

**The University of Southern Mississippi**  
**Notice of Proposed Sole Source Purchase**  
**SSP 20\_015**

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: **N9020B MXA Signal Analyzer.**
2. Explanation of why the commodity is the only one that meets the needs of the agency:  
**This system is for research in order to test the noise signals from our organic infrared photodiodes and photoconductors. Other systems will not work for our needs as we need noise settings to be as sensitive as possible. Additionally, this instrument is the only one compatible with our existing testing systems and software.**
3. Explanation of why the source is the only source is the only person or entity that can provide the required commodity:

**The system features the following capabilities:**

- **An extremely low displayed average noise level (DANL) at -146dBm from 2Hz to 40MHz**
- **Noise floor extension**
- **Upgradable input frequencies up to 50GHz**
- **Amplitude accuracy of  $\pm 0.23$  dB**
- **Real time spectrum analysis**
- **Multi-touch touchscreen user interface with built-in Windows operating system**
- **Sole compatibility with existing testing systems and software**

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4. Explanation of why the amount to be expended for the commodity is reasonable: **No other company was able to meet these specifications and our requirements for extreme sensitivity for noise signals at very low frequencies.**
5. Efforts that the agency went through to obtain the best possible price for the commodity: **The department did extensive research for a comparable system, but none were found. Purchase will be made under promotion expiring 12/31/19.**

<b>Advertisement Schedule</b>	<b>Date</b>
<b>1<sup>st</sup> scheduled</b>	<b>12/19/19</b>
<b>2<sup>nd</sup> scheduled</b>	<b>12/26/19</b>

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.

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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.