**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

Quantum Key Distribution (QKD) experimental setup

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

The below items allow the construction of a 9 student QKD training system for the bootcamp. This will allow us to expand the capacity of the Quantum Bootcamp from 3 to 12 students teaching polarization, half/quarter wave plates, and BB84 protocol

**Estimated dollar amount:** $11,326.16

**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: $11,326.16
  + Justification: Lowest Quote. Matches current setup and allows for expansion.
* VENDOR #2: QuTools
  + QuTools: REJECTED
  + Amount of Quote: $60,000 + Tariffs
  + Justification: More expensive, non-US made.
* VENDOR #3: SFifteen Instruments
  + Newport / MKS: REJECTED
  + Amount of Quote: $19,050
  + Justification: More expensive, Singapore-company, Chinese made product.

**VENDOR #1: ThorLabs**

A paper with text and numbers

AI-generated content may be incorrect.

**VENDOR # 2 - quTools**

**A document with text and numbers

AI-generated content may be incorrect.**

**VENDOR #3: Sfifteen Instruments**

A paper with text on it

AI-generated content may be incorrect.