

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: Bentley Systems Incorporated / Seequent Software
Contact Name: Vincent Orlando, Scott Schacht
Phone: 720 490 1291
Email: vincent.orlando@bentley.com or scott.schacht@seequent.com
Estimated Cost: \$91,000
Duration (for Services or Professional Services – limited to four years): License for software, annual license fee for 4 years

3. Purpose/need for purchase and detailed list of items of tangible property, services, or professional services:
[The purpose for this purchase is to obtain 2 licensed seats for use of Bentley/ Seequent software including Leapfrog Works with Hydrogeology Extensions, and Aarhus GeoSoftware.](#)

4. Detailed explanation of criteria developed for this purchase:
[The software license is needed to continue building and improving models being developed for Aquifer Mapping projects in New Mexico. This software offered by Bentley Systems Incorporated, particularly the Seequent Software – is only sold by Bentley Systems, not available from any other resellers \(see attached\). We are working with several external contractors who are also using this software, so our NMT/ NMBGMR team also needs to have access to this software to allow our team to use results and models.](#)

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 software is only available from Bentley / Seequent. We are limited in how we can work on important modeling next steps, working with collaborators and contractors, and interpreting large datasets without this particular software. The Leapfrog modeling software is the most commonly used platform for hydrogeologic modeling, and the Aarhus Workbench is the only commercial option available for inverting electromagnetic survey data.

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:

While we have access to other similar software to do the kind of models we're aiming to build (3D hydrogeologic models), this particular software is the common platform used by most consulting firms for building models to move into flow models (Leapfrog), and also for geophysical data interpretation (particularly airborne electromagnetic surveys – in Aarhus Workbench). We are receiving data in formats that are best used / imported into Bentley / Seequent software, and without this software license, we will be extremely inefficient and slow to reprocess / reformat data into other non-compatible software options.

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)
We have reviewed other options for 3D Hydrogeology modeling and have continued to come back to Leapfrog Works for this option, primarily because so many other water programs and consultants in the state work with it. The attached document also proves that Bentley / Seequent is not available by any other reseller.
- b. list of vendors contacted, the date and method of contact (i.e. email, phone call)
There are no other vendors that offer this software.
- 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:

There are similar other software options but our consultants and collaborators are not able to use those software options, and they are developed for other subsurface resources (i.e. Petrel for oil/ gas model development). This particular software set offered by Bentley / Seequent is the only one which is used by water / hydrogeology focused research projects.

I certify I have performed thorough and diligent research and analysis to determine that Bentley Systems / Seequent is the only source capable of providing the required License for software including Leapfrog Works and Aarhus Workbench. 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 NMBGMR

AdobeSign/Date
3/25/26



Review: Purchasing Services (Name, Title): Associate Director of Purchasing

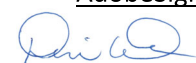
AdobeSign/Date
Meradeth Montoya 4.13.26

Website Posting Date: 04/13/2026

Posting Expiration Date: 05/14/2026

Protested (Yes/No):

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

AdobeSign/Date
 13-Apr-2026

Version: July 2025