

The University of Southern Mississippi
Notice of Proposed Sole Source Purchase
SSP 20_002

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

1. Description of the commodity that USM is seeking to procure: **The Dektak XT profilometer from Bruker is an instrument for thin film measurements.**
2. Explanation of why the commodity is the only one that meets the needs of the agency:
The Dektak XT Profilometer features the following required capabilities:
 - a. **Motorized/programmable X-Y positioning over a 150mm x 150 mm area with unlimited programmable scan locations for monitoring deposition and etch rate uniformity across a sample.**
 - b. **Three-dimensional scanning capabilities with software for 3D area analysis of surface texture, film thickness uniformity and defect review of sample surface.**
 - c. **Automatic scan stitching**
 - d. **Motorized, continuous 360-degree theta rotation of samples, with variable speed control in either direction.**
 - e. **Measurement of thin film stress with a three-point suspension stage for stress measurements.**

Without these features, the intended research goals will not be attainable.

3. Explanation of why the source is the only source, person or entity that can provide the required commodity: **Bruker (formerly Veeco Instruments) is the world's leading supplier**

The University of Southern Mississippi
Notice of Proposed Sole Source Purchase
SSP 20_002

of stylus profilers. Due to the applications, low noise, and high resolution required for the experiments, the research intended would not be possible with competing systems.

4. Explanation of why the amount to be expended for the commodity is reasonable: **The instrument is using unique, patented, highly advanced technology. The price of this equipment is the same range as other similarly advanced technological instruments.**
5. Efforts that the agency went through to obtain the best possible price for the commodity: **The department researched equipment and no other product was found to meet the required specifications.**

Advertisement Schedule	Date
1st scheduled	7/16/19
2nd scheduled	7/23/19

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:

Steve Ballew

Director of Procurement & Contracts

Steve.ballew@usm.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, USM determines that the commodity in the proposed sole source request can be provided by another person or entity, then USM 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.

The University of Southern Mississippi
Notice of Proposed Sole Source Purchase
SSP 20_002

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