

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

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 Burkner 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: More expensive
- VENDOR #3
 - MOTION Plus: REJECTED
 - Amount of Quote: Approximately \$250,000.
 - Justification: More expensive

VENDOR #1:

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

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

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Quotation TQ0593823

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

Date: 5/9/2025
Expiration Date: 6/1/2025
Number: TQ0593823-2
Your Reference: Rashap/quote
Sales Contact: Kayla Niemasz
Mode of Delivery: FedEx Ground
Terms of Delivery: Free Carrier
Payment Terms: Net 30 days
Invoice Account: 287440

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

Subtotal	11,595.39
Shipping & Handling	67.50
Sales Tax	0.00
Grand Total	11,662.89 USD

Please note that any changes may affect your pricing. All prices are subject to increase or to the imposition of a surcharge to cover all or a portion of the cost of new tariffs or other charges imposed by the government after the date hereof.

Acceptance of purchase order is conditional on Thorlabs' Terms and Conditions (www.thorlabs.com) which shall control and supersede any other terms and conditions. US, UK, and EU Export Laws and Regulations may apply to the sale, destination and end use of these items and any related technical data. Any diversion contrary to US and European export control regulations is strictly prohibited: www.bis.doc.gov. Additional compliance information can be found under the supporting documents for each item appearing on our website. Title passes to the buyer at the point of shipment from Thorlabs facility.

Item# / Description	Quantity	Unit Price	Disc.%	Disc. Price	Amount	Availability
1 EDU-OT3 Portable Optical Tweezers Educational Kit, imperial Unit Net Weight: 15.1945kg Commodity code: 9023.00.0000 Country of Origin: DEU REACH: SVHC > 0.1% Lead RoHS: Exempt - Annex III - 6(a) RoHS: Exempt - Annex III - 6(c) RoHS: Exempt - Annex III - 7(c)-I RoHS: Exempt - Annex III - 34	1.00	12,198.37	10.00	10,978.53	10,978.53	Available
2 OTKBTK Optical Trapping Kit Basic Test Kit Unit Net Weight: 0.4114kg Commodity code: 9033.00.9000 Country of Origin: USA REACH: SVHC Free RoHS: Compliant	2.00	184.44	10.00	166.00	332.00	Available
3 MAX3SLH Sample Holder Unit Net Weight: 0.1464kg Commodity code: 9011.90.0000 Country of Origin: USA REACH: NoSVHC_209 REACH: SVHC Free RoHS: Compliant	2.00	158.26	10.00	142.43	284.86	Available

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

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

VENDOR # 2

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

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

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Quotation TQ0593831

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

Date: 5/2/2025
Expiration Date: 6/1/2025
Number: TQ0593831-1
Your Reference: Rashap/quote
Sales Contact: Kayla Niemasz
Mode of Delivery: FedEx Ground
Terms of Delivery: Free Carrier
Payment Terms: Net 30 days
Invoice Account: 287440

Ship to
Central New Mexico Community College
Suite 3100
101 Broadway NE
Albuquerque, NM 87102
United States
Attention: Brian Rashap
Phone: 5059506352
Email: brashap@cnm.edu

Item# / Description	Quantity	Unit Price	Disc.%	Disc. Price	Amount	Availability
1 OTKB Optical Trapping Kit - Essentials Unit Net Weight: 24.3275kg Commodity code: 9013.90.8000 Country of Origin: USA REACH: SVHC > 0.1% Lead RoHS: Exempt - Annex III - 6(a) RoHS: Exempt - Annex III - 6(c) REACH: SVHC > 0.1% 4-β-Di-tert-butyl-m-cresol	1.00	23,835.59	0.00	23,835.59	23,835.59	Available
2 OTKBFM Back Focal Plane Detection Module Unit Net Weight: 1.9205kg Commodity code: 9013.80.9100 Country of Origin: USA REACH: SVHC > 0.1% Lead RoHS: Exempt - Annex III - 6(c)	1.00	3,981.47	3.00	3,862.03	3,862.03	Available
3 OTKB-FL OTKB Fluorescence Module without light source Unit Net Weight: 1.8909kg Country of Origin: USA	1.00	2,112.24	3.00	2,048.87	2,048.87	Available
4 H100X-PFO 100X Nikon Plan Fluor Oil immersion objective Unit Net Weight: 0.2982kg Commodity code: 9002.19.0000 Country of Origin: JPN RoHS: Compliant REACH: NoSVHC_247	1.00	3,277.39	0.00	3,277.39	3,277.39	Available

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

Item# / Description	Quantity	Unit Price	Disc.%	Disc. Price	Amount	Availability
5 MAX3SLH Sample Holder Unit Net Weight: 0.1464kg Commodity code: 9011.90.0000 Country of Origin: USA REACH: NoSVHC_209 REACH: SVHC Free RoHS: Compliant	1.00	158.26	3.00	153.51	153.51	Available
6 OTKBTk Optical Trapping Kit Basic Test Kit Unit Net Weight: 0.4114kg Commodity code: 9033.00.9000 Country of Origin: USA REACH: SVHC Free RoHS: Compliant	2.00	184.44	3.00	178.91	357.82	Available

Subtotal 33,535.21
Shipping & Handling 87.50
Sales Tax 0.00
Grand Total 33,622.71 USD

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VENDOR #3



PRODU



NanoTracker 2

Modular force-sensing optical tweezers and optical trapping platform for applications ranging from single molecules to living cells

→ [READ MORE](#)

From: Ziegler, Stephen (Steve) <Stephen.Ziegler@bruker.com>

Sent: Friday, May 2, 2025 9:06 AM

To: RASHAP, BRIAN <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