**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

Laser for MOT system

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

Required to perform laser cooling and give students the full quantum experience.

**Estimated dollar amount:** $35,029.80

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

Direct Quotes from Vendors

**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
  + ThorLabs: ACCEPTED
  + Amount of Quote: $35,029.80
  + Justification: Stability consistent with classroom needs. US manufacture.
* VENDOR #2: QuTools
  + QuTools: REJECTED
  + Amount of Quote: $32,488
  + Justification: Stability in multi-user environment may not enable it to meet performance needs. Non US
* VENDOR #3: Toptica
  + Newport / MKS: REJECTED
  + Amount of Quote: $36,426.
  + Justification: More expensive. Less stable when used by multiple users, non US

**VENDOR #1: Vescent**

**A close-up of a document

AI-generated content may be incorrect.**

**VENDOR # 2: MOGlabs**

**A screenshot of a document

AI-generated content may be incorrect.**

**VENDOR #3: Toptica**

**A close-up of a document

AI-generated content may be incorrect.** **A document with text on it

AI-generated content may be incorrect.**

**A document with text on it

AI-generated content may be incorrect.**