

The School District City of Erie, PA

January 2026

BID ON – FiberLaserPro 4848 Package

The Board of Directors
of the School District
of the City of Erie, PA

Gentlemen:

We, the undersigned, propose to furnish and install the following **BID** FiberLaserPro 4848 Package

:

DOLLARS (\$)

Bids shall be sealed and endorsed on the envelope, or on the subject line on electronic submissions, “Universal Robotic Arm for Pre-Engineering Projects/ Associated Accessories and Training ” and delivered to School District of the City of Erie, Administration Building, 1910 Sassafras Street, Erie, PA 16502 Board Secretary Office, ATTN: BIDS, by January 29th, 2026 by 11:00 am. Bids shall be delivered in either person, via USPS, a contract carrier such as UPS, FedEx, etc., or via electronic submission to bids@erieds.org. Late bids will be rejected. Bids will be opened utilizing an online format on January 29th, 2026 at 11:30 am. Award of bid may be made at the regular meeting of the Board on February 11th, 2026 at 6:00 pm.

The School District will conduct the bid opening utilizing an online format at the date and time identified above. The School District will provide interested proposers with a link to participate in the bid opening. If an interested proposer requires reasonable accommodations to participate in an online format bid opening due to a disability, if the interested proposer wishes to participate in the meeting but does not have internet access, or if a member of the public wishes to view the opening electronically, contact Neal Brokman, Assistant Superintendent, at nbrokman@erieds.org.

The Board of School Directors will consider accepting the bid of the lowest responsible bidder meeting specifications, kind, quality and material being equal, but shall have the right to reject any and all bids and to waive defects in form. The Board is not obligated to accept the lowest or any other bid.

Respectfully submitted:

The School District City of Erie, PA

Dr. Natalyn Gibbs
Superintendent of Schools

1910 Sassafras Street, Erie PA 16502

GENERAL CONDITIONS

Bids shall be submitted on the Bidding Blank attached hereto, and should be submitted through the means identified on the Bidding Blank.

No bid received can be withdrawn prior to the close of the regular meeting of the Board of School Directors next succeeding the opening of the bids. Bidder agrees that the School District of the City of Erie shall have up to one-hundred twenty (120) days to accept or reject the bid and bidder agrees that the bid quote shall remain open for that period. The Board of School Directors may reject any bid, or portion of any bid, for any reason or no reason.

Award of bid will be contingent upon receipt of Federal Perkins funding. If no such funding is received by the School District of the City of Erie, the District shall cancel the award without penalty to the district.

The special attention of the bidders is directed to the fact that no claims for relief on account of mistakes or omissions in the bidding will be considered and the contractors will be held strictly to their bids, or, alternatively, and at the sole discretion of the Board of School Directors, their deposit may be forfeited. In addition to other remedies available to the School District, the deposit shall be forfeited if the successful bidder fails to execute an agreement or perform as required.

Standard of Quality: The specific mention of a manufacturer's name shall be understood to indicate a standard of quality or design, and not as limiting competition thereon or excluding other goods equal in every respect to the materials or goods specified in the opinion of the Controller or his designee. If you do not bid on our specifications as listed, please fill in manufacturer's name and model number of items you intend to furnish as an equal alternate. The Career and Technical Educational Director, or his designee, shall determine, in his sole discretion, whether the alternate item is an approved equal.

Bidders are to submit prices on both the rate and the total. Bidders please indicate length of time prices will remain firm. If a "Rate" is given on an item, a "Total" must be given on the item. Awards may be made item by item and bidders hereby agree to furnish the items awarded to them. All supplies furnished upon the contract not up to specifications will be rejected.

All charges for transportation, freight, express and parcel post are to be paid by the successful bidder. It is understood that the bidder agrees to deliver any items on which bids are accepted.

Completion of contract shall not exceed sixty days after award is made. The successful bidder will be required to execute a contract with the School District if identified as the apparent low bidder. A fully executed contract must be received by the School District prior to final award by the Board of School Directors. The form of the contract is enclosed with this bid packet.

All items to be delivered to the Erie High School. If you have any questions, please contact Jason Burgert, Career and Technical Education Director at 814-874-6225 or jbburgert@eried.org.

SPECIFICATIONS

The following specifications are approved by the Board of Directors for purchase or approved equal as approved by the Career and Technical Education Director.

COMPLETE TURNKEY FIBERLASER PACKAGE

Comparable to FiberLaserPro4848 48"X48"X9"

Welded steel tubing frame construction

Must be a fully assembled machine

Fully enclosed with access doors on front and back with laser safety windows

User configurable slat Downdraft table system with multistage filtered exhaust system

2000 Watt Fiber laser power Source with water chiller for 2KW Coolant included

Raycus (swiss) laser Head

Laser height controller with capacitive sensor

Computer / consumable parts storage cart

NSK Profiled hardened and ground Linear rails (substitutions not permissible)

NSK Recirculating linear bearings with grease fittings (substitutions not permissible)

Workstation grade control PC Included

Lightweight yet rigid aluminum bridge design for the X Axis

Precision Rack-N-Pinion drive system with dual drives on the Y axis

Simple low maintenance design

Fast cutting and rapid speeds

Magnetic Power switch

Emergency stop button

Lighted power-on indicator

Dual Y Rack-N-Pinion motion control

Ball screw driven Z Axis with 4 Linear bearings

Closed loop AC Servo Control system

3 – 1KW AC Servo motors

Continuous Contouring

Large nearly unlimited program File size capacity

Built-in Program editor

Win 11 Pro Compatible

Off line programming mode

Software controlled safety stops

Able to resume where it left off if cut is interrupted or paused

Control software must be able to calibrate height function with various materials

Cutting edge advanced control system that connects to the computer via the ethernet port, not an outdated system requiring an older computer, USB port, or an internal card.

Must run on industry standard G-codes

Must have a control system made in the USA with English and Imperial inch coordinates

Comprehensive On-Screen Controls

Fast, Slow, & Single Step Jogging

Single line or Continuous run modes

8 Optically Isolated Inputs

8 Optically Isolated Outputs

On-Screen Simulation

On-Screen Simulation while Cutting

Homing Sequence with limit switches on each axis

On Screen Safety Reminders

Choose Commands via Mouse, Keyboard, & Shortcut keys

Manual Data Input mode

PLC Input Status Indicator

Made in USA

Advanced Automatic Digital LASER Height control system able to determine correct height without physically touching off the part

Requires 2080V 80A 1 Phase

Requires 10SCFM @ 125PSI filtered dry filtered compressed air for Laser head

School responsible for final utility connections to machine

Depending on materials will use compressed air, O2, N2 (gases supplied by customer)

Wireless MPG Jog pendant

5 stage desiccant dryer system with additional desiccant

Consumable kit includes:

5 BT240S Laser head ceramic ring

50 BT240S Laser head protective lens

2 BT240S Focusing lens

2 BT240S Collimating lens

2 BT240S Sealing ring

10 BT240S nozzle single 1.2

10 BT240S nozzle single 1.5

10 BT240S nozzle single 2.0

10 BT240S nozzle single 3.0

10 BT240S nozzle single 4.0

5 BT240S nozzle Double 5.0

5 BT240S nozzle Double 1.2

5 BT240S nozzle Double 3.0

5 BT240S nozzle Double 4.0

Grease kit with Gease Gun, NSK bearing tip nozzle, and 2 tubes of Shell Gadius SV100 2 RL2 grease

Classroom License of CAD/CAM 40 fully operational seats

Lifetime Curriculum and training videos included. No annual subscription required.

36 Month single source on-site Parts & Labor Warranty No cost for additional training or on-site service for 3 years. All non consumable parts covered by a single warranty.

On-site training

Inside delivery

Additional on-site training twice a year for the first 3 years combined with preventative maintenance visit. Additional complimentary visits upon request

Toll Free Tech Support must be available 7 days a week

Free Internet based training & Support

NAME OF VENDOR _____

ADDRESS _____

CONTACT PERSON _____

TELEPHONE NUMBER _____

First, the undersigned having carefully examined the **Bid for FiberLaserPro 4848 Package** in accordance with the specifications of the proposal, submits this proposal and agrees to furnish and perform the specified **FiberLaserPro 4848 Package** for the School District of the City of Erie for the amounts indicated on page 1 of the Bid.

Second, the undersigned agrees to enter into a written contract to furnish such materials and services as required in the proposal specifications.

Third, the following quotation prices are listed as firm for a period of _____ after the due date of this request for bid.

NOTE: The School District of the City of Erie will not be liable and will not pay for any applicable costs not included and detailed in the Bid.

Signature _____

Date _____

Title or Office _____

INSTRUCTIONS FOR NON-COLLUSION AFFIDAVIT

1. This Non-Collusion Affidavit is material to any contract awarded pursuant to this RFP. According to the Pennsylvania Antibid-Rigging Act. 73 P.S. 1611 et seq. governmental agencies may require Non-Collusion Affidavits to be submitted together with bids or RFP's.
2. This Non-Collusion Affidavit must be executed by the member, officer or employee of the Vendor who makes the final decision on prices and amounts quoted in the RFP.
3. Bid/RFP rigging and other efforts to restrain competition, and the making of false sworn statements in connection with the submission of bids or RFP's are unlawful and may be subject to criminal prosecution. The person who signs the affidavit should examine it carefully before signing and assure himself/herself that each statement is true and accurate, making diligent inquiry, as necessary, of all other persons employed by or associated with the Vendor with responsibilities for the preparation, approval, or submissions of the RFP.
4. In case of a RFP submitted by a joint venture, each party to the venture must be identified in the RFP/Bid documents, and an affidavit must be submitted separately on behalf of each party.
5. The term "complementary RFP" as used in the Affidavit has the meaning commonly associated with that term in the bidding/RFP process, and includes the knowing submission of RFP's higher than the RFP of another Vendor, any intentionally high or noncompetitive RFP, and any other form of RFP submitted for the purpose of giving a false appearance of competition.
6. Failure to file an Affidavit in compliance with these instructions will result in disqualification of the RFP.

NON-COLLUSION AFFIDAVIT

BID ON – FiberLaserPro 4848 Package

State of _____

County of _____

I state that I am _____ of _____
(Title) (Name of Vendor)

and that I am authorized to make this affidavit on behalf of my company, and its owners, directors, and officers, I am the person responsible in my company for the price(s) and the amount of this Request for Proposal (RFP).

I state that:

- (1) The price(s) and amount of this RFP have been arrived at independently and without consultation, communication, or agreement with any other Vendor.
- (2) Neither the price(s) nor the amount of this RFP, and neither the approximate price(s) nor the approximate amount of this RFP, have been disclosed to any other Vendor, and they will not be disclosed before the RFP submission to The School District of the City of Erie.
- (3) No attempt has been made or will be made to induce any Vendor or person to refrain from submitting an RFP to The School District of the City of Erie, or to submit an RFP higher than this RFP, or to submit any intentionally high or noncompetitive RFP or other form of complementary RFP.
- (4) The RFP of my company is made in good faith and not pursuant to any agreement or discussion with or inducement from, any Vendor or person to submit a complementary or other noncompetitive RFP.
- (5) _____, its affiliates, subsidiaries, officers, directors and employees
(Name of my Company)
are not currently under investigation by any governmental agency and have not in the last four years been convicted or found liable for any act prohibited by State or Federal law in any jurisdiction, involving conspiracy or collusion with respect to submitting an RFP to any public entity, except as follows:

I state that _____ understand and acknowledges that the above
(Name of my Company)
representations are material and important, and will be relied on by The School District of the City of Erie when recommending for award the agreement for which this RFP is submitted, I understand and my company understands that any misstatement in this affidavit is and shall be treated as fraudulent concealment from the School District of the City of Erie of the true facts relating to the submission of RFP's for this agreement.

Signature of Authorized Person

(Print Name of Authorized Person and Company Position)

Sworn to and subscribed before

Me this _____ day of

_____, 20____

(Notary Public)

(My Commission Expires)