

The University of Southern Mississippi
Notice of Proposed Sole Source Purchase
SSP 20_016

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:

LFA 467 Hyperflash instrument from NETZSCH Instruments North America LLC for the measurements of thermal conductivity, heat diffusivity and specific heat analysis of polymeric materials and polymer based composites.

2. Explanation of why the commodity is the only one that meets the needs of the agency:

The LFA 467 Hyperflash offers a high level of sophistication and complexity which guarantees precise and accurate measurements. At the same time, the simplicity of the user interface and the availability of several unique mathematical models, developed by NETZSCH Instruments, make the data analysis fairly straightforward. The NETZSCH mathematical models are the only models developed for penetration testing and combine pulse and baseline corrections, as well as simultaneously modeling radial and facial heat losses. In addition to this, the ground-up design of the LFA 467 Hyperflash allows for the widest range of power levels and pulse sizes which are mapped using an independent data channel for high throughput characterization of the beam. Furthermore, NETZSCH Instruments' novel ZoomOptics feature ensures a very high signal-to-noise ratio. Therefore, NETZSCH Instruments is the sole source for this necessary equipment which is crucial for our collaborative project with the U.S. Army Engineer and Research Development Center (ERDC).

3. Explanation of why the source is the only source is the only person or entity that can provide the required commodity:

The LFA 467 Hyperflash employs a patented Light Flash method owned by NETZSCH Instruments. Therefore, NETZSCH is the sole supplier of this unique instrumentation.

4. Explanation of why the amount to be expended for the commodity is reasonable:

After long negotiation process with NETZSCH, the company offered USM a special deal in which they reduced the standard net price for this facility by 40%.

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5. Efforts that the agency went through to obtain the best possible price for the commodity:

We maintained a very close contact with NETZSCH company representative since summer, then arranged the web seminar with the facility demonstration, and then organized the Company visit and seminar at USM in which we successfully completed the negotiation process.

Advertisement Schedule	Date
1st scheduled	12/23/19
2nd scheduled	12/30/19

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.

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.