CNM Grant Procurement Memo

Applies to:

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

Funding source (choose one):

~~State~~ **Federal X**

Grant/Project Title: Dept of Ed Quantum Learning Lab

Project Director/PI: Brian Rashap

Grant number within Workday: GR300429

Description of goods or services: Modulated Laser

Benefit to grant and CNM: This Laser will allow the development of class lessons that demonstrate the wave nature of light, introduce modulation, and teach the use of oscilloscopes.

Estimated dollar amount: $3,472.30

Rationale for method of procurement: Describe how quotes were gathered

Direct quotes from three suppliers lasers

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
  - Selected or Rejected: **SELECTED**
  - Amount of Quote: $3,472.30
  - Justification: The ThorLabs table meets all f the technical needs and is a US-based company. The dampening needs are met at a lower price than Vendor 2.

- VENDOR #2: Edmunds
  - Selected or Rejected: Rejected
  - Amount of Quote: $6,860
  - Justification: Not Cost Competitive

- VENDOR #3: Hubner Photonics
  - Selected or Rejected: Rejected
  - Amount of Quote: $3,460
  - Justification: Non-US made laser.

Vendor1: Thorlabs

THORLABS Inc.
43 Sparta Avenue • Newton, NJ 07860 • USA

Quotation TQ0583103

Bill to

Central New Mexico Community College
Accounts Payable
P.O. Box 4586
Albuquerque, NM 87196
United States

Date	2/21/2025
Expiration Date	4/22/2025
Number	TQ0583103-1
Your Reference	QUOTE/RASHAP
Sales Contact	Tracy Yetter
Mode of Delivery	FedEx Ground
Terms of Delivery	Free Carrier
Payment Terms	Net 30 days
Invoice Account	287440

Ship to

Central New Mexico Comm. College
Suite 3100
101 Broadway NE
Albuquerque, NM 87102
United States
Attention: Brian Rashap
Phone: 5058506352
Email: brashap@cnm.edu

	Item# / Description	Quantity	Unit Price	Disc.%	Disc. Price	Amount	Availability
1	**S4FC520** S4FC520 Single Mode Fiber Laser Source Unit Net Weight: 2.31kg Commodity code: 9013.20.0000 Country of Origin: USA REACH: SVHC > 0.1% Diboron Trioxide REACH: SVHC > 0.1% Lead RoHS: Exempt - Annex III - 6(a) RoHS: Exempt - Annex III - 6(c) RoHS: Exempt - Annex III - 7(a) RoHS: Exempt - Annex III - 7(c)-I	1.00	3,832.24	10.00	3,449.02	3,449.02	Available
2	**POWER CORD USA** POWER CORD USA - Value for Customs Purposes Only $1 or €1 POWER CORD USA Unit Net Weight: 0.20kg Commodity code: 8544.42.9010 Country of Origin: GBR RoHS: EU 2015/863 REACH: NoSVHC_247	1.00	0.00	0.00	0.00	0.00	Available

Phone: 973-300-3000 • Fax: 973-300-3600 • Email: sales@thorlabs.com

THORLABS Inc.
43 Sparta Avenue • Newton, NJ 07860 • USA

Subtotal	3,449.02	
Shipping & Handling	23.28	
Sales Tax	0.00	
Grand Total	**3,472.30**	**USD**

Vendor2: Edmunds

Edmund optics | worldwide

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All Products / Lasers / Laser Sources / Metrology Lasers / 632.8nm Frequency Stabilized Laser Diodes

« See all 2 Products in Family

632.8nm Free Space Frequency Stabilized Laser Diode

Stock #33-045 ✓ In Stock

- 1 + $6,860.00

ADD TO CART

632.8nm Frequency Stabilized Laser Diodes (Free Space and Fiber-Coupled options shown)

Qty 1-5	Qty 6+	Volume Pricing
$6,860.00	$6,170.00	Request Quote

+ Add to Saved List Compare

Product Downloads

Spec Sheets:pdf EO Spec Sheet

Download All

Specifications | Product Details | Frequently Purchased Together

SPECIFICATIONS

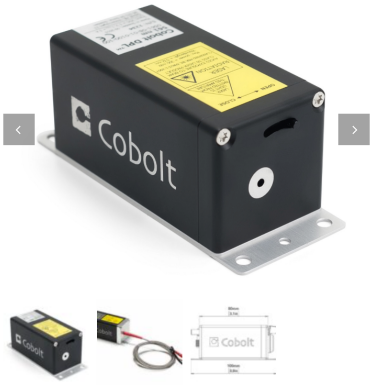
General

Warm-Up Time (minutes):	2.00	Aspect Ratio:	1.5 - 2 (Output Beam)
Type of Laser:	Diode	Laser Class - CDRH:	IIIb

VENDOR #3: Hubner Photonics

HÜBNER Photonics

Home Products Wavelength Guide Applications



Cobolt 06-01 Series

Plug & play modulated CW lasers

Cobolt 06-01 Series offers lasers over a large wavelength range in a compact plug and play format. The Series consists of high performance fixed wavelength diode laser modules (MLD) and diode-pumped lasers (DPL). High speed direct modulation capability and true off during modulation makes them ideal for applications in bioimaging and quantum technologies.

Request a quote

Book a meeting

- 375 nm – 1064 nm, up to 400 mW
- Up to 100 MHz modulation
- Fully harmonized electrical interface and industry standard 12 V power supply input
- Integrated clean-up filter on all diode wavelengths
- Versatile and precise intensity modulation in digital or analog mode with true OFF-state (>70 dB), linear optical response and stable illumination across varying duty cycles
- Fiber pigtailed configuration available

HÜBNER Photonics

Home Products Wavelength Guide Applications

		300 mW	150 mW	
Cobolt 06-MLD	488 nm	60 mW 100 mW 150 mW 200 mW 300 mW NEW!	30 mW 100 mW	$ 4,920
Cobolt 06-MLD	505 nm	80 mW	40 mW	$ 7,460
Cobolt 06-MLD	515 nm	80 mW 150 mW	40 mW 75 mW	$ 5,290
Cobolt 06-MLD	520 nm	80 mW	40 mW	$ 3,460
Cobolt 06-DPL	532 nm	25 mW 50 mW 100 mW 200 mW 300 mW 400 mW	25 mW 50 mW 100 mW 200 mW	$ 5,940
Cobolt 06-DPL	553 nm	25 mW 50 mW	25 mW	$ 6,380
Cobolt 06-DPL	561 nm	25 mW 50 mW 100 mW	25 mW 50 mW 100 mW	$ 6,380