

**Mississippi State University**  
**Notice of Proposed Sole Source Purchase**

**190-19**

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):**

IRIS M System with Accessories from RDI Technologies motion amplification camera and system for visualizing vibrations with manufacturing equipment.

**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:**

CAVS-E is planning a new service offering around predictive maintenance, which include vibration analysis. This camera is able to amplify the vibration or movement of manufacturing equipment as it is running. Knowing where a machine is vibrating more than it should is part of the process to understand where issues are and how we can identify them before they become catastrophic.

This system is unique because it is the only system of its kind. There are no other camera systems that can film a machine operating and amplify the vibrations so the naked eye can see them. The company, RDI Technologies, owns the patent for the product.

Several companies that are currently working with CAVS-E have expressed a desire for this type of facility assessment.

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

RDI Technologies. They are the only manufacturer and supplier of the product. They have no other vendors for the equipment. The technology is patented.

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

\$35,175 This is the only vendor so there are no comparable prices. This is patented technology

**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:**

Exhaustive internet search for other vendors. Used MS Industries for the Blind to search for better/other vendors. Received comment from vendor that they are the only company that sells this technology.

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:

Don Buffum, CPPO

Director of Procurement & Contracts

[dbuffum@procurement.msstate.edu](mailto:dbuffum@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.