

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

**256-058**

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):

Bruker Elute DAD, including flow cell 1850690

A diode array detector module for the Bruker Elute UPLC system, directly compatible with the UPLC system and Bruker Compass HyStar 6.2 Version 6.2.1.13 software.

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:

This is an upgrade module for an Elute UPLC currently housed in the Chemistry Department that currently only has a HRMS detector, so the DAD allows a different detection mode to be obtained with the current instrument to obtain additional chemical insights.

This specific item is needed as it must be compatible with the current instrument and the related instrument control and data processing software.

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

Bruker

The current UPLC system in the department is a Bruker Elute system and compatibility with the current hardware and software is critical.

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

\$11,700

This price reflects a reasonable price, as the product meets the performance needs of the Department, is compatible with current software/hardware, and fits within the instrumentation budget of the funding source.

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:

An internet search was performed with no alternatives found. Two refurbished lab equipment vendors were contacted (IET Ltd and GenTech Scientific), but neither could offer an equivalent DAD module with definitive compatibility with the current instrument and software.

Discussions with Bruker then proceeded to obtain the best possible quoted price.

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 of 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.