



Sole Source Application and Determination Form

A sole source determination is not effective until the sole source application for determination has been posted on the Purchasing website for thirty (30) calendar days without protest and is subsequently approved in writing by the Vice President of Administration and Finance.

1. Name of Department: Bureau of Geology

Contact Name: Stacy Timmons

Phone: 575-835-6951

Email: Stacy.Timmons@nmt.edu

2. Name of Prospective Vendor: Noah Dewar

Contact Name: Noah Dewar

Phone: NA

Email: noahdewar@gmail.com

Estimated Cost: \$39,950

Duration (for Services or Professional Services – limited to four years): 1 year

3. Purpose/need for purchase and detailed list of items of tangible property, services, or professional services:

Dr. Noah Dewar has skills in doing New Mexico specific work on water well files, to efficiently download files (PDFs), scan for key geologic / hydrologic data, digitize these data and perform a series of steps to digitize, process, QC and format data for aquifer studies at NMBGMR.

4. Detailed explanation of criteria developed for this purchase:

The criteria for this purchase is that we require highly efficient and experienced developer (Noah Dewar) with background in hydrogeology to build workflows and automated processed to digitize over 200,000 well files in various formats.

5. Provide a detailed, sufficient explanation of the reasons, qualifications or unique capabilities of the prospective vendor that make that prospective vendor the one source for providing the items of tangible property, services, or professional services:

This vendor (Noah Dewar) has been working with NMBGMR to develop a workflow and process to digitize well files to be used in regional aquifer studies. This process was developed specifically for NM well files to locate and extract key geologic data from well files in PDF format, and then make the data interpretable and machine readable for future projects and processes. This project is required to move quickly during this fiscal year while funding is available and Noah's specialized workflow is helping to accomplish this.

6. Provide a detailed, sufficient explanation of how the items of tangible property, services, or professional services is/are unique and how this uniqueness is substantially related to the intended purpose of the department/grant:

The workflow for this project is unique to the well files and no previous vendor or researcher has been able to accomplish this workflow successfully. This project is under extremely tight timeline (1 year funding to end June 30, 2026) and we need project vendors to move as efficiently as possible. There are over 270,000 well files to work from, Noah has begun this process on approximately 40,000 well files so far. We would like to finish the process on the remaining files with the same workflow, without interruption.

7. Please provide a narrative description department's due diligence in determining a basis for the procurement. Include:
 - a. method used to research and review other available sources (i.e. list of potential vendors from Purchasing, internet, state pricing agreements, purchasing cooperatives)
 - b. list of vendors contacted, the date and method of contact (i.e. email, phone call)
 - c. documentation explaining why:
 - i. those vendors cannot provide the required items of tangible property, services, or professional services
 - ii. other similar items of tangible property, services, or professional services cannot meet the intended purpose of department/grant:

Very few other developers with hydrogeology, geophysics and machine learning skills may exist, but this vendor has previous work experience on this project with the NMBGMR team, and already a start on the project using the specialized workflow. Interruption of this project at this time and restart with new or other vendors could jeopardize the whole project due to time constraints.

I certify I have performed thorough and diligent research and analysis to determine that Noah Dewar is the only source capable of providing the required workflow for digitizing well files in systematic / hydrogeologic context. I understand that violations of the New Mexico Procurement Code (Chapter 13, Article 1 NMSA 1978) can carry severe penalties. I affirm that the information provided in this Sole Source Determination is true and accurate to the best of my knowledge and belief.

Name, Title:

Stacy Timmons, Associate Director, Hydrogeology
NM Bureau of Geology

AdobeSign/Date



10/3/25

Review: Purchasing Services: Lisa Majkowski, Director

Lisa Majkowski 10.07.2025

Website Posting Date: 10/07/2025

Posting Expiration Date: 11/06/2025

Protested (Yes/No):

Approval: Delilah A. Walsh
Vice President of Administration and Finance



07-Oct-2025

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