

Tri-County Technical College Request for Written Quotes

SOLICITATION NUMBER: TCTC-23-CCE Plumbing Installation Training Systems

DATE ISSUED: 10/25/2023

PROCUREMENT OFFICER: Beverly Franklin

PHONE: 864-646-1439

EMAIL ADDRESS: bfrankl3@tctc.edu

MAILING ADDRESS: PO Box 587 Pendleton, SC 29670

DESCRIPTION: Plumbing Installation Training Systems for CCE Plumbing Certificate Program

SUBMIT YOUR OFFER TO: bfrankl3@tctc.edu

DEADLINE TO SUBMIT BID BY: **11/03/2023 @ 12:00 PM** (See "Deadline For Submission Of Offer" provision)

NUMBER OF COPIES TO BE SUBMITTED: **One (1) copy to be emailed to bfrankl3@tctc.edu**

Award is scheduled to be posted on or before **11/09/2023 if applicable**. The award, this solicitation, any amendments, and any related notices will be posted at the following web address: www.tctc.edu/purchasing

By submitting a quote, you agree to be bound by the terms of the Solicitation. You agree to hold Your Offer open for a minimum of thirty (30) calendar days after the Opening Date.

SPECIFICATIONS

Products should meet or exceed the specifications below for quotes to be accepted. By submitting an offer, you are confirming that your products meet or exceed the specifications in this document and must submit product information to verify. If specifications are not met, your offer will be rejected as non-responsive.

Tri-County Technical College (TCTC) intends to purchase **a Utility Room Plumbing Installation Training System, a Bathroom Plumbing Installation Training System, a Kitchen Plumbing Installation Training System and a Plumbing Lab Tool Kit** as specified below.

Plumbing Trainers - Training System Platforms need to provide students with the necessary hardware and components for installation, connection, and maintenance of various residential plumbing fixtures and devices. This system needs to provide access to onboard components simulating real world installations commonly seen in industrial plumbing environments. The series of trainers need to include 3 different units which can be used individually or connected together for whole house connectivity. The Mobile plumbing training system must also provide a mobile reservoir, pump, and drain tank for testing installations and connections.

Due to space limitations, the system needs to be fully portable with (6) locking casters. When folded into the storage position, the dimensions need to be 78"H x 30"D x 78"L.

The Plumbing Training System platforms need to include the following:

Utility Room Installation Training System

1. Water Heater Installation
2. Water Service/Distribution Installation
3. Clothes Washer Plumbing and Drain Installation

Bathroom Plumbing Installation Training System

1. Lavatory Installation
2. Toilet Installation
3. Shower Installation

Kitchen Plumbing Installation Training System

1. Sink Installation
2. Dishwasher Installation (Simulated)
3. Garbage Disposal Installation
4. Ice Maker Supply Installation

Topic Coverage: While performing hands-on activities, the trainers need to allow students to practice the following skills while using the 3 training systems:

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|-------------------------------------|-------------------------------------|
| • Plumbing Drawings | • Copper Piping Installation |
| • Piping Types and Sizing | • Vanity Sink Fixture Installation |
| • Trunk Line and Branch Supplies | • Kitchen Sink Fixture Installation |
| • Drain Waste and Vent Systems | • Toilet Fixture Installation |
| • Air Chambers for Shock Absorption | • Tub and Shower Fixtures |
| • PVC and CPVC Installations | • Pressure Testing |
| • PEX Piping Installation | |

PLUMBING LAB TOOL KIT MUST INCLUDE THE FOLLOWING

- 4' LADDER
- 8' LADDER
- TOOL CHEST/WORK BOX
- ROLLING TOOLBOX
- CIRCULAR SAW
- RECIPROCATING SAW
- RECIPROCATING SAW BLADES WOOD
- RECIPROCATING SAW BLADES METAL
- ½" RIGHT ANGLE DRILL
- ½" DRILL/HAMMER DRILL
- 18V CORDLESS TOOL SET
- HOLE SAW KIT THRU 6"
- SHIP AUGER BITS THRU 1"
- SPIRAL SHANK HOLE SAW KIT
- HACK SAW
- HACK SAW BLADES
- HAND SAW
- CLAW HAMMER
- PRY BAR SET
- SPEED SQUARE
- COMBINATION SQUARE
- FRAMING SQUARE
- 4' LEVEL
- 2' LEVEL

- TORPEDO LEVEL
- PLUMB BOB
- CHALK LINE
- WOOD CHISEL KIT
- 12" PIPE WRENCH
- 24" PIPE WRENCH
- 36" PIPE WRENCH
- PIPE THREADING DIE SET
- PIPE REAMER
- PIPE CUTTER
- PIPE VISE WITH STAND
- CUTTING OIL
- ADJUSTABLE WRENCH KIT
- STANDARD WRENCH KIT
- NUT DRIVER KIT
- LOCKING PLIERS KIT
- SLIP JOINT PLIERS KIT
- SCREWDRIVER KIT
- SOCKET SET 3/8" DRIVE
- SOCKET SET 1/2" DRIVE
- PVC PIPE CUTTER
- PVC HAND SAW
- HEX KEY SET
- SMALL TUBING CUTTER
- MEDIUM TUBING CUTTER
- 50' TAPE MEASURE
- 25' TAPE MEASURE
- 10' TAPE MEASURE
- FOLDING RULE
- PEX CRIMPING TOOL
- PEX EXPANDER TOOL
- WIRE BRUSH SET
- FLARING TOOL
- MAP GAS TORCH KIT
- PIPE SOLDER
- PRESSURE TESTING KIT
- STRAP WRENCH SET
- CHAIN WRENCH SET
- BASIN WRENCH
- SPUD WRENCH
- SEAT WRENCH
- BASKET STRAINER WRENCH
- BENCH VISE

Delivery/Installation will be to Tri-County Technical College's Anderson Campus, Anderson QuickJobs Center, Industrial Classroom, 512 Michelin Blvd, Anderson, SC 29625.

Please note your estimated delivery timeframe on your quote.

The Quote needs to include freight/shipping, installation, and instructor training on-site at the Tri-County Technical College campus location listed above.

Business name and contact information must be included within the quote.

The following clauses apply to this Request for Written Quotes. Any additional conditional terms and conditions included with your quote will deem your quote non-responsive.

DEADLINE FOR SUBMISSION OF OFFER (MODIFIED)

Any offer received after the response deadline set by the Procurement Officer shall be rejected.

DRUG FREE WORK PLACE CERTIFICATION (JAN 2004)

By submitting an Offer, Contractor certifies that, if awarded a contract, Contractor will comply with all applicable provisions of The Drug-free Workplace Act, Title 44, Chapter 107 of the South Carolina Code of Laws, as amended. [02-2A065-1]

OPEN TRADE REPRESENTATION (JUN 2015):

By submitting an Offer, Offeror represents that Offeror is not currently engaged in the boycott of a person or an entity based in or doing business with a jurisdiction with whom South Carolina can enjoy open trade, as defined in SC Code Section 11-35-5300. [02-2A083-1]

PAYMENT and INTEREST (MODIFIED)

(a) The State shall pay the Contractor, after the submission of proper invoices or vouchers, the prices stipulated in this contract for supplies delivered and accepted or services rendered and accepted, less any deductions provided in this contract. Unless otherwise specified herein, including the purchase order, payment shall not be made on partial deliveries accepted by the Government. (b) Notwithstanding any other provision, payment shall be made in accordance with S.C. Code Section 11-35-45 which provides the Contractor's exclusive means of recovering any type of interest from the Owner. Contractor waives imposition of an interest penalty unless the invoice submitted specifies that the late penalty is applicable. Except as set forth in this paragraph, the State shall not be liable for the payment of interest on any debt or claim arising out of or related to this contract for any reason.

PROTESTS (MAY 2019)

If you are aggrieved in connection with the solicitation or award of the contract, you may be entitled to protest, but only as provided in Section 11-35-4210. To protest a solicitation, you must submit a protest within fifteen days of the date the applicable solicitation document is issued. To protest an award, you must (i) submit notice of your intent to protest within seven business days of the date the award notice is posted, and (ii) submit your actual protest within fifteen days of the date the award notice is posted. Days are calculated as provided in Section 11-35-310(13). Both protests and notices of intent to protest must be in writing and must be received by the appropriate Chief Procurement Officer within the time provided. See clause entitled "Protest-CPO". The grounds of the protest and the relief requested must be set forth with enough particularity to give notice of the issues to be decided. [02-2A085-2]

PROTEST - CPO - MMO ADDRESS (MODIFIED)

Any protest must be addressed to the Chief Procurement Officer, Materials Management Office, and submitted in writing (a) by email to protest-mmo@mmo.state.sc.us , (b) by post or delivery to 1201 Main Street, Suite 600, Columbia, SC 29201. [02-2B122-1]

NO PUBLIC OPENING

No public opening will be held for Requests for Quotations.

SIGNING YOUR OFFER (MODIFIED)

A quote may be submitted via email by an authorized agent with authority to bind the Offeror.

AWARD TO ONE OFFEROR (JAN 2006):

Award will be made to one Offeror. [06-6040-1]