

Mississippi State University
Notice of Proposed Sole Source Purchase
245-52

Mississippi State University anticipates purchasing the item(s) listed below as a sole source purchase. Anyone objecting to this purchase shall follow the procedures outlined below.

1. Commodity or commodities to be purchased (make, model, description):

KFT Lab V03

- Forming area 300x200x130mm
- Downscaled process of KFT system
- Electric cylinder with 26kN press force
- Controllable by force and position
- Exchangeable pulp container 120 liter
- Continuous pulp flow system
- Integrated vacuum pump
- Compact size and all side access
- Moveable by fork lifter
- Manual, semi-and automatic processing

Electrical specs:

- Electrical heating of tools
- Up to 3 cycles per minute
- Emptying of vacuum vessel with compressed air
- Easy to clean platform system

Electrical connection:

3x400-480VAC+PE, 50/60 Hz, approx. 52 kVA / 75 A,
80A fuse required,

Connection compressed air ½" - min. pressure 6 bar

Total weight approx. 2000 kg, 7 mounting feet with 3,6kN load each

Consumption data:

Compressed air, dry: 170NI/min @ 6bar

Av. power consumption 44kVA @400V

2. Explanation of the need to be fulfilled by this item(s), how is it unique from all other options, and why it is the only one that can meet the specific needs of the department:

This machine is a laboratory scale thermoforming machine with a flexible pre-press. The pre-press is a patented technology that allows to reduce moisture content going into the hot-press for; 1. Energy savings and 2. Increased run-ability of highly technical parts.

3. Name of company/individual selling the item and why that source is the only possible source that can provide the required item(s):

Kiefel Technologies is the global leader in thermoforming equipment with the highest quality of machines and widest support network.

4. Estimated cost of item(s) and an explanation why the amount to be expended is considered reasonable:

The lab scale thermoforming machine is approx. \$250,551 USD. This price includes cost of components, labor for assembly, and engineering hours.

5. Explanation of the efforts taken by the department to determine this is the only source and the efforts used to obtain the best possible price:

Reaching out to all OEMs to see if they provide this type of machine and Kiefel is the only supplier that has a laboratory thermoforming machine with a footprint of 1.629m X 2.118m

Any person or entity that objects and proposes that the commodity listed is not sole source and can be provided by another person or entity shall submit a written notice to:

Jennifer Mayfield, CPPO
Interim Deputy Director of Procurement & Contracts
jmayfield@procurement.msstate.edu
Subject Line must read "Sole Source Objection"

The notice shall contain a detailed explanation of why the commodity is not a sole source procurement. Appropriate documentation shall also be submitted if applicable.

If after a review of the submitted notice and documents, MSU determines that the commodity in the proposed sole source request can be provided by another person or entity, then MSU will withdraw the sole source request publication from the procurement portal website and submit the procurement of the commodity to an advertised competitive bid or selection process.

If MSU determines after review that there is only one (1) source for the required commodity, then MSU will appeal to the Public Procurement Review Board. MSU will have the burden of proving that the commodity is only provided by one (1) source.