



MISSISSIPPI STATE
UNIVERSITY™

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 : 245 Barr Ave, 610 McArthur Hall, Mississippi State MS 39762.
- 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/resources/standard-forms>

Bid Number: MSU2026110

Opening Date: Monday October 12, 2026 at 2:00 p.m.

Description: IDEELab METAL Mobile Training Unit

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	1	IDEELab METAL Mobile Training Unit		

MSU Mechanical Engineering seeks proposals for a minimum 49-foot educational trailer with four electric flush slide-out sections for K-12 outreach in the Mississippi Association of Planning and Development Districts (MAPDDs) across the state. This trailer must have the electrical and spatial capacity for eight hands-on demonstration stations and their corresponding equipment (casting, CNC machining, composites, robotics, injection molding, additive manufacturing, quality control, and laser engraving) while accommodating a minimum of 24 students and two instructors per session. Appropriate cabinetry will also need to be accounted for, along with a room dedicated to storage.

The trailer will need to be supported by a heavy-duty I-beam frame with three 8,000 lb axles, a six-point hydraulic leveling system, a three-ton HVAC system with two interior heads, and a 12kW diesel generator with a 40-gallon fuel cell.

To accommodate for participants, the trailer must have four electric flush slide-out sections, four slide-out topper systems, two exterior electric canopy awnings, four above the door manual awnings, an electric powered ADA wheel-chair lift and appropriate dedicated ADA door (48"), three entrance/exit doors with drop-down stairs and railings, three ceiling power vents, and one roof-mounted AC unit. 120V power, 5-8 cfm compressor with line ran in the trailer.

A dedicated WiFi system, shore-power hook-up capabilities, AV/IT racks, media receivers, exterior and interior speakers will also need to be provided as part of the trailer's outreach capabilities. For safe towing, the trailer will need a fifth wheel kingpin hitch, eight exterior security lights, and dimmable interior lighting.

For the trailer, an exterior and interior graphic wrap package will also be needed for proper branding. Safety, electrical, carpentry, metals, HVAC, and misc. supplies will also need to be provided, as well as labor, insurances, taxes, permits, shipping, design services, and annual DOT inspections. For the interior equipment needed, one 55" monitor and wall bracket and six 43" monitors and brackets will need to be installed for their appropriate station. Two exterior monitors and two monitor compartments will also be required.

Vendors shall demonstrate previous experience designing and manufacturing expandable educational, laboratory, training, or specialty outreach trailers of comparable complexity and size. The unit must meet all appropriate OSHA safety requirements for use. Safety features shall include emergency egress pathways, fire extinguishers, first aid supplies, lockable electrical disconnects, non-slip flooring surfaces, emergency lighting, marked exits, and appropriate signage throughout the trailer.

Quotes shall include all engineering, fabrication, installation, graphics, transportation, commissioning, permits, taxes, insurance, training, documentation, and accessories required to provide a fully operational mobile STEM and manufacturing laboratory.