



**BID #23-017**

**Plasma Cutter**

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BIDDERS ARE REQUESTED TO RETAIN THESE INSTRUCTIONS, CONDITIONS, AND SPECIFICATIONS FOR FUTURE REFERENCE. ONCE AWARDED THIS IS YOUR CONTRACT DOCUMENT.

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Bid Opening Date: **June 7, 2023**

Bid Opening Time: **10:30 a.m.**

Bid must be delivered to: Elmore County Board of Education  
Attn: BID #23-017  
100 H. H Robison Drive  
Wetumpka, AL 36093

**Late bids will not be opened.**

**Delivering bids to other locations within the Elmore County School system for forwarding to the Central Office is not acceptable.**

**Check online for modifications to bid. Notices will be posted, not mailed. It is your responsibility to check this site daily until the deadline for changes 48 hours prior to bid opening. <https://www.elmoreco.com/RFP>**

**I. GENERAL INFORMATION**

- A. All bidders must use our form for submitting their bid.
- B. All bids must be sealed and marked in the lower left-hand corner “**Plasma Cutter**” with bid number **23-017**, opening time and date. Late bids will not be opened.
- C. The Elmore County Board of Education is tax exempt under State and Federal law. Bids will not include State Sales Tax, Federal Excise Taxes, or any other fee.
- D. Records showing successful bidder(s) and prices quoted will be placed on file and may be examined upon request. If the contract is awarded to someone other than lowest bidder, a note of explanation will appear in the bid file.
- E. Although the System is seeking bids on specific products, the use of trade names should be interpreted as establishing a standard of quality and shall not be construed as limiting competition.

**II. DISQUALIFICATION OF BIDS**

Bids may be disqualified before the awarding of the contract for any of the following:

- A. Failure to mark envelope as required.
- B. Failure to sign or notarize the bid document.
- C. Failure to include requested information or other details of the bid.



- D. Excessive errors.
- E. Failure to provide required Bonds.
- F. Failure to provide E-Verify documents.
- G. Failure to have an original signature on the bid form, a faxed copy is not acceptable.

### III. SPECIAL TERMS AND CONDITIONS

**PURPOSE:** The purpose of this bid is to contract with qualified firm(s) or individual(s) for the purchase of a Plasma Cutter that is in accordance with bid requirements and specifications provided by the Elmore County Schools for the Elmore County Technical Center.

- A. **EVALUATION SCHEDULE:** The bids will be initially evaluated for conforming to the requirements of the Bid.
- B. **TERMS OF AWARD(S):** It is the intent of the school district to issue an award for the products indicated in the bid specifications. Awards will not be made based on price alone.
- C. Any deviations from the general terms and conditions or exceptions taken shall be described fully and appended to the bid form on the vendor's letterhead over the signature of the person signing the bid form. Such appendages shall be considered part of the vendor's formal bid. For the absence of any statements of deviation or exception, the bid shall be accepted as in strict compliance with all terms and conditions.
- D. If a vendor receives a bid award, an order is placed and vendor is unable to meet the delivery requirements, meet service requirements, or material that meets the District's needs as outlined in the Request for Bids, or is unable to hold bid price, or fails to provide product or service within a reasonable period of time, AND/OR fails to provide product complying with bid specifications, as determined by the District, the District reserves the right to go to the next responsible bidder that meets bid specifications. If the bid item delivered does not meet specifications or is received in an unsatisfactory condition and is in a damaged or unusable condition, or if service is unsatisfactory, vendor must pick up item immediately, and replace to each district's satisfaction at no additional charge, or issue full credit, for service a return visit must be rescheduled within 24 hours. Rejected items must be removed from the district's premises by the vendor upon verbal notification.
- E. **PRICE CLAUSES:** Prices shall be firm for the initial term of the contract. Prices as stated must be complete for the services offered and shall include all associated costs. DO NOT include sales tax on any item in the bid. Your firm will indicate the cost of each product or service.
- F. **EVALUATION:** Award(s) will be made to the responsive and responsible bidder(s) whose bid(s) is (are) determined in writing to be most advantageous to the Elmore County Schools.

*Evaluation criteria is listed below in the relative order of importance:*

- Qualifications of the Bidder, financial and otherwise, to provide the District with these services required in the required period of time, provide appropriate staffing to meet deadline, provide necessary resources and show a history of demonstrated competence.
- Assessment of the Bidder's abilities to meet and satisfy the needs of the District,



taking into consideration additional services, or expertise offered, that exceed the requirements, or the bidder's inability to meet some of the requirements of the specifications.

- Cost – While cost is a significant factor in considering the placement of the awards, it is not the only factor. The award will not be based on price alone, nor will it be based solely upon the lowest fees submitted.
- Past performance of work with Elmore County Schools and other school districts within the state of Alabama.
- Information obtained by the District from Bidder's references or other clients.
- Responsiveness of the bid in clearly stating and understanding the scope of work, and in meeting the requirements of the bid.
- Emily Johnson is the local point of contact for any questions on this bid. She can be reached at 334-567-1218.

#### IV. PROPRIETARY/ CONFIDENTIAL INFORMATION

Each bidder is to indicate in his or her bid if anything is proprietary or confidential in nature.

#### V. INFORMATION ABOUT OUR DISTRICT

The Elmore County School District consists of 15 schools, PreK-12 and 3 alternative program sites. Enrollment is currently 11,250 students with moderate growth predicted for the next several years.

#### VI. REQUIRED MINIMUM PROJECT SPECIFICATIONS

In this bid we are looking for proposals for a Plasma Cutter or its equivalent. All equipment will be of professional grade and be acceptable to the Academic community. The equipment will be a reputable, nationally recognized brand. All equipment specified will be new equipment. Used equipment is not acceptable. Local repair and service is mandatory. This bid is also asking for lifetime technical support, warranty information, installation and on-site training costs, and specific shipping instructions. This bid is requesting pricing on the following items:

##### FEATURES: 4FT X 8FT

Effective Cutting Width – 4ft 1 inch

Effective Cutting Length – 8ft 1 inch

Overall Machine Footprint Width – 67 inches

Overall Machine Footprint Length – 115 inches

Linear Precision guide rails

Rack and pinion dual-side drive

Stepper Motors (\*) See below

Ball screw Z-Axis



SPECIFICATIONS:

Positioning Accuracy - +/- .007

Repeatability - +/- .002

Max. Traverse Speed - up to 800 ipm

Max. Tools - 1 Plasma

Max. Plasma Amperage allowable - 125 amp

Distance from top of slats to underside of Gantry- 5 inches

TWO YEAR WARRANTY with LIFETIME TECHNICAL TELEPHONE SUPPORT

WATER TABLE - 4 INCH

FEATURES:

1. 4" deep Water table
2. Center drain with plug
3. 1/8"x3" Removal Steel Slats
4. Unitized into machine body

CONTROLLER DESKTOP with LSCS OPERATING SOFTWARE (or equivalent)

MUST INCLUDE:

Desktop Computer

Intel I3 Duo Core Processor

4 Gigabytes DDR4 SDRAM Memory

1 - 500 Gigabyte Hard Drive

4 - USB 3.1 Gen 1 (2 front/2 rear)

2 - USB 2.0 (2 rear)

1 - RJ-45 Ethernet port

1 - HDMI

1 - Display Port 1.2

1 - Adaptor for HDMI to VGA (6")

Windows 10 Professional / 64 Bit

LED Computer Monitor

USB Keyboard/Optical Mouse

All fully interfaced and tested with Customer's Machine



### SYSTEM FEATURES:

Direct import of DXF, BMP, JPG, and JPGL files through Lazy-CAM

Visual G-Code Display

Fully customizable interface

Generates M-Codes and Macros using VBSCRIPT

Plasma Torch on/off button and THC on/off button

Error Message Display

Real-time Cut Display

Customer is provided with all original Software Licensing

### V-CARVEPRO - CAD SOFTWARE (or equivalent)

#### FEATURES:

Intuitive full CAD Software (or equivalent)

Vector Shape Creation

Image tracing (Vectorization)

Advanced Text Tools

Import 2D Data (DXF, DWG, EPS, EI) etc

Basic Dimensioning

Vector Transform and Editing

Vector Layout

True Shape Nesting

Layer Management

Rulers, Snap Grid and Guidelines

2-D Profiling with Interactive Tabs, bridges, lead-in and lead-out

Ramp Option

Wrapped 4th axis available when applicable.

Disc Copy & Licensing Provided Commercial use single seat.

No annual subscription needed; updates can be purchased as they become available.

Standard Text & Number Library

TruType/Open Type Font Compatible



**FEATURES:**

- Program pierce and cut height
- Kerf width
- Oxy-fuel Pre-heat and Pierce delay time
- Optional Ramp Piercing
- Array Nesting
- Cut Path Generator
- Software License Provided no annual subscription.

**SIGN TORCH - OLD SCHOOLS DXF LIBRARY (or its equivalent)**

SignTorch Old School Originals includes 14,500 Pre-Drawn Vector Art Designs, all at your fingertips.

16gb Key-Ring USB Stick + Lanyard and Case

Includes every SignTorch old school products including 2 new unpublished collections.

**FEATURES:**

5 Vector Formats AI, CMX, EPS, SVG and DXF Clip Art for CNC CAD CAM. Allows intricate cutting of parts in multiple materials including CNC Plasma, Router, Laser, Waterjet, as well as engraving/scribe marking

**PLASMA STATION & TORCH HEIGHT CONTROL**

**TORCH HEIGHT CONTROL**

Maintains proper distance between torch and material avoiding torch/consumable damage if plate bows due to heat.

**INCLUDES:**

- Arc Voltage Height Control
- Digital read out screen
- Tip Height up/down
- Torch on light, Arc OK light, Ready light



### MAGNETIC BREAKAWAY MOUNT

The torch will disconnect from the lifter and machine will stop in the event of a collision.

Further reducing the chances of damage to the torch head.

### FLOATING HEAD SWITCH

This function allows for THC backup should the ohmic sensor fail.

### LASER ALIGNMENT

This feature allows the operator to visually see where the cutting head is located in relation to the pierce point

### GREASE GUN CONSISTS OF

1 grease gun with nozzle

LINEAR PRECISION RAILS require a metric grease gun attachment

### OPERATOR WORKSTATION PEDESTAL - BASIC

14 Gauge Steel Construction

Epoxy Coated

Ergonomic Keyboard Placement

43" tall

17" wide

3 Shelves

### HYPERTHERM POWERMAX 45XP - 25FT (or its equivalent)

The Powermax45® XP (or its equivalent) must deliver increased cut capacity – up to 16 mm (5/8”) metal – as well as faster cut speeds, and automatic gas adjustment for quick, simple setup and operation.

### MILD STEEL:

10GA - 45 amps – 181 IPM

1/4 inch - 45 amps - 71 IPM



3/8 inch - 45 amps - 38 IPM

1/2 inch - 45 amps - 24 IPM

5/8 inch - 45 amps - 16 IPM

**STAINLESS STEEL:**

10GA - 45 amps - 134 IPM

1/4 inch - 45 amps - 59 IPM

3/8 inch - 45 amps - 29 IPM

1/2 inch - 45 amps - 19 IPM

5/8 inch - 45 amps - 13 IPM

**ALUMINUM:**

1/8 inch - 45 amps - 263 IPM

1/4 inch - 45 amps - 104 IPM

3/8 inch - 45 amps - 42 IPM

1/2 inch - 45 amps - 26 IPM

5/8 inch - 45 amps - 14 IPM

**GAS SUPPLY:**

CUTTING: Clean, dry, oil-free air, Nitrogen, F-5

GOUGING: Clean, dry, oil-free air, Nitrogen, F-5

MARKING: Clean, dry, oil-free air, Argon

**POWERMAX 45XP KIT (or its equivalent)**

2 each Swirl Ring 45/65/85

6 each Electrode 45 A- 105 A

2 each Nozzle 45 A

2 each Nozzle 65 A

2 each Nozzle 45 A Fine Cut

2 each Nozzle 65/85 Gouging





- 1 each Retaining Cap 45/65/85 A
- 1 each Retaining Cap 45/65/85 A Mech
- 1 each Shield 45/65/85 A Mechanized
- 1 each Shield 45 A Gouging
- 1 each Deflector 45/65/85 A Mech, unshielded

#### LIFETIME TECHNICAL SUPPORT

Free Telephone technical Support is provided - Monday through Friday from 8:00am to 5:00pm Central Standard Time. (Holidays not included).

Support extends to the original purchaser and for the life of the Machine and its original components.

#### CUSTOMER SITE INSTALLATION/TRAINING - 2 DAYS

Machine installation and employee training to operate cutting machine and all related factory installed components.

Familiarization with maintenance and preventative maintenance procedures.

Installation: Technician will place and install all cutting machine components, and necessary gas/air connections.

Final electrical connections are the responsibility of the customer and his/her electrician.

The customer must supply proper rigging equipment for machine placement, and additional personnel if necessary.

Training on the following topics: Controller operation, embedded operating software, Plasma torch breakdown and re-assembly, proper consumable replacement, cutting operation start to finish, preventative maintenance procedure, etc.

#### SHIPPING MUST INCLUDE:

Heavy Duty Heat-shrink wrapping

Oversize permits if applicable

We are requesting a bid that is inclusionary of the cutter, online and on-site support, delivery and installation, and training. \* **Please detail what support and training is included in your bid.**



## VII. OVERVIEW OF SERVICE EXPECTATIONS

### **Successful Bidder must be able to:**

1. Be able to provide responsible bid response that meets bid requirements.
2. Provide products and installation prior to September 2023.
3. Provide employees that are E-verified and will submit to district background tests to be allowed on campuses.

## VIII. ALABAMA IMMIGRATION LAW

- A. The Beason-Hammon Alabama Taxpayer and Citizen Protection Act includes several sections that affect the financial operations of Alabama School boards.
- B. Effective April 1, 2012, every business entity or employer doing business in Alabama is required to enroll in E-Verify\* and follow the related federal law and regulations for verifying the employment eligibility of newly hired employees using the E-Verify program. {See Section 31-13-15(b)}

*\*If you are an out-of-state employer with NO EMPLOYEES located in the State, then registration in E-Verify is not required, but a statement to such is required.*

- C. Two other sections of the law require business entities and employers with one or more employees working in Alabama to utilize the E-Verify program for newly hired employees as a condition of a contract, grant, or incentive awarded by a public entity on or after January 1, 2012 through the competitive bidding process. {See Section 31-13-9(a) & (b) and Section 31-13-25(b)}.
- D. Alabama laws (see Title 31, Chapter 13 of the Code of Alabama 1975) require that, as a condition for the award of a contract\* by a school board to a business entity or employer with one or more employees working in Alabama; the business entity or employer must provide documentation of enrollment in the E-Verify program. During the performance of the contract, the business entity or employer shall participate in the E-Verify program and shall verify every employee that is required to be verified according to the applicable federal rules and regulations. The contractor's E-Verify Memorandum of understanding must be included with the bid. If you do not believe these requirements are applicable to your entity, include an explanation justifying such exemption. An entity can obtain the E-Verify Memorandum of understanding upon completion in the E-Verify enrollment process located at the federal web site [www.uscis.gov/everify](http://www.uscis.gov/everify). The Alabama Department of Homeland Security (<http://immigration.alabama.gov>) has also established an E-Verify employer agent account for any business entity or employer with 25 or fewer employees that will provide a participating business entity or employer with the required documentation of enrollment in the

E-Verify program. An Employer Identification Number (EIN), also known as a Federal Tax Identification Number, is required to enroll in E-Verify or to establish an E-Verify employer agent account.

*\*Act 2012-491 defines the term contract as, "...a contract awarded by the state, any political subdivision thereof, or any state-funded entity that was competitively bid..."*



- E. If you have not previously supplied evidence of compliance with the Alabama Immigration Law to the Elmore County Schools, you will need to submit evidence with your bid response through the completion of Exhibit A and any necessary attachments.

### **Submission**

Be sure you have read this bid carefully. Be sure to provide all additional information requested.

Failure to include information in your package may result in your proposal being rejected.

If you have any questions regarding any requirement, including the Alabama Immigration Law requirement, you must contact us for clarification. If you notice errors in the bid, you must contact us 72 hours prior to bid opening so that corrections can be posted for all bidders.

Exhibits A & B **must** be included in your bid package.

### **Use the Following Method of Delivery**

#### Address

ELMORE COUNTY BOARD OF EDUCATION  
ATTN: BID #23-017” - “ECTC Plasma Cutter”  
100 H. H. Robison Drive  
Wetumpka, AL 36092

**Note: Late bids will not be opened and will be disqualified.  
Please put Bid Number 23-017 on outside of mailing envelope.**



**EXHIBIT A**  
**ALABAMA IMMIGRATION LAW COMPLIANCE NOTIFICATION**

All Vendors wishing to submit bids must be able to provide The Elmore County School System with evidence of their compliance with the Alabama Immigration Law as described in Section XII of this bid.

Please respond to the following and submit this form with your bid.

**Failure to properly execute this exhibit must be considered grounds for rejecting this bid.**

I have read and understand the expectations for materials which will demonstrate compliance with the Alabama Immigration Law.  
\_\_\_\_\_

I understand that any award is contingent upon receipt of all materials necessary that demonstrate compliance.  
\_\_\_\_\_

This company has no operations or employees within the state of Alabama, therefore the Alabama Immigration Law requirements do not apply. However, should this company be awarded this contract, and should this company later employ individuals in the state of Alabama, this company will comply with and submit all necessary documentation for compliance with this law.  
\_\_\_\_\_

Or

This company has already submitted all necessary documents to The Elmore County School System Accounting Department which verify compliance with the Alabama Immigration Law.  
\_\_\_\_\_

Or

This company meets the requirements for compliance with the Alabama Immigration Law and has included the necessary materials within this bid response.  
\_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Telephone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

Name (Print or type): \_\_\_\_\_

Title: \_\_\_\_\_

Signature: \_\_\_\_\_



## **EXHIBIT B**

### **COMPANY BACKGROUND, BILLING POLICY, WARRANTY OR GUARANTEE, AND REFERENCES**

**As is outlined in Section V of the Bid Specifications, please address the following questions.**

- 1. The length of time your company has been doing business under its current name.**
  
- 2. The length of time your company has been doing business in the State of Alabama.**
  
- 3. The length of time your company has been conducting business with school systems.**
  
- 4. In the space below, please indicate your company's warranty or guarantee as it relates to the services under this bid.**
  
- 5. In the space below, please indicate your company's billing policy.**



**EXHIBIT B (Continued)**

**COMPANY BACKGROUND, BILLING POLICY, WARRANTY OR GUARANTEE, AND REFERENCES**

**6. Please provide up to three (3) current Alabama references that we may contact. All fields must be complete.**

1. **Company:** \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Contact Person: \_\_\_\_\_ Phone #: \_\_\_\_\_

Email: \_\_\_\_\_ Date service began: \_\_\_\_\_

2. **Company:** \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Contact Person: \_\_\_\_\_ Phone #: \_\_\_\_\_

Email: \_\_\_\_\_ Date service began: \_\_\_\_\_

3. **Company:** \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Contact Person: \_\_\_\_\_ Phone #: \_\_\_\_\_

Email: \_\_\_\_\_ Date service began: \_\_\_\_\_

4. **Company:** \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Contact Person: \_\_\_\_\_ Phone #: \_\_\_\_\_

Email: \_\_\_\_\_ Date service began: \_\_\_\_\_

5. **Company:** \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Contact Person: \_\_\_\_\_ Phone #: \_\_\_\_\_

Email: \_\_\_\_\_ Date service began \_\_\_\_\_

