



410 Roy Drive • Ashville, AL 35953
(205) 594-7131 (205) 594-4441 Fax

Mike Howard
Superintendent

Scott Suttle
Board President

INVITATION TO BID
SCC #21/22-17 ECTC

CNC Cutting Machine
January 19, 2022

SEALED BIDS WILL BE RECEIVED BY THE FACILITIES AND MAINTENANCE DEPARTMENT, SAINT CLAIR COUNTY BOARD OF EDUCATION, 175 COLLEGE STREET ODENVILLE, ALABAMA 35120 UNTIL:

Thursday, January 27, 2022 at 9:00 a.m.

AT WHICH TIME THE BIDS WILL BE OPENED AND READ PUBLICLY FOR PURCHASE, DELIVERY OF:

Plasma CNC Machine – Eden Career Technical Center

RETURN ENTIRE COMPLETED PROPOSAL TO: Maintenance Department
St. Clair County Board of Education
175 College Street
Odenville, AL 35120

IT IS THE RESPONSIBILITY OF THE PROSPECTIVE BIDDER TO MAKE CERTAIN THAT THE BIDS ARE RECEIVED IN THE BIDS AND CONTRACTS DEPARTMENT BEFORE THE SCHEDULED BID OPENING. ANY BIDS RECEIVED AFTER THE DESIGNATED DATE AND TIME, WILL NOT BE CONSIDERED. BIDDER MUST USE THIS FORM AND RETURN IN ITS ENTIRETY. *DO NOT RETURN SHEETS WHICH ARE "NO BID"*

Outside of your bid envelope must be marked with the Bid number, date and time of bid opening, General Contractor's license number, if applicable (US MAIL, FEDERAL EXPRESS, UPS, ETC.).

FOR FURTHER INFORMATION RELATED TO THE PRODUCTS OR PROJECT CALL:

Jeremy Mitchell, Director of Operations Phone: 205-629-6277

FOR FURTHER INFORMATION RELATED TO THE BID PROCESS CALL:

Kristen Haggard, Bids and Contracts Phone: 205-629-6277

Marie Manning
V.P./ Ragland District

Allison Gray
Odenville District

Mike Hobbs
Springville District

Bill Morris
At-Large

Randy Thompson
Ashville/Steele District

Nickie VanPelt
At-Large

Terms, conditions, and criteria applicable to bids and contracts awarded pursuant thereto:

SECTION I – GENERAL INFORMATION

1. **General Criteria for Awarding Bids:** Bids shall be awarded to the lowest responsible bidder, taking into consideration the amount of the bid, the quality of commodities, goods of services proposed to be provided and their conformity with specifications, compatibility with existing services, material or equipment, the purpose for which the contract or order is to be awarded, terms of delivery (including date, point of delivery or pickup, transportation charges), and other identifiable objective circumstances or considerations that reasonably reflect or evidence the bidder's ability to meet the requirements of the invitation to bid.
2. **Bid Process Governed by Law:** The process of bid solicitation and the awarding of bids and/or contracts based thereupon shall, in all respects, be governed and controlled by applicable law, any provision herein to the contrary notwithstanding.
3. **Eligibility:** Prospective bidders and contractors shall be properly licensed, certified, or registered with appropriate governmental or regulatory authorities and must be prepared to demonstrate to the Saint Clair County Board of Education their fitness and ability to provide the product, material or service on the terms and conditions specified. Prospective vendors shall be responsible for advising the Board of their desire to be included in invitations to bid. The Board reserves the right not to solicit, receive, or entertain bids from vendors which have not responded to previous invitations, which have not performed to the satisfaction of the Board in previous transactions, or which cannot demonstrate to the satisfaction of the Board their willingness or ability to meet the reasonable requirements of the Board.
4. **Insurance Requirements:** Bidders or its contractor shall provide commercial general liability insurance coverage with a minimum aggregate limit of not less than one million dollars for person injury, bodily injury or death and property damage arising out of any one occurrence. Said liability policy shall be endorsed to include the Saint Clair County Board of Education as an additional insured on a primary and on contributory basis and the insurance carrier shall provide coverage and a defense to the Saint Clair County Board of Education, its agents, servants, officers, board members and employees. Bidders may be required to furnish evidence of appropriate liability, workers compensation, or other insurance as a prerequisite to an award of a bid or contract by the Board with the type and amount of coverage to be specified in the invitation.
5. **Advance Provisions or Samples:** The Board reserves the right to request demonstrations or samples of products or services before an award is made. The vendor must supply a return label or pick up the sample within one month following the bid opening. However, if the vendor does not attempt to pick up the sample within one month, the Saint Clair County Board of Education will dispose of the product. Pictures, descriptions and other explanatory documents and materials are encouraged and may be submitted with the bid.
6. **Discretion to Reject Bid:** The Saint Clair County Board of Education expressly reserves the right to reject all bids or parts thereof in its sole discretion.

7. **Hold Harmless:** Contracting party agrees to indemnify hold harmless and defend Saint Clair County Board of Education, Alabama, its elected officers and employees (hereinafter referred to in this paragraph collectively as “County”), from and against any and all loss expense or damage, including court cost and attorney’s fees, for liability claimed against or imposed upon County because of bodily injury, death or property damage, real or personal, including loss of use thereof arising out of or as a consequence of the breach of any duty or obligations of the contracting party included in this agreement, negligent acts, errors or omissions, including engineering and/or professional error, fault, mistake or negligence of Integrator, its employees, agents, representatives, or subcontractors, their employees, agents or representatives in connections with or incident to the performance of this agreement, or arising out of Worker’s Compensation claims, Unemployment Compensation claims, or Unemployment Disability compensation claims of employees of company and/or its subcontractors or claims under similar such laws or obligations. Company obligation under this Section shall not extend to any liability caused by the sole negligence of the County, or its employees. Before beginning work, contracting party shall file with the County, a certificate from his insurer showing the amounts of insurance carried and the risk covered thereby. Liability insurance coverage must be no less than one million dollars. During performance, the company must maintain insurance from a company licensed to do business in the State of Alabama. Coverage required includes: 1) Comprehensive General Liability, 2) Comprehensive Automobile Liability, 3) Worker's Compensation and 4) Employer’s Liability.
8. **Equivalent Bids:** Bid specifications which refer to company names, brand names or model numbers shall, unless otherwise provided, be construed to permit bids to be proposed which offer products, materials or services of equivalent (or greater) utility and quality. Bids proposing an equivalent product, service or material should include a complete explanation of the nature of any deviation or discrepancy from advertised specifications and the reasons such discrepancies should be deemed equivalent to the advertised specifications. Proprietary specifications may be waived for functional equivalents. The Board or its agents will be the sole party responsible for determining equal or better bid proposals.
9. **Delivery Terms:** Purchase orders will be issued, as deliveries are required. Back orders will not be accepted. Purchase order numbers must appear on all invoices. Failure to deliver as specified and in accordance with the bid submitted, including promised delivery; will constitute sufficient grounds for cancellation or the order at the option of the Saint Clair County Board of Education.
10. **Taxes: Direct Purchases** - The Saint Clair County Board of Education is exempt from all taxes; however, bidder shall be responsible for payment of all sales, use, lease, ad valorem and any other taxes that may be levied or assessed by reason of the transaction. **Contractor Transactions** - The Saint Clair County Board of Education **will not** elect to take any tax savings for materials, supplies, equipment and any other items necessary for the performance of a construction project that are purchased by the contractor on the owner’s behalf. However, bidder should identify any amount of tax included in the total bid cost.

11. **Bidder's Certification:** Bidder certifies by bidding that it is fully aware of the conditions of service and purpose for which item (s) included in this bid are to be purchased, and that the bid proposal will meet these requirements of service and purpose to the satisfaction of the Saint Clair County Board of Education.
12. **Reduction in Pricing:** In the event the vendor receives a reduction in cost from their supplier or manufacturer, the Saint Clair County Board of Education shall receive the benefit of such a reduction on any undelivered portion of the contract.
13. **Waive informality, technicality or irregularity:** The Saint Clair County Board of Education, or its Agent, shall have the right to waive any informality, technicality or irregularity.
14. **Termination of Contract:** The Saint Clair County Board of Education has the right to cancel any contract, in accordance with Procurement Contract Rules and Regulations, for cause, including but not limited to the following: 1) Failure to deliver within the terms of the contract, 2) Failure of the product or service to meet specifications, conform to sample quality, or to be delivered in good condition, 3) Misrepresentation by the vendor, 4) Fraud, collusion, conspiracy, or other unlawful means of obtaining any contract with the state, 5) Conflict of contract provisions with constitutional statutory provisions by State or Federal Law, 6) Failure to resolve billing issues in a timely manner, 7) Failure to acquire a purchase order number before the start of work or repairs, 8) Substantial change in financial or economic condition of the Saint Clair County Board of Education and 9) Any other breach of contract. If the contract is terminated, the contract may be awarded to the next lowest responsible bidder.
15. **Pricing:** Vendor agrees that the Saint Clair County Board of Education will be charged no more for item (s) bid than the State of Alabama or P.A.C.A. contracts. Prices must be firm for each contract period and must include transportation, handling, packaging, and any service charges. Increase in unit prices, if any, for subsequent periods shall be within the percentage of increase allowed by the "Invitation" and must be submitted thirty (30) days prior to contract expiration date. Notification and documentation of increase shall be submitted to the Bids and Contracts department for approval. Contract renewal/extension will constitute acceptance of price increases. No additional charges/surcharges allowed other than pricing specified within the bid document.
16. **Alternative Purchasing:** The Saint Clair County Board of Education reserves the right to purchase any product identified on this bid from another valid governmental bid should the alternate bid pricing be lower than the pricing on this bid.
17. **Smoke Free Policy:** All Saint Clair County facilities and offices are smoke free environments. All potential and successful bidders must abide by this policy.
18. **Deviation Disclosure:** Any and all deviations must be identified and documented on the appropriate enclosed form. Failure to do so may result in disqualification of vendor.
19. **Collusion:** The Board will not be party to any form of collusion among vendors. The enclosed non-collusion form shall be completed and forwarded with the bid.

20. **Certificate of Eligibility:** All potential vendors must disclose eligibility to bid on project. Complete enclosed Certificate of Eligibility.
21. **Vendor Guidelines:** All vendors doing business with the Saint Clair County Board of Education are expected to comply with guidelines for doing work on school premises. Enclose Vendor Guidelines for working in Saint Clair County Schools when returning your proposal.
22. **Compliance with Bonding Requirements:** Under the Alabama Bid Law, it is at the owner's discretion whether or not to ask for bonding requirements for any contract exceeding \$10,000.00. Therefore, bidder is not required to submit bonding with their proposal.
23. **Audit:** For the purpose of verifying pricing, the successful bidder must agree to allow the Saint Clair County Board of Education audit related records within a 72-hour notice.
24. **Immigration Law:** By signing the bid documents, the contracting parties affirm, for the duration of the agreement, that they will not violate Federal Immigration Law or knowingly employ, hire for employment, or continue to employ an unauthorized alien within the state of Alabama. Furthermore, a contracting party found to be in violation of this provision shall be deemed in breach of the agreement and shall be responsible for all damages resulting therefrom. Documentation will be required prior to bid approval.
25. **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 bid document on required signature pages.
 - C. Failure to include requested information.
 - D. Excessive errors.
 - E. Failure to include bid bond (if required)
 - F. Failure to submit originals, a faxed copy is not acceptable.
 - G. Failure to attend the pre-bid meeting (if required)
 - H. This "Invitation" shall not be altered by bidder in any way. Any and all changes from those specified shall be listed as a deviation. Failure to abide by this may result in the bid being disqualified.

SECTION II-GENERAL CONDITIONS

INSURANCE:

The successful bidder will maintain such insurance as will protect him and the County from claim under Workmen's Compensation Acts, and from claims for damage and/or personal injury, including death, which may arise from operations under this contract. Insurance will be written by companies authorized to do business in Saint Clair County, Alabama and **shall include Saint Clair County, Alabama as Added Additional Insured By Endorsement including a thirty (30) day(s) written cancellation notice.** Evidence of insurance will be furnished to the Purchasing agent not later than seven (7) day(s) after Purchase Order/contract date. Successful bidder is also required to include the bid number on the evidence of insurance.

Insurance Minimum Coverage:

Contracting party shall file the following insurance coverage and limits of liability with the County's Maintenance and Purchasing Department before beginning work with the County.

General Liability:

\$1,000,000 - Bodily injury and property damage combined occurrence

\$1,000,000 - Bodily injury and property damage combined aggregate

\$1,000,000 - Personal injury aggregate

Comprehensive Form including Premises/Operation, Products/Completed Operations, Contractual, Independent contractors, Broad Form property damage and personal injury.

Automobile Liability:

\$1,000,000 - Bodily injury and property damage combined coverage

Any automobile including hired and non-owned vehicles

Workers Compensation and Employers Liability:

\$100,000 - Limit each occurrence

Umbrella Coverage:

\$1,000,000 - Each occurrence

\$1,000,000 – Aggregate

PROPOSAL INSTRUCTIONS:

In order to facilitate the analysis of responses to this bid, Bidders are required to prepare their responses in accordance with the instructions outlined in this section. Responses not complying with this format may be considered non-responsive and may be removed from consideration on this basis. All costs incurred by the Bidder in preparing the response or costs incurred in any other manner by the Bidder with regard to this BID will be wholly the responsibility of the bidder. All responses, materials, supporting materials, correspondence and documents submitted by the Bidder become the property of Saint Clair County and will not be returned.

VENDOR'S COSTS:

Costs for developing responses are entirely the responsibility of the Vendor and shall not be chargeable to Saint Clair County Schools. Responses should be prepared as simply as possible and provide a straightforward, concise description of the Bidder's capabilities to satisfy the requirements of the Bid. Expensive bindings, color displays, promotional materials, etc., are not necessary or desired. Emphasis should be concentrated on accuracy, completeness, and clarity of content. All parts, pages, figures, and tables should be numbered and clearly labeled.

Bid #21/22-17 ECTC

SECTION II-GENERAL CONDITIONS

The quality and grade of all products and services provided by low bidder shall meet all Local, State, and Federal requirements and inspection/building codes and test, permits, and license including, but not limited to ADEM, OSHA, Fire & Safety, EPA, American Disability Act and Health Department.

Minimum Qualifications

1. Statutory licensure requirements, if applicable.
2. Successful bidder shall have a minimum of three (3) years providing services of similar size, nature and complexity to that specified and experience doing business under the same firm name in which the bids are submitted. Joint venture contracts **will not** be considered.

Overview: The purpose of this “Invitation to Bid” is to make available to our schools the purchase and delivery of the specified item, as per attached specifications.

Contract Period: The bid contract and pricing submitted will be effective for one year with an option to renew up to four additional years under same terms and conditions with written agreement between both parties. An increase of no more than 3% may be allowed at each annual renewal with written documentation from the manufacturer.

Continuance of Contract: The continuation of this contract is contingent upon the appropriation of funds from the appropriate government funding sources. If sufficient monies are not provided to allow continuation of this contract, the contract shall terminate on the date when funds are no longer available.

Conformity to Specifications: It is acknowledged that all manufacturers have design differences and that no two products are designed identically. Therefore, products will be evaluated based on the overall quality or design, the quality of materials, the integrity of the construction system as well as functionality and conformity to the intended application.

Award: The following criteria will be used in evaluating and awarding this bid: 1) the general criteria for awarding bids, as included in Section I- General Information, 2) the extended total cost for the purchase and delivery of the indicated item. The discount for other non-specified items will also be considered prior to the award. Options and Accessories may be purchased at a later time during the contract period if funding is available.

Quantities: Quantities shown herein are estimated requirements for bidding purposes only for the contract period. The Saint Clair County Board of Education does not obligate itself to purchase the full quantities indicated, but the price offered per item must be allowed should the quantities be less. The Board’s requirements may exceed the quantities shown and all orders received by the contractor during the term of the contract shall be filled in accordance with the terms and conditions hereinafter set forth.

Schools that plan to order, if the funding is available:

Eden Career Technical Center 45 County Road 33, Ashville, AL. 35953

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SECTION II-GENERAL CONDITIONS (Continued)

Substitution: The item, manufacturers or brands listed in this “Invitation to Bid” have proven to be of a grade, quality and availability which are acceptable to the Saint Clair County Board of Education. Therefore, substitutions for the product specified will not be considered. Only those products that meet or exceed the product and performance specifications as an equal will be considered. When submitting an item as an equal, you should provide a comparison of the specifications for the equal versus the product specified on the form included. *The burden of proving a product as an equal to that specified shall fall to the vendor submitting the proposal.*

Product Evaluation: Bidder will deliver, upon request, a sample of each item on which he has bid for evaluation within 7 days (s) of request. Failure to provide the sample (s) within this time frame will result in rejection of the product from award consideration.

Compliance: In the event the lowest bidder refuses to accept all the requirements set forth in this bid without deviation, that bid will then be considered as non-respondent. In this case, the award of this contract will be rescinded with the new award going to the next low bidder meeting specifications.

Purchase Order: Failure to acquire a Purchase Order prior to any work being performed, Saint Clair County Board of Education will not be responsible for payment.

Payment Procedures/Terms

- All orders must be initiated with a purchase order.
- No backorders allowed, as specified on purchase order.
- Purchase orders are emailed unless otherwise instructed.
- Vendor will have measures in place to prevent duplication of orders.

Vendor is expressly prohibited from the exchange of goods without approval. Return of goods to suppliers should be adequately controlled by the issuance of a credit memorandum sent to the Saint Clair County Board of Education.

It is customary that payment terms will be Net 30 days from invoice date. However, because of the volume of purchases by the Saint Clair County Board of Education, and certain down times, such as Christmas holidays, spring and fall breaks and summer vacation, occasionally 45 days from invoice date will be necessary to process payment. Vendor will be responsible for disclosing in their bid their acceptance of these terms. Checks will be mailed to the address furnished by the vendor and cannot be picked up at the central office except as approved by the Finance Director.

_____ Authorized Signature _____ Date

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SECTION II-GENERAL CONDITIONS (Continued)

Pending Legal Actions: Disclose all past or present legal actions or party to all legal actions involved in for this service or product. Failure of accurate disclosure may result in bidder being disqualified.

Additional Purchases: The Saint Clair County Board of Education reserves the right to purchase this service for additional, yet unidentified schools, under the same unit pricing and specifications as outlined in this bid.

Non Specified Items/%Discount Off List/Catalog Price: The Saint Clair County Board of Education has attempted to identified the item and accessories that should be included with this purchase: however, the Board, through this “Invitation”, reserves the right to purchase additional non-specified similar units/accessories from the successful bidder as the need arises. For these non-specified items, bidders should indicate their **% discount of list/catalog price** that will be offered on the non- specified items.

The purpose of identifying the **% discount off list/catalog price** is to allow the Saint Clair County Board of Education to buy from this bid like or similar (non-specified) items that may not have been identified in the original “Invitation to Bid” or that may not be readily available from the low bidder for that group of items.

IF BIDDER IS NOT FROM THE SAINT CLAIR COUNTY AREA, BIDDER SHOULD INDICATE, IN DETAIL, THEIR PLAN FOR PROVIDING SERVICE SHOULD THEY RECEIVE THE AWARD.

All Bidders should have verifiable projects of similar function, size and complexity. Bidder must furnish a sales/service representative to handle all details of order or subsequent service. Bidder is to provide name, address and phone number of representative who will be handling the order and any necessary service or warranty claims.

Name of Sales/Service Representative: _____

Address: _____ Phone # _____

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QUOTE FORM

Description: Purchase and Delivery of Plasma CNC machine as specified or equal. Unit cost to include cost of cutting system, software, height control and delivery.

5x10 Cutting System with Advanced Design Software and Digital Advanced Height Control

Unit Cost \$ _____ Quantity (2) Extended Cost \$ _____

Options/Accessories:

Full 3D Capability	\$ _____
Routing Attachment	\$ _____
Extra Seat License	\$ _____

Completion/Delivery date from issuance of purchase order: _____

%Discount off list/catalog price for non-specified items and accessories: _____% (See page 8)

Requirements: Vendor must have the capability to provide the following:

- a. Delivery as required. Multiple sites. Bidder to include delivery fee scale with their proposal to be used for other options/accessories. Delivery should be included with the total extended price of the specified item.
- b. All bidders submitting proposals for labor or product must attach the nature, extent and conditions of all warranties.

This "Invitation" shall not be altered by bidder in any way. Any and all changes from those specified shall be listed as a deviation. Failure to abide by this requirement may result in the bid being disqualified from consideration.

IDENTIFICATION

If Saint Clair County business Licenses were issued to your company for the past twelve (12) months, please list numbers: _____ Vendor's Federal I.D. Number: _____

Address: _____

I certify that _____ (Company name) has ___, or has not ___ been in operation for at least one year at location (s) zoned for the type of business conducted by my company at the address stated above.

_____ (Authorized Signature) _____ (Print Name)

HOW IS THIS PROPOSAL SUBMITTED? (Indicate only one)

- Meeting the exact specifications ()YES ()NO or
- As an equal/or better to the stated specifications ()YES ()NO

Authorized Signature

Title

Bid #21/22-17 ECTC

CERTIFICATION OF COMPLIANCE WITH SPECIFICATIONS

The Undersigned person declares that he or she is legally authorized to bind the firm hereby represented, and that the firm being represented is authorized to do business in the State of Alabama, and hereby certifies that he or she has examined and fully comprehends the requirements of and specifications for the Saint Clair County Board of Education. We propose to furnish said items or services quoted and guarantee that, if the order is placed with us, we shall furnish said items in accordance with your specifications and requirements unless otherwise indicated.

COMPANY NAME: _____

ADDRESS: _____

TELEPHONE: _____ FAX: _____

EMAIL ADDRESS: _____

DEVIATION FORM

In the event that the undersigned bidder intends to deviate from the specifications, the bidder must fully document and list each deviation in complete detail including reasons for the deviation. General statements may not be acceptable.

If no deviations are submitted, the bidder assures the buyer of full compliance with the specifications and conditions, and assures the buyer that samples accompanying bid meet all specifications.

ANY DEVIATION FROM PUBLISHED SPECIFICATIONS MUST BE IDENTIFIED ON THIS DEVIATION FORM. FAILURE TO ABIDE BY THIS REQUEST MAY RESULT IN A BIDDER BEING DISQUALIFIED.

Authorized Signature

Title

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**Vendor Guidelines
for Working in
Saint Clair County Schools**

- NO weapons on school grounds.
- NO illegal substances on school grounds.
- NO smoking on school grounds.
- Visible identification required at all times.
- Sign in upon arrival, sign out on departure.
- NO contact or communication with students.
- Appropriate language used at all times.
- NO cell phones/pagers occupied in classrooms.
- Contract information and bid specifications furnished to Principal.
- Work schedule furnished to Principal, before starting job/project.
- Project completion date furnished to Principal.
- Advance notice given of afterhours work, including areas to which access is needed.
- All equipment and physical plant left DAILY in good working order and securely locked.
- Work debris removed DAILY by vendor.
- School equipment replaced in original location.

Authorized Signature

Date

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Specifications

Shop portion of the Cutting Machine (made in America preferred)

- Cutting capacity to be a full 60in x 120in
- Table to support a minimum of 60in x 120in x 5/8in thick material
- Single Piece Unitized Frame
- Down draft cutting table to have 4in tall slats on 2in centers on the cutting area to support the material
- Cutting area to be above the Y axis to protect the rack while loading and unloading metal
- Rack and Pinion Drive
- Planetary Gear Boxes
- X Axis Carriage Saddle to have a minimum width of 37in to assure rigidity while in motion
- Exhaust hole to be cut in the back of the cutting table
- Parking zone to allow the bridge to move completely out of the cutting area to facilitate easier loading and unloading
- The cutting area to have over travel limit switches that will also be used for calibration of the home position
- A detailed pre-installation manual outlining everything that the end user needs to have in place prior to the arrival of the installation technician

Torch Height

- The plasma torch to be mounted in a Floating Head (Sheet Rider) that has roller balls on the bottom allowing the plasma tip-to-sheet distance to remain the same during the cutting process at high speeds and to allow the head to float up or down if the metal is slightly warped
- The vertical movement of the head to be pneumatically controlled through the controller and to have the ability to stay down for the entire cutting process, or raised up and down between cuts

Plasma

- The plasma to be a 45 Amp Air Plasma with a starter set of consumables

Office Computer

- Windows 10 PC Computer with Keyboard, Monitor and Mouse
- Color Printer with 2 trays (one for reports and one for labels)
- Multi plug extension cord for computer, printer and monitor
- Starter set of labels
- AutoDesk Fabrication CAMduct (HVAC Software) to be installed on the office computer

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Shop Controller

- To be mounted in a dust resistant cabinet with rolling casters allowing the unit to be moved in a 5ft radius from the side to the front of the cutting machine
- The controller to be connected to the cutting table with a flexible Sealtight hose to protect the cables.
- Controller to run in Windows 10
- Controller to have a minimum of a 20in Color CRT
- Controller to have a 2 Axis Drive System but to also include two additional 2 Axis drive connections for redundancy in case one of the drives in use goes down and the operator can switch over to the extra drive and continue to operate
- Controller to connect to the included office computer through a CAT 5 Network cable (also included)
- Controller to include a Handheld Pendant (Joystick) allowing the operator to walk around the table and move the cutting head to the required position
- Controller to include the following software:
 - Onboard CAD/CAM for fast part creation at the controller with an additional copy for the office
 - Part Preview of the nest that is being cut
 - Import of DXF/DWG files at the controller
 - Automatic Nesting of the DXF files at the controller
 - Plasma Support Interface
 - Jump to Line, Dry Run
 - Momentary Run
 - Run File Forward and Backwards
 - Kerf Crossing Detection
 - Automatic Kerf Compensation
 - Overburn Support
 - Assign Different Operations to Each Part
 - Cut Sequencing
 - Operation Sequencing
 - Custom views of Kerf Width, Cut Direction
 - Toolpath, Rapids and Part Geometry
 - Customizable Post Processor

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HVAC Software

- Perpetual License - no ongoing subscription required
- Rectangular Fitting Libraries
- Circular Fitting Libraries
- Oval Fitting Libraries
- Rotational 3-D views of fittings as they are programmed
- 3 views of the fittings as are they are being programmed that change in real time to the dimensions as they are entered.
- View of each side for verification of the fitting in the flat prior to cutting showing the actual cut part size and the overall part size with the allowances added
- Unlimited Customer Populated Material Database
- Unlimited Seam Data Base
- Unlimited Connector Database
- Pre-loaded Seam, Connector and Material Database
- Standard Shape Library
- AutoNest Rotational Nesting
- Manual Nest allows you to drag and drop parts but will not allow you to overlap
- Opus-5 CAD 2-D Drawing Package
- Automatic Oversize Part Breakdown of Oversize Fittings
- Management Reports
- Add Hole in Fittings
- Internet Help
- First-year Software Updates Included.
- FREE phone, fax & internet support for the lifetime of the machine, to the original owner

Training

- Onsite set up of the machine to include all travel related expenses
- Onsite operator training of all software to include all travel related expenses
- Phone and internet support to be included for the lifetime of the machine. No additional support contracts to be required.
- After the machine has been installed and running for a minimum of 6 months - one 3 hour onsite preventative maintenance service call to be included at no additional cost to the end user

Delivery

- The price is to include delivery to the ECTC building

ECTC Responsibility

- ECTC to be responsible for unloading the machine from the truck or trailer and placing the machine in the installation location
- ECTC to be responsible for providing the required power and air to the machine and having a certified electrician available to connect the power
- ECTC to be responsible for ventilation of the cutting table