality service over the life of the instrument.

4.5. Service must include an assigned Account Customer Engineer and an assigned backup Customer Engineer to insure uninterrupted service to our laboratory.

Companies and Instrument Systems Considered in Our Market Review:

The following companies and instrument systems were considered in this review and were evaluated by the previously listed specifications.

Comments: Selected Instrument.

Comments: Does not meet specifications 1.9, 2.1, 2.5, 2.6, 2.7, 3.3, 3.5, and 3.7

Comments: Does not meet specifications 1.9, 2.5, 2.6, 2.13, 3.1, 3.3, and 3.7

Company: Finnigan MAT Instrument: TSQ 8000 GC/MS/MS
Comments: Does not meet specifications 1.9, 2.1, 2.3, 2.5, 2.6, 2.13, 3.1, 3.3, 3.5, and 3.7.

Company: JEOL LTD. Instrument: AccuTOF Mass Spectrometer
Comments: Does not meet specifications 1.9, 2.1, 2.6, 2.13, 3.3, and 3.7.

Company: JEOL LTD. Instrument: Master-Quad Series Mass Spectrometers
Comments: Does not meet specifications 1.9, 2.5, 2.6, 2.7, 2.13, 3.3, and 3.7.

Company: LECO Instrument: Pegasus GC-TOFMS Mass Spectrometer
Comments: Does not meet specifications 1.9, 2.1, 2.6, 2.7, 2.13, 3.3, and 3.7

Company: Perkin Elmer Instrument: Clarus SQ 8 Series Mass Spectrometer
Comments: Does not meet specifications 1.9, 2.6, 2.7, 2.9, 2.13, 3.1, 3.3, and 3.7

Company: Scion Instruments Instrument: SCION SQ Mass Spectrometer
Comments: Does not meet specifications 1.9, 2.5, 2.6, 2.7, 2.12, 3.3, 3.5, and 3.7

Company: Shimadzu Instrument: QP2010SE and QP2010-Ultra Mass Spectrometers
Comments: Does not meet specifications 1.9, 2.3*, 2.5, 2.6, 2.7, 2.13, 3.3, and 3.7.
   * For QP2010SE model.

After a careful market review, we have concluded that Agilent Technologies is the only vendor that can provide the replacement GC/MS instrumentation compatible with our existing laboratory operations and analytical needs. Therefore, we request permission to purchase the 5977B/7890B instrument from Agilent Technologies on a single source basis.

The Department advertised this single source request on the DMS Vendor Bid System (VBS) from Monday, August 22, 2016 through Wednesday, August 31, 2016. There were no other vendors who submitted information regarding their ability to provide the above services.

Approved By (names & titles, as appropriate, e.g., requestor, requestor management, information systems, budget, purchasing, DMS approver):

Kerry Tate, Florida DEP Laboratories
Timothy Fitzpatrick, Florida DEP Laboratories
Sara Amour, Florida DEP Laboratories
Liang Lin, Florida DEP Laboratories
David D. Whiting, Florida DEP Laboratories
Thomas Frick, Department of Environmental Assessment and Restoration
Fran Spivey, Procurement Section
Janice Pursley, Procurement Section

Failure to file a protest within the time prescribed in section 120.57(3), Florida Statutes, or failure to file a bond or other security within the time allowed for filing a bond, shall constitute a waiver of proceedings under Chapter 120, Florida Statutes.
Advertisement Detail

Department of Environmental Protection
Single Source
Gas Chromatograph/Mass Spectrometer-Agilent Model 5977B/7890B
Advertisement Number: DEP 16/17 SSA002
Version Number: 000
Advertisement Begin Date/Time: 08/22/2016 - 08:00 A.M.
Advertisement End Date/Time: 08/31/2016 - 08:00 A.M.
Mod: 08-22-2016 08:03:10
Last Edit: Monday, August 22, 2016 at 08:04:46 A.M.

Commodity:
41115700 Chromatographic measuring instruments and accessories

The Department of Environmental Protection (Department) desires to contract with Agilent Technologies for a Gas Chromatograph/Mass Spectrometer-Model No 5977B/7890B.

Please click the related documents link below to view the description of the requested single source.

Please direct all questions to:
Fran Spivey
Phone: (850) 245-2372
FAX: (850) 245-1412
3800 COMMONWEALTH BLVD, MS93
CARR BUILDING, ROOM 215
TALLAHASSEE FL., 32399-3000
Email: fran.spivey@dep.state.fl.us

Any person with a disability requiring special accommodations at the pre-solicitation conference and/or bid/proposal opening shall contact purchasing at the phone number above at least five (5) working days prior to the event. If you are hearing or speech impaired, please contact this office by using the Florida Relay Services which can be reached at 1 (800) 955-8771 (TDD).

The Department reserves the right to reject any and all bids or accept minor irregularities in the best interest of the State of Florida.

Certified Business Enterprises are encouraged to participate in the solicitation process.

Downloadable Files for Advertisement

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<th>Description</th>
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<th>Required</th>
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<tbody>
<tr>
<td>Original PUR 7776, DEP 16/17 SSA002, Agilent Technologies</td>
<td>Complete Document</td>
<td></td>
</tr>
</tbody>
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For questions on a specific bid advertisement, contact the agency advertisement owner. Advertisements include the contact information for the agency advertisement. The agency advertisement owner is the point of contact for vendors with specific questions.
**DESCRIPTION OF INTENDED SINGLE SOURCE PURCHASE**

(PUR 7776)

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Address: Procurement Section, 3800 Commonwealth Blvd., MS#93, Tallahassee, FL 32399-3000  
Telephone: 850-245-2367  
Email: Fran.spivey@dep.state.fl.us  
Internal Tracking No.: DEP 16/17 SSA002 |
| Date Posted: Monday, August 22, 2016 @ 8:00 am  
Last day for receipt of information: Wednesday, August 31, 2016 @ 8:00 am |

This description of commodities or contractual services intended for purchase from a single source is posted in accordance with section 287.057(5)(c), Florida Statutes and will remain posted for a period of at least 7 business days.

**Commodity or Service Required** (commodity class and group, manufacturer, model, and description, as appropriate):

41115700 Chromatographic measuring instruments and accessories

**Quantity or Term** (as appropriate): One Time Purchase

**Requestor** (division, bureau, office, individual, as appropriate): Candance Sereico, Florida DEP Laboratories

**Performance and/or Design Requirements** (intended use, function or application, compatibility etc. requirements; reference to policy, rule, statute or other act of the Legislature, etc., as appropriate):

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**Intended source** (vendor, contractor): AGILENT TECHNOLOGIES

**Estimated Dollar Amount**: $116,736.90

**Justification for single source acquisition** (what is necessary and unique about the product, service or source; steps taken to confirm unavailability of competition, as appropriate):

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1.2. The GC must support twenty ramps and twenty-one-plateau oven temperature programming flexibility. Negative ramps must be allowed. Multiple ramps are required for method design flexibility.

1.3. The GC temperature range must be at least –80 °C to 450 °C with liquid nitrogen cooling. Without cryogenics, the operation temperature must be 4 °C above ambient to 450 °C. The system must have a fast oven temperature programming ramp rate up to 120 °C/min and oven cool down from 450°C to 50°C in 4 minutes at ambient temperature of 22°C. The GC must automatically shut off gases in the event of a leak and turn the oven power off automatically when the lid/door is opened. The temperature range, heating rate, and cooling rates are needed to achieve analytical method requirements and to minimize analysis time.

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2.1. The mass spectrometer must be a single quadrupole design with full-scan and selected-ion monitoring capabilities. The instrument must be capable of synchronous Selected-Ion Monitoring (SIM) and Full-Scan operation. Full-scan and SIM operation are requirements for the analytical methods we use.

2.2. The mass spectrometer must be equipped with a >250 L/s high vacuum turbomolecular pump system. The vacuum system must be adequate to handle carrier flow rates for large bore capillary columns, with a minimum carrier flow rate of 4 ml per minute. Pump-down from atmosphere to operating pressures must require no more than 3 minutes in order to obtain spectra and reach stable operating temperatures in less than 2 hours. Venting the system must take no more than approximately 20-40 minutes. The fast pump-down and venting requirements will increase the laboratory’s productivity.

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molecular reactions and provide a spare filament. The source filament voltage must be user-selectable over a range of 5 to 240 eV. Dual filaments and user setting flexibility allow for flexibility in research projects, special sampling situations, and minimizes down time.

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3.5. The data processing software must be integrated with the data collection software program, so that moving from data collection to processing data is seamless, not relying on extra external forms. This feature is designed to enhance data integrity and reduce the complexity of the data processing procedure.

3.6. The GC/MS software must be able to automatically create a SIM method from the scan data file of an injected standard. This is a time-saving and error-prevention feature to enhance laboratory productivity.

3.7. The software must be able to share libraries, methods, sequence tables, and process data on existing laboratory Agilent 5975 and 5977 instruments. This requirement will minimize staff training and avoid the expense associated with purchasing multiple GC/MS libraries.

4. Service, Installation, and Training:

4.1. The Service Provider must include installation of all equipment, including checkout and verification of performance. The Service Provider must offer on-site services including all labor, parts, and materials required to maintain the hardware in good operating condition. This provides immediate verification that the instrument is working properly before the laboratory officially accepts the purchased equipment.

4.2. The GC/MS and Chromatography Data Acquisition System must include a maintenance warranty and technical support of at least one (1) year including all parts, software upgrades, labor and travel and have available optional enhanced/extended warranty packages. Warranty service is needed to mitigate potential instrument failure and reduce instrument down-time.

4.3. The GC/MS vendor must guarantee in writing a maximum response time of three hours for service calls via telephone whenever the system is inoperable, and a maximum response time of two work days for on-site service whenever telephone consultation cannot resolve the problem. Both aforementioned response times are defined as the length of time from first contact by FDEP regarding an inoperable system to either the receipt of a telephone response from a service engineer or the arrival of a service engineer. This requirement will help minimize downtime and disruption to the laboratory services.

4.4. The vendor must guarantee in writing that technical support will be provided for the lifetime of the System and that service contracts will be available to the Department for the instrument at least ten (10) years after delivery. This helps insure the laboratory can receive quality service over the life of the instrument.

4.5. Service must include an assigned Account Customer Engineer and an assigned backup Customer Engineer to insure uninterrupted service to our laboratory.

Companies and Instrument Systems Considered in Our Market Review:

The following companies and instrument systems were considered in this review and were evaluated by the previously listed specifications.

Comments: Selected Instrument.

Comments: Does not meet specifications 1.9, 2.1, 2.5, 2.6, 2.7, 3.3, 3.5, and 3.7

Comments: Does not meet specifications 1.9, 2.5, 2.6, 2.13, 3.1, 3.3, and 3.7

Company: Finnigan MAT      Instrument: TSQ 8000 GC/MS/MS
Comments: Does not meet specifications 1.9, 2.1, 2.3, 2.5, 2.6, 2.13, 3.1, 3.3, 3.5, and 3.7.

Company: JEOL LTD.       Instrument: AccuTOF Mass Spectrometer
Comments: Does not meet specifications 1.9, 2.1, 2.6, 2.13, 3.3, and 3.7.

Company: JEOL LTD.       Instrument: Master-Quad Series Mass Spectrometers
Comments: Does not meet specifications 1.9, 2.5, 2.6, 2.7, 2.13, 3.3, and 3.7.

Company: LECO       Instrument: Pegasus GC-TOFMS Mass Spectrometer
Comments: Does not meet specifications 1.9, 2.1, 2.6, 2.7, 2.13, 3.3, and 3.7.
Company: Perkin Elmer      Instrument: Clarus SQ 8 Series Mass Spectrometer
Comments: Does not meet specifications 1.9, 2.6, 2.7, 2.9, 2.13, 3.1, 3.3, and 3.7

Company: Scion Instruments      Instrument: SCION SQ Mass Spectrometer
Comments: Does not meet specifications 1.9, 2.5, 2.6, 2.7, 2.12, 3.3, 3.5, and 3.7

Company: Shimadzu       Instrument: QP2010SE and QP2010-Ultra Mass Spectrometers
Comments: Does not meet specifications 1.9, 2.3*, 2.5, 2.6, 2.7, 2.13, 3.3, and 3.7.
    * For QP2010SE model.

After a careful market review, we have concluded that Agilent Technologies is the only vendor that can provide the replacement GC/MS instrumentation compatible with our existing laboratory operations and analytical needs. Therefore, we request permission to purchase the 5977B/7890B instrument from Agilent Technologies on a single source basis.

Approved By (names & titles, as appropriate, e.g., requestor, requestor management, information systems, budget, purchasing):

Kerry Tate, Florida Florida DEP Laboratories
Timothy Fitzpatrick, Florida DEP Laboratories
Sara Amour, Florida Florida DEP Laboratories
Liang Lin, Florida Florida DEP Laboratories
David D. Whiting, Florida DEP Laboratories
Thomas Frick, Department of Environmental Assessment and Restoration
Fran Spivey, Procurement Section
Janice Pursley, Procurement Section

Prospective vendors are requested to provide information regarding their ability to supply the commodities or contractual services described. If it is determined in writing by the agency, after reviewing any information received from prospective vendors, that the commodities or contractual services are available only from a single source, the agency shall:

1. Provide notice of its intended decision to enter a single-source purchase contract in the manner specified in s.120.57(3) FS, if the amount of the contract does not exceed the threshold amount provided in s.287.017 for CATEGORY FOUR.
2. Request approval from the Department of Management Services for the single-source purchase, if the amount of the contract exceeds the threshold amount provided in s.287.017 for CATEGORY FOUR. If the Department of Management Services approves the agency's request, the agency shall provide notice of its intended decision to enter a single-source contract in the manner specified in s.120.57(3), FS.
August 3, 2016

Kerry Tate, PhD
Environmental Manager
Florida Department of Environmental Protection
Chemistry Program

Phone: 850-245-8309
E-mail: Kerry.Tate@dep.state.fl.us

RE: Agilent Technologies SAP Quotation # 2115788 – 7890B/ 5977B GC-MS system.

Dear Dr. Tate:

Agilent Technologies, Inc., Santa Clara, CA (formerly Hewlett-Packard Co.) exclusively manufactures and supplies the above referenced instrumentation. The GC-MS system on the quotation referenced above are manufactured at our Division in Shanghai, China.

Our 7890B Gas Chromatograph and our 5977B Mass Spectrometer have several features and options which are unique to Agilent Technologies. Our MMI inlet and HES/High Efficiency source are patented technologies. The Jet Clean Source option is also proprietary technology. Agilent Technologies is the only GC-MS vendor who offers the self-cleaning source option for mass spectrometers.

While Agilent Technologies does have other Channel Partners for distribution for some of our products, the other channels are required contractually to add significant value in the form of additional hardware or software or make our products available for leasing or rental purposes only. We have no other companies that actually manufacture any of our instruments; they only supply ‘add-on’ pieces.

Thank you for the opportunity to clarify this issue. Please feel free to contact me if you have any additional questions.

Sincerely,

Linda Schuchler

Linda Schuchler
Agilent Technologies, Inc.
Sales Representative
# Quotation

Mr. Kerry Tate  
State of Florida  
2600 Blairstone Rd  
Tallahassee FL 32399-6542

7890B/5977B GC-MS system with HES & Jet Clean source option. Promotional discounts have been applied to the items on this quotation. Trade-in of existing GC-MS system is required.

<table>
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<tr>
<th>Product/Description</th>
<th>Qty/Unit</th>
<th>Unit List Price</th>
<th>Discount Amount</th>
<th>Extended Net Price</th>
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<tr>
<td>G7079BA</td>
<td>1.000 EA</td>
<td>101,843.00 USD</td>
<td>30,552.90-</td>
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| 5977B HES MSD Turbo EI Bundle Includes the High Efficiency Source, Data System (Software, Monitor, PC) and additional G1701FA Data License.  
Promo # 9479  
5973N, G2578A S/N US03950264  
With the following configuration:  
Ship-to Country : USA  
JetClean Self-Cleaning Ion Source Option  
Add ChemStation DA w/ MassH Fam  
Add Laser Printer  
Installation (44K)  
Familiarization at Installation (44L)  
1 Year SW Update/Phone Assist (44W) |
|                      |          |                |                 |                   |
| **Item Total**       |          |                |                 | 78,628.90         |

Promotion discount 30.00 %.

| G3440B               | 1.000 EA | 14,421.00 USD | 4,326.30-       | 10,094.70         |
| Agilent 7890B Series GC Custom.  
includes LAN interface, 7693 interface ,20-ramp oven programming, 6 heated zones, 2 analog out, keyboard and display pressure setpoints to 0.001psi (0-99 psi)  
Promo # 9479  
6890 Plus, G1530A S/N US000035619  
With the following configuration:  
Ship-to Country : USA  
Promotion No. : Promotion #9479 |

Contact  
Linda Schuchler  
678-566-6198  
11/01/2016

To place an order: Call 1-800-227-9770 Option 1  
For Instruments Fax : 302-633-8953  
Email : LSCAinstrumentssales@agilent.com  
For Consumables Fax : 302-633-8901  
Email : CAG_sales-NA@agilent.com  
For Genomics Fax : 512-321-3128  
Email : orders@agilent.com  
For additional instructions, see last page

Create Date  
08/03/2016  
Delivery Time  
7 Weeks  
Page  
1 of 4
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<tr>
<th>Product/Description</th>
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<th>Unit List Price</th>
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<tr>
<td>INERT Cap S/SL inlet with EPC-100psi</td>
<td>1 EA</td>
<td>4,836.00 USD</td>
<td>1,450.80-</td>
<td>3,385.20</td>
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<td>Multimode Inlet, LN2 or Air Cooling</td>
<td>1 EA</td>
<td>10,350.00 USD</td>
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<td>Mass Spectrometer Detector Interface</td>
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<td>Three channels of auxiliary EPC</td>
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<td>2,565.00 USD</td>
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<td>Oven exhaust deflector</td>
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<td>173.00 USD</td>
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<td>Purged Union, Backflush Ready</td>
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<td>1,949.00 USD</td>
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<td>1,445.00 USD</td>
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**Item Total** 26,514.60

Promotion discount 30.00 %.

**G4513A** 1.000 EA 7,147.00 USD 2,144.10- 5,002.90

7693A Autoinjector Includes transfer turret, 16-sample turret, mounting post, parking post for GC, 10ul syringe, and solvent bottles.

With the following configuration:
Ship-to Country : USA
Installation (44K) 1 EA 446.00 USD 133.80- 312.20

**Item Total** 5,315.10

Promotion discount 30.00 %.

**G4514A** 1.000 EA 8,514.00 USD 2,554.20- 5,959.80

7693 Tray, 150 vial includes three removable 50-vial racks and GC mounting bracket.

With the following configuration:
Ship-to Country : USA
# Quotation

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<th>Unit List Price</th>
<th>Discount Amount</th>
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**Item Total**

6,278.30

Promotion discount 30.00%.

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<td>Net Amount</td>
<td>$116,736.90</td>
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<td>$116,736.90</td>
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</tbody>
</table>

Mr. Kerry Tate  
State of Florida  
2600 Blairstone Rd  
Tallahassee FL 32399-6542

To place an order: Call 1-800-227-9770 Option 1  
For Instruments Fax: 302-633-8953  
Email: LSCAinstrumentsales@agilent.com  
For Consumables Fax: 302-633-8901  
Email: CAG_sales-NA@agilent.com  
For Genomics Fax: 512-321-3128  
Email: orders@agilent.com  
For additional instructions, see last page.
TO PLACE AN ORDER, Agilent offers several options:

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.
   To place an order for Genomics, please fax the order to 512-321-3128, or email to orders@agilent.com
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 http://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. 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 $4000 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 90 days unless otherwise indicated.
* Warranty period for instrumentation is 1 year. The Warranty period for columns and consumables is 90 days.

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 these 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.
ATTESTATION OF NO CONFLICT
(PUR7662)

Instructions: Individuals required by s. 287.057(20), F.S. to attest that they are independent of and have no conflict of interest in an entity evaluated and selected as a part of a procurement accomplished without competition, must sign this form.

Reference:

Vendor/Contractor: AGILENT TECHNOLOGIES
Requisition/Purchase Order, or Other Tracking Number: DEP 16/17 SSA002

Each undersigned individual hereby attest that he/she took part in the non-competitive procurement identified above and that he/she is independent of, and has no conflict of interest in, the entity evaluated and selected.

Sam Armour  8/15/16
Liang Lin  8/15/16
Kerry Tate  8/15/16
Timothy Fitzpatrick  8/15/16
David D. Whiting  8/16/16
Thomas Frick  8/16/16
Fran Spivey  8/16/16
Janice Pursley  8/17/16