



INVITATION FOR BIDS
OFFICE OF PROCUREMENT & CONTRACTS

1. INSTRUCTIONS FOR BIDDERS

- a. Sealed bids will be received in the Office of Procurement & Contracts, Mississippi State University, for the purchase of the items listed herein.
- b. All bids must be received in the Office of Procurement & Contracts on or before the bid opening time and date listed herein. Delivery of bids must be during normal working hours, 8:00 a.m. to 5:00 p.m. CST, except on weekends and holidays when no delivery is possible.
- c. Bidders shall submit their bids either electronically or in a sealed envelope. To submit electronically, follow the instructions below. Bids CANNOT be emailed.
 - i. Sealed bids should include the bid number on the face of the envelope as well as the bidders' name and address. Bids should be sent to: 245 Barr Avenue, 610 McArthur Hall, Mississippi State, MS 39762.
 - ii. At this time we only accept non-ITS bids electronically. For electronic submission of bids, go to: portal.magic.ms.gov and use the RFX number on the next page as your reference number.
- d. All questions regarding this bid should be directed to the Office of Procurement & Contracts at 662-325-2550.

2. TERMS AND CONDITIONS

- a. All bids should be bid "FOB Destination"
- b. Bidders must comply with all rules, regulations, and statutes relating to purchasing in the State of Mississippi, in addition to the requirements on this form. General Bid Terms and Conditions can be found here:
https://www.procurement.msstate.edu/procurement/bids/Bid_General_Terms_May_2019_V2.pdf
- c. Any contract resulting from this Invitation for Bid shall be in substantial compliance with Mississippi State University's Standard Contract Addendum:
<https://www.procurement.msstate.edu/contracts/standardaddendum.pdf>

Bid Number/RFX Number: 23-66/RFX#3160005902

Opening Date: June 7, 2023 at 2:00 p.m.

Description: Mass Spectrometer

Vendor Name: _____

Vendor Address: _____

Telephone Number: _____

Days the Offer is Firm: _____

Authorized Signature: _____

Name: _____

Title: _____

Item	Quantity	Description	Unit Price	Total Price
1	1	Matrix-Assisted Laser Desorption Ionization-Time of Flight Mass Spectrometer		

Mississippi State University College of Veterinary Medicine requests bids for a MALDI-TOF to meet our mass spectrometry needs.

General Specifications:

- matrix-assisted laser desorption ionization-time of flight mass spectrometer (MALDI-TOF MS) for rapid microorganism identification from clinical cultures.
- Benchtop MALDI-TOF MS instrument with built in acquisition and user interface computer, a battery backup power supply (UPS), and results management database (virtual hosting or PC hardware).
- Must integrate with bioMerieux MYLA instrument management software for sample slide preparation, sample result reporting, and connectivity to laboratory information systems. **MYLA is the current software that is used by the CVM diagnostic lab system.**

Summary of key instrument features and specifications:

- FDA cleared database includes gram positive & gram negative bacteria, yeast, mycobacteria & nocardia, and molds.

- 400 FDA cleared organisms. 1,316 total species, 15,556 strains included in the IVD
- Touch screen instrument interface and built in keyboard.
- Ready to use reagents.
- Disposable 48 spot slides.
- Automated continuous random-access load and go with 16 slide capacity (48 samples/slide for a total of 768 isolate capacity).
- Automated slide barcode scanning.
- Urgent slide prioritization.
- Approximate throughput of 144 isolates/hour.
- Automated fine-tuning.
- Lifetime laser (100 billion shots) to reduce on-site service events and increase instrument uptime.
- On-axis laser and ion optics designed to reduce maintenance.
- 349 nm, actively Q switched, high repetition rate DPSS, Neodymium-Doped YFL laser.
- Hybrid linear detector with three stages combines the advantages of multiple detector types to improve overall detector performance.
- Size, (w h d) – 28 inches x 43 inches x 28 inches, minimum distance to wall at back is 3 inches.
- Weight, 322 lbs excluding battery backup power supply (UPS).
- Electrical, dedicated branch circuit, 10A 100-240 VAC 50-60 Hz.

Physical Location of Equipment:

240 Wise Center Drive

Mississippi State, MS 39762