

**Mississippi State University**  
**Notice of Proposed Sole Source Purchase**  
**245-65**

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):**

1 LiCor Smart Chamber, model number 8200-01S.

1 LiCor 20-cm Long-Term Chamber, model number 8200-104

**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:**

Our \$10m award for the USDA Climate Smart Partnerships project requires greenhouse gas (GHG) quantification, monitoring and verification from improved agricultural practices in MS and AR. This project requires both survey chambers and multiplexed chambers, each with the ability to independently monitor CO<sub>2</sub>, CH<sub>4</sub> and N<sub>2</sub>O gasses. (While the survey chambers are portable, the multiplexed systems are for continuous monitoring of GHGs.) We have already purchased and deployed this equipment in the field and have been collecting data for nearly a year. However, spare chambers are required while existing chambers are serviced so that we do not lose data during repair and maintenance.

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

These are the only chambers that fit the existing LiCor systems already deployed in the field.

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

\$21,700. With the cost of the existing system over \$500,000, an extra \$21,700 to ensure that data collection is uninterrupted is reasonable.

**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:**

Since LiCor systems (hardware, software, and power requirements) are not compatible with third-party chambers, we have not been able to find a suitable replacement. Furthermore, even if a third-party chamber were available, support for the entire \$500,000 system would be in jeopardy. LiCor cannot support a system that has been modified.

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:

Jennifer Mayfield, CPPO  
Director and CPO, Procurement & Contracts  
[jmayfield@procurement.msstate.edu](mailto:jmayfield@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.

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