

LAWRENCE COUNTY
SCHOOL SYSTEM

MEMO

To: Vendors

From: Hope Brown, Director of Career and Technical Education

Date: August 19, 2026

Re: Virtual and Augmented Reality Welding Training Systems

INVITATION TO BID

The Lawrence County, Tennessee Board of Education is soliciting bids for Virtual and Augmented Reality Welding Training Systems. Sealed bids must be received by the Lawrence County Board of Education, 1620 Springer Road, Lawrenceburg, TN 38464 by September 2, 2026 at 10:00 A.M. All bids will be opened on September 2, 2026 at 10:00 A.M.

Envelopes containing bids must be sealed and sent postpaid or hand delivered, marked on the lower left-hand corner with name and address of bidder, and identified as "VIRTUAL WELDING SYSTEMS BID" to be opened at the date and time specified in the invitation.

The Lawrence County, Tennessee Board of Education reserves the right to reject any or all bids, to waive any informality(s) in bids received, and to accept or reject any items of any bids.

In compliance with the invitation for bids, and subject to all the conditions thereof, the bidder offers, and agrees, if this bid is accepted, to furnish the items quoted at the prices set and on the date specified. Bid specifications are attached.

LAWRENCE COUNTY, TENNESSEE BOARD OF EDUCATION

BID REQUIREMENTS

OBJECTIVE

The Lawrence County School System (LCSS) is accepting bids for the purchase of three (3) full virtual/augmented reality welding training systems and three (3) mobile welding training systems. The bid will be awarded to the most responsible bidder offering a proposal deemed most acceptable and advantageous to LCSS and most closely meeting the minimum specifications. The intent is to award to one vendor who can best meet the requirements and provide the products and services described. Products meeting or exceeding the stated minimum requirements may be proposed.

TECHNICAL SUPPORT/SERVICE

Technical/end-user support shall be available throughout the warranty/support period. Vendors shall provide technical information needed for proper configuration, deployment, operation, and troubleshooting. The bid shall identify support hours, support methods, response procedures, software support included, and any recurring support costs. Documentation supporting the vendor's qualifications to provide accurate and detailed technical support/service shall be included.

PRICES

Bids should be submitted on the furnished specification sheets in addition to the vendor proposal. All prices shall exclude state and local tax and shall clearly identify equipment, software/licensing, training, delivery/freight, installation/setup, warranty, and any other required charges. The envelope must be completely and properly identified and sealed. Telephone, email, or faxed bids will not be accepted.

AWARD

The Lawrence County Board of Education reserves the right to reject any or all of the bid proposals, to verify that the product meets specifications, and to waive technical errors if the best interest of the Lawrence County Board of Education will thereby be promoted. The right is reserved to reject any or all bids, to waive any informality(s) in bids received, and to accept or reject any items of any bids.

It is the bidder's responsibility to comply with all local, state and federal laws as they apply to this bid. In addition to a formal proposal, all bidders must use the LCSS Bid Response Form to provide a summary of the bid. The final award will be made by the Board of Education based on the recommendation of appropriate district staff and the bidder's ability to meet the stated specifications.

The System reserves the right to cancel the contract/bid with the vendor for non-performance at any time during the contract period. Nonperformance includes, but is not limited to; failure to supply good quality service or equipment, poor billing and customer services, and failure to maintain status as an authorized representative of services and equipment sales.

PRODUCT SPECIFICATIONS REQUIREMENTS

All purchased items will be inspected upon delivery for meeting specifications. Any items NOT meeting the specifications agreement at the time of purchase will be rejected and returned at vendor's expense.

PAYMENT AND INVOICE PROVISIONS

All invoices shall be forwarded to the:

Lawrence County School System
Attention: Accounts Payable
1620 Springer Road
Lawrenceburg, TN 38464

Payment will be made in accordance with applicable Lawrence County School System accounting procedures upon acceptance by the Agency. LCSS may not be invoiced in advance of delivery and acceptance of any equipment, service or commodity. Payment will be made only after the contractor has successfully satisfied LCSS as to the goods and/or services purchased.

Vendors should invoice the agency by an itemized list of charges. Purchase Order Number and/or Contract Number should be referenced on each invoice.

ADDITIONAL INFORMATION

Vendor should include any additional information believed to be pertinent but not explicitly requested elsewhere in the specifications. Product warranty information must be included in writing. The vendor shall also identify any software subscriptions, license renewals, consumables, accessories, or other ongoing costs required for full use of the proposed systems.

Failure to examine any drawings, specifications, and instructions will be a bidder's risk. Bids and modifications or corrections received after the closing time specified will not be considered. LCSS is not responsible for delays in delivery by mail, courier, etc.

Any alteration, erasure, addition to or omission of requested information, change of the specifications, or bidding schedule, is made at the risk of the bidder and may result in the rejection of the bid, unless such changes are authorized by the specifications.

INQUIRIES

Any questions that arise concerning technical or purchasing information must be submitted in writing to:

Contact: Hope Brown, Director of Career and Technical Education

Lawrence County School System

Phone: (931) 762-3581

Email: _____

Bid Specifications

The following are minimum specifications for the Virtual and Augmented Reality Welding Training Systems. Compliance with each specification shall be noted in the YES or NO columns. Any addition, deletion, exception, or variation shall be explained in the Comment column or on an attached sheet. These specifications are minimum requirements; however, exceptions will be weighed carefully against the needs, experiences, and resources of LCSS. Brand names or product characteristics, where referenced, are intended only to establish the desired level of quality, function, and performance. Equivalent or superior products may be offered. The bidder shall furnish descriptive literature, complete specifications, and technical data for the equipment proposed. Failure to provide sufficient information to verify compliance may cause the bid to be deemed non-responsive.

Bidder Complies	YES	NO	Comment
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General Specifications

Bid shall include three (3) complete full-size virtual/augmented reality welding training systems.
 Bid shall include three (3) complete mobile/portable virtual or augmented reality welding training systems.
 All systems shall be new, current-production equipment and supplied as complete, operational training systems.
 Proposed equipment shall provide a realistic welding simulation environment designed for secondary welding instruction and skill development prior to live-arc welding.
 Full-size systems shall support multiple welding processes, including at minimum GMAW/MIG, SMAW/Stick, and GTAW/TIG simulation.
 Systems shall provide realistic welding interfaces such as welding helmet/display and process-appropriate gun, torch, stinger/electrode holder, and/or filler-metal components.
 Simulation shall provide real-time feedback on student welding technique and performance.
 System shall score, record, graph, or otherwise document student performance for instructor and student review.
 System shall allow post-weld review/playback or equivalent performance review functionality to help identify errors and reinforce proper technique.
 Simulation shall provide realistic visual weld puddle behavior and welding sound or equivalent sensory feedback appropriate to the simulated process.
 Full-size systems shall include configurable or interchangeable workpieces/exercises that support multiple welding applications, positions, and skill-development activities.

Instructor Software / Curriculum

Full-size systems shall include instructor/teacher software or a learning management system that permits instructors to manage students, courses/content, assignments, and welding exercises.
 Instructor software shall provide student progress monitoring, performance analysis, and reporting capabilities.
 System shall permit instructors to create or assign customized training activities so students can progress at an appropriate pace.
 Curriculum and/or exercises shall support recognized welding education standards. Preference will be given to systems that include or align with NCCER welding curriculum and AWS SENSE standards/guidelines.
 Included curriculum shall contain exercises for GMAW/MIG, SMAW/Stick, and GTAW/TIG or equivalent instructional content for the processes supported by the system.

Mobile Systems

Each mobile system shall be portable and suitable for classroom, lab, outreach, recruitment, or other mobile instructional use.
 Each mobile system shall provide simulated welding practice with real-time technique feedback and scored or recorded performance review.
 Mobile systems shall include all hardware, software, interfaces, mounting components, and accessories required for normal operation.

Installation, Training, Warranty and Support

Bid shall include delivery/freight to Lawrence County School System and shall clearly state any delivery charges.
 Bid shall include initial setup/configuration requirements and identify whether on-site installation or commissioning is included.
 Vendor shall provide initial instructor training sufficient for LCSS staff to operate the equipment, manage student users, and use included instructor software/curriculum. Training format and duration shall be stated.
 Vendor shall provide written warranty information for all proposed equipment and identify the

Bidder Complies	YES	NO	Comment
length and scope of coverage. Vendor shall identify all included software licenses/subscriptions, the initial license term, and any renewal or recurring costs. Vendor shall identify technical support availability, method of support, and any costs associated with support after the initial warranty/support period. Vendor shall provide descriptive literature and complete technical specifications sufficient for LCSS to verify compliance with each requirement. Vendor shall list all components and accessories included with each full-size system and each mobile system. Any proposed exception or equivalent shall be clearly identified and explained. LCSS reserves the right to determine whether a proposed alternative meets or exceeds the required functionality.			

**BID RESPONSE FORM
LAWRENCE COUNTY SCHOOL SYSTEM**

All bids should be submitted on this BID RESPONSE FORM. Award will be made to the lowest responsible bidder meeting the specifications and providing the complete required system configuration. LCSS reserves the right to consider compliance with specifications, completeness of the proposed solution, warranty/support, training, delivery, and total cost in determining the lowest responsible bid.

- Please submit documentation, a description and key features of the product, and a list of items included.
- Use additional copies of this form if submitting bids for multiple system configurations.

Item	Quantity	Description	Unit Price	Total Price
1	3	Full-size virtual/augmented reality welding training systems, complete		
2	3	Mobile/portable virtual or augmented reality welding training systems, complete		
3	1	Delivery, setup/configuration, instructor training, and other required charges (itemize if applicable)		
		TOTAL BID		

Items and pricing shall remain valid for a minimum of 120 days from bid award.

The below signed as Bidder hereby declares that this Bid is made without any expressed or implied connection (financial or otherwise) with any other person or company or parties making a Bid on the above named Project; and that this Bid is, in all respects, fair and in good faith without collusion of fraud or in conflict of interest. Items meet or exceed all product specs.

Company Name

Signature

Authorized Representative

Date