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: EES
Proposed Contractor: CTK Instruments
Product Description: Petrographic Microscope

End User’s Name: Ryan Leary
Estimated Cost: $53,249.24
Date: 03/29/2019

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: See attached document

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

End User Signature (actual signature required) Ryan J. Leary
Printed Name Date

Chief Procurement Officer (signature required)

For use by Purchasing: 4/15/19 NMT Web Posting date: 4/11/19 Expiration date: 5/11/19

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The Zeiss Axio Imager A2 POL has the following unique features that recommend it for sole source justification:

1. In the field of petrographic microscopy, the color accuracy of the image is crucial to the correct analysis of the mineral. Almost all microscope manufacturers perform the color correction function strictly in the objective lenses. Zeiss is unique in that in addition to color correction in the objective lens, they also perform color correction in the tube lenses thereby achieving a higher degree of color accuracy.

2. There is complete integration among the microscope frame, the digital camera and the software. This, in itself, is not unique. However, within the software, there is a very intuitive set of commands that allow for the creation of an “experiment”. This sets up a routine experiment that can then be executed by a graduate student or undergraduate lab assistant without supervision.

3. The Axio Imager provides an excellent platform for additional future requirements.

4. The available ApoTome has proven to enhance resolution from its patented structured light capability. This enhancement is not available from any other brand.

Additionally, I have contacted distributors for two other manufacturers, Leica and Olympus, and based on numerous email exchanges and phone conversations, I believe that their customer support and/or (lack of) knowledge of petrographic applications will present major hurdles in ordering and maintaining a microscope from these suppliers/manufacturers.