**Federal Grant Procurement Memo**

Applies to purchases $10,000 and above

**Grant/Project Title:** Name of project

**Project Director/PI:** Phil Lister

**Grant Fund Cost Account:** FD0002-CC300010-GR300350-7050-SC077-EX010D

**Description of Goods or Services:** Helium Leak detector for training vacuum system troubleshooting as part of the Quantum Technician Bootcamp.

**Benefit to grant and CNM:** Technicians will be trained on an ultra-high vacuum system including the skills required to assemble, maintain, operate, and troubleshoot the system. Leak detection is the core skill required by students working in the quantum, semiconductor, solar cell, and defense industries.

**Estimated dollar amount:** $24,591.70

**Rationale for method of procurement:** Online search for systems meeting the technical requirements for the system. Vendors 2 and 3 had pricing listed online. A quote was requested from Vendor 1 both for price and to fully validate technical requirements.

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

* VENDOR #1: Edwards
  + Selected or Rejected: Selected
  + Amount of Quote: $24,591.70 (quote attached in separate PDF file)
  + Justification: The Edwards system met all the technical requirements, includes a cart to hold the helium bottle, and is the lowest cost.
* VENDOR #2: HighVac Depot / Leybold
  + Selected or Rejected: Rejected
  + Amount of Quote: $27,984.50 (pasted on page 2)
  + Justification: While the system meets the technical requirements, it is less portable (it will be used on multiple vacuum systems in the Quantum Learning Lab), and higher priced.
* VENDOR #3: Kurt Lesker
  + Selected or Rejected: Rejected
  + Amount of Quote: $25,444.00
  + Justification: The Insight D system meets the technical requirements (the Insight N and W do not meet the contamination requirements). It is less portable than the Edwards system and slightly more expensive.

**VENDOR # 2**

**A screenshot of a website

Description automatically generated**

**VENDOR # 3**

**A screenshot of a computer

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**A screenshot of a computer

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