

ERIE COUNTY TECHNICAL SCHOOL

PROPOSED AGENDA ITEM

DATE: June 23, 2005

SUBJECT: Bid award-Refrigeration Training system

CATEGORY: Operations: X Policy: Information: Personnel:

INITIATED BY: Paul D. Fritz, Business Manager

DESCRIPTION:

Bid proposals were solicited for a refrigeration training system for use in the Facilities Engineering lab, Mr. Tracy Massello-Instructor. This equipment is being funded by a PDE vocational equipment grant, 50% and Capital Reserve Fund – 50%.

Proposals were received from Advanced Technologies Consultants, Inc, Northview, MI.

RECOMMENDATION:

Motion to award a purchase contract for a refrigeration training system to Advanced Technologies Consultants, Inc, Northview, MI. in the amount of \$24,501.00, as specified in the bid proposal.

3. PRICING BID FORM

- | | |
|-------------------------------------|--------------------|
| a) Refrigeration Training System | <u>\$ 20290.00</u> |
| b) Refrigerant Recovery Unit | <u>\$ 1911.00</u> |
| c) Refrigeration Charging Equipment | <u>\$ 2300.00</u> |

Total bid price	<u>\$ 24,501.00</u>
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Attach a complete description of any additional costs not included above.

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 Advanced Technologies Consultants, Inc.

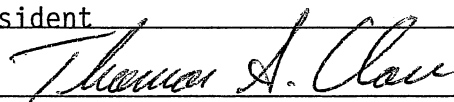
Address 110 West Main Street

City, State, Zip Code Northville, MI 48167

Phone 800-348-8447

By Thomas S. Close

Title President

Signature  Date 6-8-2005

Erie County Technical School
8500 Oliver Road, Erie, PA 16509-4699
814-864-0641
www.ects.org
An equal rights and opportunities school

May 24, 2005

To all bidders:

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

Bids must be received no later than 12:00 Noon, June 15, 2005.

Bids are scheduled to be awarded at the June 23, 2005 Operating Committee Meeting.

1. GENERAL SPECIFICATIONS

- A. All bids must be submitted in a sealed envelope labeled 'Erie County Technical School-Equipment 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.
- 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 contractor, 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.

2. PRODUCT DESCRIPTION-

All proposed products must be equal to, or better than: Lab Volt Systems

Lab Volt Systems products are used for descriptions of the desired equipment. Equipment from other manufacturers/vendors will be considered.

Refrigeration Training System (Lab-Volt # 3401)

The refrigeration System Trainer provides students with intermediate-level instruction in refrigeration systems through the use of Industrial devices. Equipped with a ½ -hp semi-hermetic compressor, the unit also contains a forced-air condenser and twin forced-air evaporators that can be used individually or linked in a series. An interconnected schematic panel enables students to work individually or in pairs to perform simultaneous measurements at the main board or at a panel. Instrumentation includes a digital temperature meter; ampere, volt, and watt meters; pressure gauges; and system function lights.

Specifications include:

Must include fully integrated courseware

Must provide intermediate level instruction using industrial quality devices

½ hp semi-hermetic compressor

Twin forced air evaporators able to be used individually or linked in series

Interconnected schematic panels

Digital temperature meter, ammeter, volt-meter and watt-meter

Pressure gauges

Refrigerant Recovery Unit (Lab-Volt # 3445)

The Refrigerant Recovery Unit is part of the Lab-Volt Refrigeration and Air Conditioning Accessories. The Refrigerant Recovery System is designed to enable students to perform refrigerant recovery of a refrigeration system. The recovered refrigerant is stored in an external container. The refrigerant can then be sent to a service center to be recycled. The refrigerant can be recovered in vapor or liquid form.

Refrigeration Charging Equipment (Lab-Volt # 3440)

The Refrigeration Charging Equipment is part of the Lab-Volt Refrigeration and Air Conditioning Accessories. The Refrigeration Charging Equipment is designed to enable students to evacuate and charge refrigeration training systems.

**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:

Facility Engineering Program : Mr. Tracy Massello, Instructor, 814-864-0641, ext. 315,

or e-mail: tmassello@ects.org

3. PRICING BID FORM

- a) Refrigeration Training System \$ _____
- b) Refrigerant Recovery Unit \$ _____
- c) Refrigeration Charging Equipment \$ _____

Total bid price	\$
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Attach a complete description of any additional costs not included above.

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 _____



May 24, 2005

Times Publishing Company
205 West 12th Street
Erie, PA 16512

FAX: 870-1632

Please advertise the following Legal Notice on:

Friday, May 27, 2005

Friday, June 3, 2005

Friday, June 10, 2005

The Erie County Technical School Operating Committee is seeking bids for a Refrigeration Training System. Bids must be received no later than 12:00 p.m. on June 15, 2005. 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.



Please send a copy of the paid invoice to Paul Fritz, Business Manager and pay with VISA: 4715 1500 0258 2972 (05/07 expiry).

Sincerely,

A handwritten signature in black ink, appearing to read 'Paul D. Fritz'.

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