



### **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: PRRC  
Contact Name: William Ampomah  
Phone: 5758355018  
Email: william.ampomah@nmt.edu
2. Name of Prospective Vendor: Tom Bratton LLC  
Contact Name: Tom R. Bratton  
Phone: (303) 808-3486  
Email: Tom@TomBrattonLLC.com  
Estimated Cost: \$80,000  
Duration (for Services or Professional Services – limited to four years): 09/1/2025 – 09/30/2026
3. Purpose/need for purchase and detailed list of items of tangible property, services, or professional services:

Tom Bratton LLC will provide the geomechanical and petromechanical information/data interpretation service to the project. The service items include: petrophysical analysis, mechanical stratigraphy, rock strength properties, vertical stress, pore pressure, stress orientation, stress magnitude and other supplemental information.

4. Detailed explanation of criteria developed for this purchase:

The requested purchase will source the detailed and accurate geological information on the rock mechanical properties and overall integrate all the available dataset to the reservoir modeling.

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:

Tom Bratton has worked in Schlumberger as the principle geophysicist for over 30 years and he is an experts on the geomechanical and petromechanical data integration, including the well logging and testing data interpretation and modeling. He has worked with NMT team for over 10 years on multiple DOE grants, and he is very familiar with the research topics within the Four Corners region.

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:

Tom Bratton will service as a petrophysical consultant and deliver his unique skills on the well data interpretation and integrated modeling based on his over 40 years working experience. He will supervise the NMT team to keep the relevant capacity on those research topics.

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:

Tom Bratton LLC is recommended by the PI institution and has the strong work relation with NMT. Also DOE already scrutinized the vendor.

I certify I have performed thorough and diligent research and analysis to determine that Tom Bratton LLC is the only source capable of providing the required Advanced Petrophysics and Geomechanics scope of the project. 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: William Ampomah, Associate Professor *William Ampomah* 9/16/2025

Review: Purchasing Services: Lisa Majkowski, Director of Purchasing *Lisa Majkowski* 09.17.2025

Website Posting Date: 09/18/2025

Posting Expiration Date: 10/18/2025

Protested (Yes/No):

Approval: Delilah A. Walsh



17-Sep-2025

Vice President of Administration and Finance







# Tom Bratton Sole Source

Final Audit Report

2025-09-17

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