**CNM Grant Procurement Memo**

Applies to:

Funding source (choose one):

State Federal

* Federal purchases $10,000 and above or,
* State purchases $20,000 and above
* Purchases less than $60,000

**Grant/Project Title:** Dept of Education-Quantum Learning Lab

**Project Director/PI:** Brian Rashap

**Grant number within Workday:** GR300429

**Description of goods or services:** Short description of what is needed

Optical Tweezer Experimental Setup for Quantum Learning Lab

**Benefit to grant and CNM:** Describe how/why this purchase will meet objectives of project.

Teach students the basics of optical trapping

**Estimated dollar amount:** $11,682.69

**Rationale for method of procurement:** Describe how quotes were gathered

Most systems in use are assembled by piece parts and are research grade, only a few complete systems available. Direct quote from ThorLabs. Email discussion with Burker to get an approximate cost. Specific cost would require detailed specification of needs.

**Contractor selection or rejection:**  Name each vendor and indicate whether selected or rejected. This will document and justify the decision for procurement.

* VENDOR #1
  + ThorLabs Education Kit: ACCEPTED
  + Amount of Quote: $11,682.89
  + Justification: Lowest Quote
* VENDOR #2
  + ThorLabs Modular Kit: REJECTED
  + Amount of Quote: $32,622.71
  + Justification: Move expensive
* VENDOR #3
  + MOTION Plus: REJECTED
  + Amount of Quote: Approximately $250,000.
  + Justification: More expensive

**VENDOR #1:**

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**VENDOR # 2**

**A document with text and images

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AI-generated content may be incorrect.**

**VENDOR #3**

**A screenshot of a cell phone

AI-generated content may be incorrect.**

**From: Ziegler, Stephen (Steve) <**[**Stephen.Ziegler@bruker.com**](mailto:Stephen.Ziegler@bruker.com)**>  
Sent: Friday, May 2, 2025 9:06 AM  
To: RASHAP, BRIAN <**[**brashap@cnm.edu**](mailto:brashap@cnm.edu)**>  
Subject: RE: Burker NanoTracker 2 quotation request**

**Hi Brian,**

**The systems cover a very large range of pricing, typically starting around $250k, but that is simply a typical starting range which could be higher or lower depending on the needs.  The configurations are specific to applications that need to be performed, so please let me know when you would like to have a conversation about your applications and intended experiments.  Thank you for your interest.**

**Best Regards,**

**Steve**

**+1 (737) 262-5004**