



MISSISSIPPI STATE DEPARTMENT OF HEALTH

June 3, 2016

INVITATION FOR BID

RFx NO 3160001001

The Mississippi State Department of Health plans to purchase the following, and invites your bid:

Two (2) Inductively Coupled Plasma Mass Spectrometry (ICP-MS) systems
with chiller and autosampler as per attached specifications,

Price Each \$ _____
Total for (2) \$ _____

The Inductively Coupled Plasma Mass Spectrometry (ICP-MS) will be used to analyze water samples for the Environmental Protection Agency (EPA) methods to test drinking water for chemicals in the Mississippi Public Health Laboratory (MPHL). Its primary use will to detect inorganic contaminants in our state's public water systems. The ICP-MS must be capable of analyzing drinking water by EPA Method 200.8. Equipment supplied shall be newly manufactured by a nationally known manufacturer and not previously owned. The successful bidder will be responsible for the installation of the instrument. The MPHL plans to purchase two (2) ICP-MS systems with the same features and functionality separately or at the same time. The MPHL will coordinate purchase with the successful vendor.

This bid will be awarded on a total overall review of the specifications listed. The vendor is responsible for providing relevant documentation and demonstration that the instrument quoted in response to the bid meets all of the specifications listed.

All Bids to be f.o.b. destination.

E-Verify Compliance – Contractor/Seller represents and warrants that it will ensure its compliance with the Mississippi Employment Protection Act (Senate Bill 2988 from the 2008 Regular Legislative Session) and will register and participate in the status verification system for all newly hired employees. The term "employee" as used herein means any person that is hired to perform work within the State of Mississippi. As used herein "status verification system" means the Illegal Immigration Reform and Immigrations Responsibility Act of 1996 that is operated by the United States Department of Homeland Security, also known as the E-Verify Program, or any other successor electronic certification system replacing the E-Verify Program. Contractor/Seller agrees to maintain records of such compliance and upon request of the State, provide a copy of each such verification to the State. Contractor/Seller further represents and warrants that any person assigned to perform services hereunder meets the employment eligibility requirements of all immigration laws of the State of Mississippi. Contractor/Seller understands and agrees that any breach of these warranties may subject Contract/Seller to the

following: (a) termination of the Agreement and Ineligibility for any state or public contract in Mississippi for up to three (3) years, with notice of such (b) the loss of any license, permit, certification or other document granted to Contractor/Seller by an agency, department or governmental entity for the right to do business in Mississippi for up to one (1) year, or (c) both. In the event of such termination/cancellation, Contractor/Seller would also be liable for any additional costs incurred by the State due to contract cancellation or loss of license or permit.

E-Payments – Payments by The Mississippi State Department of Health shall be made and remittance information provided electronically as directed by The State of Mississippi. These payments shall be deposited into the bank account of the Contractor's Choice. The State may, at its sole discretion, require the Contractor to submit invoices and supporting documentation electronically at any time during the terms of this agreement. Contractor understands and agrees that the State is exempt from the payment of taxes. All payments shall be in United States currency.

Applicable Law – This purchase shall be governed by and construed in accordance with the laws of the State of Mississippi, excluding its conflicts of law provisions, and any litigation with respect thereto shall be brought in the courts of the State of Mississippi. The vendor shall comply with applicable federal, state and local laws and regulations.

Payment Terms – MS Code Section 31-7-305(3) allows a state entity to pay invoices within 45 days without penalty.

Bid terms are welcome; however, they will not be used as criteria for awarding the bid.

Prospective bidders are to contact Jennifer Dotson at (601) 576-7627 or by e-mail at Jennifer.dotson@msdh.ms.gov if there are any questions regarding this bid. All questions shall be submitted in writing by e-mail or by regular mail. Questions shall be submitted in time to be received at least five (5) days prior to the IFB closing date and time.

Prior to the time specified for the bid opening, sealed bids along with any other documentation required must be hand delivered or mailed to **Mississippi State Department of Health, PURCHASING DEPARTMENT, ROOM 137A, THE UNDERWOOD BUILDING, 570 E. WOODROW WILSON, JACKSON, MISSISSIPPI 39216 OR POST OFFICE BOX 1700, JACKSON, MS 39215-1700.**

Bids must be received, dated and time stamped prior to 10:30 a.m., CST/DST, Wednesday, June 22, 2016, at which time bids will be opened. No bids will be accepted after the established bid opening time. **Bids will be opened and read at 10:30 a.m., CST/DST in Suite 134 Conference Room, Underwood Building, 570 E. Woodrow Wilson, Jackson, Mississippi.**

In addition, bidders should also submit a bid on-line in the State of Mississippi electronic procurement system, MAGIC. In order to submit bids, bidders must be registered as a vendor in MAGIC system and have an I.D. number and password assigned at the time of registration. Help for registering in MAGIC can be found at www.mmrs.state.ms.us.

No facsimile (FAX) bids will be accepted. This bid must be signed by a person with authority to bind the bidder. Failure to comply with this provision, any other provision of this Invitation for Bid, or any provision of State or Federal Law or regulation regarding the submission of bids will cause the bid to be rejected.

Submitted bids/responses will be available for review at the bid opening.

All bidders are invited and encouraged to attend the bid opening to review the submitted bids. After the close of the bid opening, the bids will be considered to be in the evaluation process and will not be available for review by bidders.

Approval for any award of this Invitation For Bid may have to be obtained by the Mississippi State Department of Health from the State of Mississippi Public Procurement Review Board. Any award notice, successful or unsuccessful, will be provided in written form and sent to all participants of the Invitation For Bid.

The Mississippi State Department of Health reserves the right to define equals, to reject any or all bids, and waive all informalities.

PLEASE MARK YOUR ENVELOPE: Bid Due 10:30 a.m. CST/DST, June 22, 2016.

RFx# 3160001001

NAME OF COMPANY _____

QUOTED BY _____

SIGNATURE _____

TELEPHONE _____

E-MAIL _____

(If the agency, MSDH, is closed for any reason, including but not limited to: acts of God, strikes, lockouts, riots, acts of war, epidemics, governmental regulations superimposed after the fact, fire, earthquakes, floods, or other natural disasters (the "Force Majeure Events"), which closure prevents the opening of bids at the advertised date and time, all bids received shall be publicly opened and read aloud on the next business day that the agency shall be open and at the previously advertised time. The new date and time of the bid opening, as determined in accordance with this paragraph, shall not be advertised, and all bidders, upon submission of a bid proposal, shall be deemed to have knowledge of and shall have agreed to the provisions of this paragraph. Bids shall be received by the agency until the new date and time of the bid opening as set forth herein. **The agency shall not be held responsible for the receipt of any bids for which the delivery was attempted and failed due to the closure of the agency as a result of a Force Majeure Event.** Each bidder shall be required to ensure the delivery and receipt of its bid by the agency prior to the new date and time of the bid opening.)

Specification for Inductively Coupled Plasma Mass Spectrometry (ICP/MS) with chiller and autosampler.

The Mississippi Public Health Laboratory (MPHL) plans to purchase two (2) ICP/MS systems. All components and features for both instruments must be exactly the same or duplicate instruments. The systems must be new and not a refurbished or a demonstration instrument. Quotations in response to the bid must meet specifications for each component and for each ICP/MS system. The MPHL may opt to purchase one instrument at a time within a year or purchase both instruments at the same time.

Each ICP/MS must be capable of analyzing drinking water in full compliance with EPA Method 200.8, processing a minimum of 100 samples in one 8 hour work shift.

The ICP/MS system must be a fully computer controlled, bench top ICP Mass Spectrometer, consisting of spectrometer and ICP-MS software which runs under the Windows 7® operating system. It must include an installation kit with installation solutions, gas lines, cooling lines, flexible vent tubing, waste container, and sample introduction, torch and interface spares kits. Features should include a cyclonic sample introduction system with concentric nebulizer; a built-in 27 MHz or higher free-running Inductively Coupled Plasma source and an interface to control ion energies. Both systems must contain the same features and software versions.

Additional features should include the following:

- torch mount that provides one handed removal and replacement;
- a quadruple-stage or equivalent vacuum system;
- at least a two cone interface to collimate the ion beam;
- ion deflector that reduces neutrals and polyatomics;
- effective control of polyatomic interferences in drinking water;
- a quadrupole with thermal stability, for abundance sensitivity;
- introduction to the mass analyzer is a self cleaning system to guarantee stable and maintenance free operation,
- data acquisition speed to meet daily use requirements.

In addition, the quote must include the following components:

Chiller (one per instrument):

- Suitable to meet requirements for use with the ICP/MS
- Designed for indoor installation in ambient temperature between 5° and 30°C
- Sound measurement at 1 meter away: 65dBA
- Electrical Requirements: 60Hz; 208-230V

Chiller Coolant:

- Suitable for use with the Chiller

Bench (one per instrument):

- Instrument bench capable of supporting the ICP/MS system and related vacuum pump on one unit, allowing ease of access for maintenance.

Autosampler (one per instrument):

- Computer controlled autosampler with built-in re-circulating wash station suitable for use with the ICP/MS.
- Autosampler controlled by ICP/MS Software.
- Sample racks with at least 180 sample positions and with varying configurations for 15 mL and 50 mL samples.

Software Specifications for each instrument:

- The system software must be 100% compatible with a Laboratory Information Management System (LIMS) used to support environmental testing.
- Must have easy to use data analysis software that will provide a seamless upload to the LIMS,
- Routine maintenance alerts scheduled by user,
- Pre-set methods,
- All analytical raw data must be retained and stored on hard disk to support a complete data audit trail,
- Time and date printed on each sheet of data generated per EPA requirements,
- Data reprocessing on stored data without re-running samples for changes of calibration points, internal standard points or curve fit mode,
- Instrument software updates must be provided free of charge.

Training for each instrument:

- Must include 2 days dedicated on-site training for analytical software.
- Must include 2 days dedicated on-site training for instrument.
- Additional off-site training available for instrument and software should be included in the quote.
- Training for the 2nd instrument will be needed for staff not trained as part of the 1st instrument purchase.

Installation requirements for each instrument:

- On-site installation must be included in the quotation.
- Instrument must be installed and ready for use by the customer within six (6) weeks of receipt of a purchase order by the vendor. The specific details for delivery must be scheduled and coordinated directly with MPHL staff.

Service for each instrument:

- Vendor must provide a toll free telephone number for technical assistance that is accessible Monday through Friday from 8:00 am–5:00 pm CST/CDT.
- Must provide on-site technical assistance by factory trained service engineers within 72 hours of service call.
- Must provide on-site service calls by factory trained service engineers to perform preventive maintenance as required by the manufacturer.
- The analyzer and components must have at least a one-year warranty that covers all preventative maintenance, repairs and parts. Warranty should begin after installation is completed.

- A service agreement must be available for purchase, after the expiration of the warranty period, throughout the life of the instrument. Pricing for a one-year agreement must be provided.
- Parts must be available as part of the service agreement or for direct purchase throughout the life of the instrument.

Other Requirements

- Instrument maintenance must be clearly defined for daily, weekly or monthly intervals.
- The vendor must define the calibration requirements for the system.
- An itemized list for consumables that are needed, including quantity per unit of measure and individual prices must be provided.
- A list of distributors that sell consumables must be provided, if applicable.
- The number of samples that can be processed per hour should be clearly defined
- The number of samples that can be tested per hour for all parameters of EPA method 200.8 must be clearly defined
- Vendor must provide adequate documentation to support the instrument's ability to meet the specifications.