



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.

George B. Kassak

End User Signature (actual signature required)

Printed Name

Date

Chief Procurement Officer (signature required)

Date

For use by Purchasing:

Date application received in purchasing: 5/8/2023 NMT Web Posting date: 5/16/23 Expiration date: 6/15/23

There are two sets of 3D surface seismic available in the area. One set is from Fairfield Technologies, the other is from Schlumberger (SLB). Both datasets were reviewed to gauge the quality of acquisition and processing. SLB data was acquired in the nineties with low fold. The data quality is poor. This will introduce low uncertainty in interpretation, and might cause poor well placement. The Fairfield Geotechnologies' dataset was acquired in 2014 with higher fold, and reprocessed recently with the latest depth imaging algorithm. The events coherency is superior to the SLB dataset. This allows for a higher certainty in the interpretation and well placement.