



MISSISSIPPI STATE
UNIVERSITY™

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, 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 : 245 Barr Avenue, 610 McArthur Hall, Mississippi State, MS 39762.
- 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: MSU20205027

Opening Date: October 14, 2025 at 2:00 p.m.

Description: Dynamic Shear Rheometer

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		Dynamic Shear Rheometer		

Technical Specifications for a dynamic shear rheometer (DSR):

The DSR must be capable of performing asphalt binder tests according to AASHTO T315, AASHTO T350, AASHTO T391.

Must have an environmental chamber capable of achieving 110°C or higher on the high temperature side and -50°C or lower on the low temperature side without liquid nitrogen.

The DSR must include an extensional viscosity accessory.

25mm and 8mm plates must be included.

Minimum torque for steady shear: 5 nN.m or lower

Minimum torque for oscillation: 5 nN.m or lower

Maximum torque: 200 mN.m or higher

Torque resolution: 0.1 nN.m or lower

Minimum frequency: 1.0E-7 Hz or lower

Maximum frequency: 100 Hz or higher

Maximum normal force: 50 N or higher

Normal force resolution: 0.5 mN or lower

Power: 115V/60Hz; 208-240/60Hz

US Compatible

Warranty and Service required

Installation and Training required

Equipment must not be used.

All other requirements applicable for Mississippi State Purchasing must be met.