



INVITATION FOR BIDS
OFFICE OF PROCUREMENT SERVICES

1. INSTRUCTIONS FOR BIDDERS

- a. Sealed bids will be received in the Office of Procurement Services, Mississippi State University, for the purchase of the items listed herein.
- b. All bids must be received in the Office of Procurement Services 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, in Bully Buy, or in a sealed envelope. Bids CANNOT be emailed
 - a. Sealed bids should include the bid number on the face of the envelope as well as the bidders' name and address. Bids should be mailed to : 405 Garrard Road E, Starkville, MS 39759.
- d. All questions regarding this bid should be directed to the Office of Procurement Services 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.contracts.msstate.edu/resurces/standard-forms>

Bid Number: MSU2026063

Opening Date: Tuesday April 21, 2026 at 2:00 p.m.

Description: Laser Diffraction Systems to be Utilized to Measure Spray Droplet Size in a Wind Tunnel System

Vendor Name: _____

Vendor Address: _____

Telephone Number: _____

Email Address: _____

Days the Offer is Firm: _____

Authorized Signature: _____

Name: _____

Title: _____

Item	Quantity	Description	Unit Price	Total Price
1	2	Laser Diffraction System		

The Mississippi Agricultural and Forestry Experiment Station is seeking bids for two (2) laser diffraction sensors and associated hardware that will be used to determine particle size of droplets produced during liquid pesticide application. The lasers will primarily be utilized to determine droplet size of spray droplets produced during spray application of agricultural products.

Required Component/Specifications:

Laser Diffraction System Measuring Range: 0.5 μm – 3500 μm

Laser Beam Diameter: 26mm

Working Distance from Lens to Spray Plume: <1300 μm

Laser Diffraction System Frame and Housing Material: Metal

Dispersion Module Compatibility: Selected system must be compatible with future add-on dispersion modules to allow for measurement of dry powder, granules, etc. for non-spray applications.

Data acquisition: Computer including monitor adequate to manage laser diffraction system and data acquisition must be included in bid

Software: Appropriate software package to manage laser diffraction system and data acquisition must be included in bid

Training: Training on use, maintenance, and safety of laser diffraction system and associated hardware/software must be included in bid