

USM SSP 23_024 Notice of Proposed Sole Source Purchase of WR-28 Material Characterization Kit

http://www.ms.gov/dfa/contract_bid_search/Bid

RFx: 3150004903

Comments/objections will be received as required per Section 31-7-13 (C) of the Mississippi Code until 8:00 a.m. (Central Time) on April 26, 2023.

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 118 College Dr. Box 5003 Hattiesburg, MS 39406

bids@usm.edu

Phone: 601-266-4131

Subject Line must read "Sole Source Objection USM SSP 23_024"

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.

Run Dates: 4/11, 4/18

The University of Southern Mississippi
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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 WR-28 Material Characterization Kit (MCK) is a dielectric material characterization solution in bands ranging between 25 GHz and 40 GHz. The WR-19 Material Characterization Kit (MCK) is a dielectric material characterization solution in bands over a wide frequency range between 40 GHz and 70 GHz.

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

The WR-28 and WR-19 Material Characterization Kit (MCK) is a characterization tool that can perform open-air measurements without the need for a focusing lens to measure material properties. The instrument is capable of self-aligned sample handling for reproducible results. No sample preparation is needed, no lens attenuation is needed, and no loss of RF integrity is observed with thicker samples.

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

The WR-28 and WR-19 Material Characterization Kit (MCK) uses corrugated horn focusing rings, a patented technology to internally focus RF energy into the material under test for open-air type measurements. The material under test is exposed to

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polarized planar phase RF beam for analysis. The gap distance does not affect signal propagation for RF integrity.

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

The WR-28 and WR-19 Material Characterization Kit (MCK) is manufactured using an IP-protected manufacturing process and the discounted cost of \$40,664 is reasonable for the kits.

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

The WR-28 and WR-19 Material Characterization Kits (MCK) are solely manufactured by the supplier and the kits have been quoted at a discount on the cost.

Advertisement Schedule	Date
1st scheduled	4/11/2023
2nd scheduled	4/18/2023

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Director of Procurement & Contracts

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