



Application for Determination of Sole Source Procurement

This form, *with one or more categories completed*, must accompany a purchase requisition for equipment, supplies or services exceeding \$20,000. Select the category or categories appropriate for this procurement. Attach all documentation necessary to support the application. Procurements of \$20,000 and greater shall be posted to the NM Tech Purchasing website for the mandatory thirty (30) day period per NMSA 13-1-126.1

Requesting Department:
Proposed Contractor:
Product Description:

End User's Name:
Estimated Cost:
Date:

I am requesting a sole source procurement based on the following reasons:

Compatibility of existing equipment or supplies; provide details in *Explanation*. Include manufacturer, model number and NMT PCN of existing equipment.

Item specifically required for use in conjunction with grant or contract. Attach applicable grant or contract page and provide justification of why it is required for grant / contract and why other substitutes are not acceptable.

Requirement is of a proprietary / copyright / licensing nature which is explained below.

The requested product has unique design / performance specifications or quality requirements which are essential to my work, research protocol or teaching needs, and are not available in comparable products. Please discuss this uniqueness / performance below.

NMT Staff has specialized training and / or extensive experience. Retraining would incur substantial cost in money / time as explained below.

I have contacted other suppliers or service providers identified below and have considered their product, however, their products / services are not acceptable because they are lacking one or more technical capabilities as discussed below.

The requested product is essential in maintaining / continuing experiments. Other investigators have used this product in similar research and for comparability of results, I require it.

Contractor is the sole manufacturer and sole distributor and has unique features / characteristics not available from other sources (provide explanation and attach applicable documents).

Product is a prototype; contractor offers a trade-in allowance; availability of service, parts or maintenance as discussed below.

Explanation:

By signing below, requestor certifies that the information provided is accurate to the best of their knowledge.

End User Signature (actual signature required)

Printed Name

Date

Chief Procurement Officer (signature required) For

Date

use by Purchasing:

Date application received in purchasing: 9/18/2024 NMT Web Posting date: 9/19/2024 Expiration date: 10/19/2024

Additional Sole Source Info:

The Andor Kymera 328i is a quadruple grating spectrometer manufactured and sold by Oxford Instruments. This spectrometer houses quadruple gratings required for the research to be performed as well. With 4 gratings, different gratings blazed at different wavelengths can be inserted into the grating turret to optimize light collection efficiency. High light efficiency is required for the research due to the low light emission from the source. Spectrometers from other manufacturers, such as McPherson, only have triple grating spectrometers and Ocean Optics, a single grating. The spectrometer is also equipped with dual input ports and dual output ports. This enables utilizing this spectrometer for multiple experiments, supported by different projects, at the same time without reconfiguring free space/fiber coupled optical light paths and/or overall system configuration. Multiple off the shelf components for coupling to both sources and detectors are also available such as cameras, PMTs, fibers, calibration sources, alignment source. Other brands do not offer such a wide variety of off-the-shelf components for a versatile spectrometer system. Manufacturing of such parts would require extra design and construction time as well as cost.