



PROPOSED AGENDA ITEM

MEETING DATE: March 22, 2007

SUBJECT: CNC Machining bid – purchase award

INITIATED BY: Paul Fritz, Business Manager

DESCRIPTION:

Bid proposals were received March 9, 2007 for the purchase of CNC mills and CNC lathes for the upgrade to the Tool & Die program.

This purchase is funded in part by a PDE Career and Technical Education equipment grant in the amount of \$78,000. The balance of \$84,698 will be funded from RCTC budgetary reserve, as planned.

Bids were received from Perseo-Erie, Hardinge, Haas, and Star-Lite. A bid cost comparison is presented on the chart on the next page.

Rob Suprynowicz, Tool & Die instructor, reviewed the proposals and equipment specifications.

It is recommended that the proposal from Perseo-Erie be accepted.

(Please note that Perseo-Erie did not present a bid bond or bid deposit check at the time of the bid opening as required in the bid specifications. However a bid deposit check was received later that day).

RECOMMENDATION:

Motion to approve the bid proposal from Perseo-Erie for two (2) CNC Mills with optional Cat 40 tool package, and two (2) CNC lathes with optional programmable tailstock for a total price of \$162,698.00 as proposed and as specified.

CNC Machinery Bid Results				
March 9, 2007				
	Perseo-Erie	Hardinge	Haas	Star-Lite
CNC Mills - 2	\$ 80,784.00	\$ 102,000.00	\$ 81,593.00	\$ 77,330.00
Options:				
Cat 40 Tool Package	\$ 1,690.00	included	\$ 4,873.00	\$ 3,380.00
Second year warranty	\$ 5,800.00	no charge	\$ -	\$ 5,000.00
1-year maintenance	\$ 500.00	no charge	\$ 1,900.00	\$ 5,000.00
Delivery-extra cost				\$ 5,000.00
CNC Lathes - 2	\$ 80,224.00	\$ 100,000.00	\$ 80,669.88	\$ 110,000.00
Options:				
Programmable tailstock	Included	included	\$ 7,131.50	\$ 6,600.00
Second year warranty	\$ 5,800.00	no charge	\$ -	\$ 5,000.00
1-year maintenance	\$ 500.00	no charge	\$ 1,900.00	\$ 5,000.00
Delivery-extra cost				\$ 5,000.00
Total cost	\$ 162,698.00	\$ 202,000.00	\$ 174,267.38	\$ 207,310.00

3. PRICING BID FORM

Perseo Erie, Inc.

CNC Mills	Bid price	Bid price	Bid price
	Quantity - 1	Quantity - 2	Quantity - 3
	(cost-one unit)	(total cost of 2 units)	(total cost 3 units)
Base Bid price *	\$ 40,392.	\$ 80,784.	\$121,176.
Options:			
1.- Cat 40 tool package <i>43 pcs (easet)</i>	\$ 845.	\$ 1,690.	\$ 2,535.
2- Second year warranty	\$ 2,900.	\$ 5,800.	\$ 8,700.
3. 1-year maintenance	\$ 250.	\$ 500.	\$ 750.

CNC Lathes	Bid price	Bid price	Bid price
	Quantity - 1	Quantity - 2	Quantity - 3
	(cost-one unit)	(total cost of 2 units)	(total cost 3 units)
Base Bid price	\$ 40,112.	\$ 80,224.	\$120,336.
Options:			
1.- Programmable tailstock	\$ Included	\$ Included	\$ Included
2- Second year warranty	\$ 2,900.	\$ 5,800.	\$ 8,700.
3. 1-year maintenance	\$ 250.	\$ 500.	\$ 750.

Total Base Bid			\$241,512.00
			(3 mills + 3 lathes)

Note: Actual quantity of each item purchased will depend on bid pricing and the available budgeted funds approved by the Operating Committee.

* 2 Seats of Winmax desktop plus offline conversational programming system included.

Hurdinger

3. PRICING BID FORM

CNC Mills	Bid price	Bid price	Bid price
	Quantity - 1	Quantity - 2	Quantity - 3
	(cost-one unit)	(total cost of 2 units)	(total cost 3 units)
Base Bid price	\$ 53,025.00	\$ 102,000.00	\$ 150,000.00
Options:	24 TOOLS	24 TOOLS	24 TOOLS
1.- Cat 40 tool package	\$ included	\$ included	\$ included
2- Second year warranty	\$ No Charge	\$ No Charge	\$ No Charge
3. 1-year maintenance	\$ No Charge	\$ No Charge	\$ No Charge

CNC Lathes	Bid price	Bid price	Bid price
	Quantity - 1	Quantity - 2	Quantity - 3
	(cost-one unit)	(total cost of 2 units)	(total cost 3 units)
Base Bid price	\$ 51,467.00	\$ 100,000.00	\$ 150,000.00
Options:			
1.- Programmable tailstock	\$ included	\$ included	\$ included
2- Second year warranty	\$ No Charge	\$ no Charge	\$ No Charge
3. 1-year maintenance	\$ No Charge	\$ No Charge	\$ No Charge

Total Base Bid	102,000.00	202,000.00	\$ 300,000.00
			(3 mills + 3 lathes)

Note: Actual quantity of each item purchased will depend on bid pricing and the available budgeted funds approved by the Operating Committee.

1. from

3. PRICING BID FORM

CNC Mills	Bid price	Bid price	Bid price
	Quantity - 1	Quantity - 2	Quantity - 3
	(cost-one unit)	(total cost of 2 units)	(total cost 3 units)
Base Bid price	\$ 40,796.50	\$ 81,593.00	\$ 122,389.50
Options:	<i>= 3 packages at a 26% discount</i>		
<i>20 Price?</i>			
1.- Cat 40 tool package	\$ 4,873.00	\$ 4,873.00	\$ 4,873.00
2- Second year warranty	\$ 0.00	\$ 0.00	\$ 0.00
3. 1-year maintenance	\$ 950.00	\$ 1,900.00	\$ 2,850.00

CNC Lathes	Bid price	Bid price	Bid price
	Quantity - 1	Quantity - 2	Quantity - 3
	(cost-one unit)	(total cost of 2 units)	(total cost 3 units)
Base Bid price	\$ 40,330.94	\$ 80,669.88	\$ 121,000.82
Options:			
1.- Programmable tailstock	\$ 3,565.75	\$ 7,131.50	\$ 10,697.50
2- Second year warranty	\$ 0.00	\$ 0.00	\$ 0.00
3. 1-year maintenance	\$ 950.00	\$ 1,900.00	\$ 2,850.00

+ Tailstock

Total Base Bid			\$ 243,390.32
			(3 mills + 3 lathes)

Note: Actual quantity of each item purchased will depend on bid pricing and the available budgeted funds approved by the Operating Committee.

3. PRICING BID FORM

CNC Mills	Bid price	Bid price	Bid price
<i>SHARP</i>	Quantity - 1	Quantity - 2	Quantity - 3
<i>SV2412S</i>	(cost-one unit)	(total cost of 2 units)	(total cost 3 units)
Base Bid price	\$ 40,700.00	\$ 77,330.00	\$ 115,995.00
Options: <i>SMT-24</i>	6,200.00	12,400.00	18,600.00
<i>24 Pull Studs</i>	500.00	1,000.00	1,500.00
1.- Cat 40 tool package	\$ 1,690.00	\$ 3,380.00	\$ 5,070.00
2- Second year warranty	\$ 2,500.00	\$ 5,000.00	\$ 7,500.00
3. 1-year maintenance	\$ 2,500.00	\$ 5,000.00	\$ 7,500.00
<i>Del. + Set-up</i>	<i>\$ 2,500.00</i>	<i>5,000.00</i>	<i>7,500.00</i>
	<i>\$ 56,500.00</i>	<i>\$ 109,110.00</i>	<i>\$ 163,665.00</i>

CNC Lathes	Bid price	Bid price	Bid price
<i>SHARP</i>	Quantity - 1	Quantity - 2	Quantity - 3
<i>ST-10</i>	(cost-one unit)	(total cost of 2 units)	(total cost 3 units)
Base Bid price	\$ 57,900.00	\$ 110,000.00	\$ 165,000.00
Options:			
1.- Programmable tailstock	\$ 3,300.00	\$ 6,600.00	\$ 9,900.00
2- Second year warranty	\$ 2,500.00	\$ 5,000.00	\$ 7,500.00
3. 1-year maintenance	\$ 2,500.00	\$ 5,000.00	\$ 7,500.00
<i>Del. + Set-up</i>	<i>2,500.00</i>	<i>5,000.00</i>	<i>7,500.00</i>
	<i>\$ 68,700.00</i>	<i>\$ 131,600.00</i>	<i>\$ 197,400.00</i>

Total Base Bid	\$ 125,200.00	\$ 240,710.00	\$ 361,065.00
			(3 mills + 3 lathes)

Note: Actual quantity of each item purchased will depend on bid pricing and the available budgeted funds approved by the Operating Committee.



8500 Oliver Road, Erie, PA 16509-4699

814-864-0641

www.ects.org

An equal rights and opportunities school

February 16, 2007

To all bidders:

The Operating Committee of Erie County Technical School is seeking bids for:

CNC Machining Equipment

Bid proposals must be received no later than 12:00 Noon, March 9, 2007. The bid proposals will be publicly opened at that time.

Bids are scheduled to be awarded at the March 22, 2007 Operating Committee Meeting.

1. GENERAL SPECIFICATIONS

- A. All bids must be submitted in a sealed envelope labeled '**Erie County Technical School-CNC Bid**' and delivered to Paul Fritz, Business Manager, Erie County Technical School, 8500 Oliver Road, Erie, PA 16509-4699.
- B. The Erie County Technical School reserves the right to reject any or all bids and to waive any formalities in conjunction with the bid, retains the right to evaluate bid items as they are intended for use, to select the equipment, supplies, or services which represents the best value regardless of price. Any interpretation of equivalency shall be determined finally by the Operating Committee of the Erie County Technical School.
- C. No purchase contract shall exist between the bidder/seller and Erie County Technical School until the properly executed purchase orders, including all pertinent terms, conditions, specifications, drawings and/or other attachments are issued to the bidder/seller by Erie County Technical School.
- D. The successful bidder will be awarded the contract upon approval of the Operating Committee of Erie County Technical School.
- E. Bidders shall not take advantage of any errors, inconsistencies or omissions in the specifications. Bidders will be obliged to promptly notify Erie County Technical School of the same prior to the time set for the bid opening.

- F. All bids must be typed or handwritten in permanent ink on this document as the Bid Form and must be properly signed with original signatures. Changes or alterations in the bid specifications or conditions of such automatically disqualify the bid.
- G. No bidder may withdraw a bid for a period of **60 days** after the date set for the awarding thereof, nor may a bidder set a sooner expiration date on a bid other than stipulated herein.
- H. All items on this bid must be New, which shall mean first-time usage. All items on this bid shall be of current manufacture, which shall mean the most recent line of the times being made available to the bidder by the manufacturer, including the most recent release of any software under which the equipment operates.
- I. **Bids shall include the complete fabrication, finishing, delivery and installation ready for use all in accordance with these specifications.** Any part or accessory not specifically mentioned herein, which is normally part of the equipment or necessary to complete installation of same, shall be included in the bid price.
- a. Erie County Technical School will be responsible to supply electric power, as required at the installation location of each piece of equipment.
- J. Standard of Quality: The various materials and products specified in the specifications by name or description is given to establish a standard of quality and of cost for bid purposes. It is not the intent to limit the acceptance to any one material or product specified, but rather to name or describe it as the absolute minimum standard that is desired and acceptable. A material or product of lesser quality would not be acceptable. Where proprietary names are used, whether or not followed by the words “or as approved equal”, they shall be subject to equals only as approved by our architect and/or engineer, or other responsible party.
- K. No cash allowance: No cash allowances for any purposes are included in the specifications of this project.
- L. The bidder shall have the responsibility for loss or damage in shipment, delivery and installation of all equipment, parts and goods until time of transfer or acceptance by Erie County Technical School.
- M. The bidder shall exercise reasonable care to avoid any damage to the owner’s property and shall be responsible for any repair of any such damage.
- N. **Bidder warrants that each piece of equipment and software shall be free from defects in material and workmanship for a minimum period of twelve (12) months from the date of acceptance and is fit for the purpose intended. Bidder further warrants that it will, at bidder’s expense, fix, repair or replace the equipment or any part thereof through the warranty term. Warranty shall include on-site service. Warranty information and description must be included with the bid submission.**
- O. **Payment: Supplier will be paid 100% of the contract price upon acceptable receipt of all items as determined by the school ECTS Business Manager.**

- P. Acts 34 and 151: The contactor, sub contractors, and material suppliers, and employees of same, who may be coming in direct contact with children shall be required to comply with the provisions of Act 34 of 1985 and Act 151, both pertaining to criminal and child abuse history. Proper certification of compliance shall be placed on file in the office of the Business Manager prior to any employee working on the premises of the school.
- Q. Suppliers should be aware that donations of equipment to Erie County Technical School can be made through our Erie County Technical School Foundation which is a charitable organization under section 501(c) (3) of the Internal Revenue Code. Donations may also qualify for tax credits under Pennsylvania tax laws. Erie County Technical School encourages contributions and donations to our educational programs.**
- R. **Bid bond-a bid bond or bank cashier's check in the amount of 10% of the total bid price is required with the bid.** Bid bonds and checks will be returned to the unsuccessful bidders upon award of a purchase order by the Operating Committee.

2. PRODUCT DESCRIPTION-

CNC Mills - (quantity of 3)

Base Specifications:

1. CAT 40 Taper spindle
2. Minimum axis travels of 20" X , 14" Y, 14" Z travel
3. C-Frame body fully enclosed cell with interlocking safety devices
4. Minimum of 10 horsepower spindle motor with RPM range of >5,000 and <12,000
5. Automatic side-arm tool changer with a minimum capacity of 10 stations
6. 208 volt, 3-phase operation
7. Accuracy for positioning and repeatability to a maximum .0002"
8. Full CNC control machine mounted HMI with minimum program resolution to .0001"
9. Machine control capable of:
 - a. ISO (G&M Code) programming
 - b. Conversational programming
 - c. Cam software compatible capability
 - d. Canned cycles
 - e. Input/Output file transfer capable
10. Rigid Tapping capability
11. Programmable flood coolant
12. Electronic and bound paper versions of documentation to include:
 - a. Operator's Manual
 - b. Maintenance/Service Manual
 - c. Parts List
13. Set-up and installation provided by vendor
14. One-year Warranty
15. 40 hours of operator training, on-site, over a 12-month period from date of installation (8-hour minimum initial commitment)
16. Unlimited telephone support for one year

Optional Specifications:

1. Second year Warranty
2. One year Preventive Maintenance Contract
3. CAT 40 tooling package consisting of 40-50 pieces with a holding range of 1/4 to 1" diameter shanks with wrenches, quoted as purchasing one set and three sets

CNC Lathes – (quantity of 3)

Base Specifications:

1. Minimum 6” power chuck with minimum travels of 12” X and maximum travel of 20” Z
2. Turret with a minimum of 12 stations (including 6 round holders and 6 square holders) holding a minimum 3/4” square and 1 1/4” round shank tools
3. Machine fully enclosed with interlocking safety devices
4. 208 volt, 3-phase operation
5. Minimum 10 horsepower spindle motor with a minimum RPM of 4,000 and maximum of 7,000
6. Machine control capable of:
 - a. ISO (G&M Code) programming
 - b. Conversational programming
 - c. Cam software compatible capability
 - d. Canned cycles
 - e. Input/Output file transfer capable
7. Accuracy for positioning and repeatability to a maximum of .0002”
8. Full CNC control machine mounted HMI with minimum program resolution to .0001”
9. Electronic and bound paper versions of documentation to include:
 - a. Operator’s Manual
 - b. Maintenance/Service Manual
 - c. Parts List
10. Set-up and installation provided by vendor
11. One-year warranty
12. 40 hours of operator training, on-site, over a 12-month period from date of installation (8-hour minimum initial commitment)
13. Unlimited telephone support for one year

Optional Specifications:

1. Programmable tailstock
2. Second year Warranty
3. One year Preventive Maintenance Contract

**Complete descriptions of all items being proposed must accompany the bid.
Warranty information must accompany the bid.**

Questions regarding general specifications may be directed to:
Mr. Paul Fritz, Business Manager
814-864-0641, Ext. 344, or email: pfritz@ects.org

Questions regarding equipment details may be directed to:
Tool and Die Program: Rob Suprynowicz Instructor, 814-864-0641, or e-mail:
rsuprynowicz@ects.org

3. PRICING BID FORM

CNC Mills	Bid price	Bid price	Bid price
	Quantity - 1	Quantity - 2	Quantity - 3
	(cost-one unit)	(total cost of 2 units)	(total cost 3 units)
Base Bid price	\$	\$	\$
Options:			
1.- Cat 40 tool package	\$	\$	\$
2- Second year warranty	\$	\$	\$
3. 1-year maintenance	\$	\$	\$

CNC Lathes	Bid price	Bid price	Bid price
	Quantity - 1	Quantity - 2	Quantity - 3
	(cost-one unit)	(total cost of 2 units)	(total cost 3 units)
Base Bid price	\$	\$	\$
Options:			
1.- Programmable tailstock	\$	\$	\$
2- Second year warranty	\$	\$	\$
3. 1-year maintenance	\$	\$	\$

Total Base Bid			\$
			(3 mills + 3 lathes)

Note: Actual quantity of each item purchased will depend on bid pricing and the available budgeted funds approved by the Operating Committee.

4. SIGNATURE

Having carefully reviewed the Bid Specifications supplied by Erie County Technical School and being completely familiar with all requirements and conditions set forth, the undersigned agrees to supply all materials and services required for the project. The undersigned further acknowledges the right of Erie County Technical School to reject any and all bids and to waive any defect in form. The undersigned further certifies that this bid was prepared independently and without collusion with any known bidders in compliance with the Pennsylvania Anti-Bid-Rigging Act.

Firm Name _____

Address _____

City, State, Zip Code _____

Phone _____

By _____

Title _____

Signature _____ Date _____



February 12, 2006

Erie Times News
205 West 12th Street
Erie, PA 16512

FAX: 870-1632

Please advertise the following Legal Notice on:

Friday, February 16, 2007
Friday, February 23, 2007, and
Friday March 2, 2007

The Erie County Technical School Operating Committee is seeking bids for CNC machining equipment for the Tool & Die training program. Bids must be received no later than 12:00 p.m. on March 9, 2007. Complete bid specifications may be obtained from Paul Fritz, Board Secretary, Erie County Technical School, 8500 Oliver Road, Erie, PA 16509, telephone 864-0641, ext 344, or Email: pfritz@ects.org. Bid specs are also available at our webpage at: www.ects.org.

Please send a copy of the invoice to Paul Fritz, Business Manager.

Sincerely,

Paul D. Fritz
Business Manager
Board Secretary
Erie County Technical School
814-864-0641, ext 344
pfritz@ects.org