



**Invitation for Bid
Amendment #1**

Solicitation Number	190715-545-14306-07/31/19
Date Printed	07/29/19
Date Issued	07/29/19
Procurement Officer	Wendy Dennis
Phone	(843) 574-6065
E-mail Address	wendy.dennis@tridenttech.edu

DESCRIPTION: CMM Electronic Equipment for the SC Aeronautical Training Center

The Term "Offer" Means Your "Bid" or "Proposal".

SUBMIT OFFER BY (Opening Date/Time): **08/15/19 @ 2:00 PM EST** See "Deadline For Submission Of Offer" provision

QUESTIONS MUST BE RECEIVED BY: **08/07/19 @ 10:00 AM EST** See "Questions From Offerors" provision

NUMBER OF COPIES TO BE SUBMITTED: **1**

SUBMIT YOUR SEALED OFFER TO EITHER OF THE FOLLOWING ADDRESSES:

MAILING ADDRESS:

Trident Technical College
Procurement Office
PO Box 118067
Charleston, SC 29423
Fax: 843 574-6395

PHYSICAL ADDRESS

Trident Technical College
Procurement Office
Building 940, Suite G, Room 110
2050 Mabeline Rd. N. Chas SC 29406
See "Submitting Your Offer" provision

ALL MAIL IS PICKED UP FROM THE US POSTAL SERVICE ONCE DAILY AT AROUND 8:00 A.M. (EXCLUDING WEEKENDS AND HOLIDAYS).

CONFERENCE TYPE: DATE & TIME: As appropriate, see "Conferences - Pre-Bid/Proposal" & "Site Visit" provisions	LOCATION:
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AWARD & AMENDMENTS	Award will be posted at the Physical Address stated above on 08/16/19 . The award, this solicitation, and any amendments will be posted at the following web address: https://www.tridenttech.edu/about/departments/proc/ttc_solic.htm
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You must submit a signed copy of this form with Your Offer. By submitting a bid or proposal, 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.

NAME OF OFFEROR (Full legal name of business submitting the offer)	OFFEROR'S TYPE OF ENTITY: (Check one)
AUTHORIZED SIGNATURE (Person signing must be authorized to submit binding offer to enter contract on behalf of Offeror named above.)	<input type="checkbox"/> Sole Proprietorship <input type="checkbox"/> Partnership <input type="checkbox"/> Corporation (tax-exempt) <input type="checkbox"/> Corporate entity (not tax-exempt) <input type="checkbox"/> Government entity (federal, state, or local)
TITLE (Business title of person signing above)	<input type="checkbox"/> Other (See "Signing Your Offer" provision.)
PRINTED NAME (Printed name of person signing above)	DATE SIGNED

Instructions regarding Offeror's name: Any award issued will be issued to, and the contract will be formed with, the entity identified as the offeror above. An offer may be submitted by only one legal entity. The entity named as the offeror must be a single and distinct legal entity. Do not use the name of a branch office or a division of a larger entity if the branch or division is not a separate legal entity, *i.e.*, a separate corporation, partnership, sole proprietorship, etc.

STATE OF INCORPORATION (If Offeror is a corporation, identify the state of Incorporation.)

TAXPAYER IDENTIFICATION NO. (See "Taxpayer Identification Number" provision)

PAGE TWO

(Return Page Two with Your Offer)

HOME OFFICE ADDRESS (Address for offeror's home office / principal place of business)	NOTICE ADDRESS (Address to which all procurement and contract related notices should be sent.) (See "Notice" clause) _____ Address _____ Area Code – Number – Extension Facsimile _____ E-mail Address
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PAYMENT ADDRESS (Address to which payments will be sent.) (See "Payment" clause) _____ Payment Address same as Notice Address (check only one) _____ Payment Address same as Home Office Address	ORDER ADDRESS (Address to which purchase orders will be sent) (See "Purchase Orders and "Contract Documents" clauses) _____ Order Address same as Home Office Address _____ Order Address same as Notice Address (check only one)
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ACKNOWLEDGMENT OF AMENDMENTS
 Offeror acknowledges receipt of amendments by indicating amendment number and its date of issue. (See "Amendments to Solicitation" Provision)

Amendment No.	Amendment Issue Date	Amendment No.	Amendment Issue Date	Amendment No.	Amendment Issue Date	Amendment No.	Amendment Issue Date

DISCOUNT FOR PROMPT PAYMENT (See "Discount for Prompt Payment" clause)	10 Calendar Days (%)	20 Calendar Days (%)	30 Calendar Days (%)	_____ Calendar Days (%)
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PREFERENCES - A NOTICE TO VENDORS (SEP. 2009): On June 16, 2009, the South Carolina General Assembly rewrote the law governing preferences available to in-state vendors, vendors using in-state subcontractors, and vendors selling in-state or US end products. This law appears in Section 11-35-1524 of the South Carolina Code of Laws. A summary of the new preferences is available at www.procurement.sc.gov/preferences. ***ALL THE PREFERENCES MUST BE CLAIMED AND ARE APPLIED BY LINE ITEM, REGARDLESS OF WHETHER AWARD IS MADE BY ITEM OR LOT. VENDORS ARE CAUTIONED TO CAREFULLY REVIEW THE STATUTE BEFORE CLAIMING ANY PREFERENCES. THE REQUIREMENTS TO QUALIFY HAVE CHANGED. IF YOU REQUEST A PREFERENCE, YOU ARE CERTIFYING THAT YOUR OFFER QUALIFIES FOR THE PREFERENCE YOU'VE CLAIMED. IMPROPERLY REQUESTING A PREFERENCE CAN HAVE SERIOUS CONSEQUENCES.*** [11-35-1524(E)(4)&(6)]

****PREFERENCES DO NOT APPLY TO ALL ITEMS PER SOUTH CAROLINA PROCUREMENT CODE SECTION [§11-35-1524(E)(3)]****

_____ In-State Office Address same as Home Office Address
 _____ In-State Office Address same as Notice Address **(check only one)**

Bidders shall acknowledge receipt of this Amendment prior to date and time specified in the solicitation, or as amended, by one of the following methods: (1) by signing and returning the Amendment, (2) by letter, or (3) by submitting a bid that indicates in some way that the bidder received the amendment. Failure of your acknowledgement to be received at the issuing office prior to date and time specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided such telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. **The college will not accept faxed amendments.**

THE SOLICITATION IS AMENDED AS PROVIDED HEREIN. INFORMATION OR CHANGES RESULTING FROM QUESTIONS WILL BE SHOWN IN A QUESTION-AND-ANSWER FORMAT. ALL QUESTIONS RECEIVED HAVE BEEN REPRINTED BELOW. THE "STATE'S RESPONSE" SHOULD BE READ WITHOUT REFERENCE TO THE QUESTIONS. THE QUESTIONS ARE INCLUDED SOLELY TO PROVIDE A CROSS-REFERENCE TO THE POTENTIAL OFFEROR THAT SUBMITTED THE QUESTION. QUESTIONS DO NOT FORM A PART OF THE CONTRACT; THE "STATE'S RESPONSE" DOES. ANY RESTATEMENT OF PART OR ALL OF AN EXISTING PROVISION OF THE SOLICITATION IN AN ANSWER DOES NOT MODIFY THE ORIGINAL PROVISION EXCEPT AS FOLLOWS: UNDERLINED TEXT IS ADDED TO THE ORIGINAL PROVISION. STRICKEN TEXT IS DELETED.

Except as provided herein all terms and conditions of the document referenced as heretofore changed remain unchanged and in full force and effect.

Solicitation #: **190715-545-14306-07/31/19**

Title: **CMM Electronic Equipment for the SCATC**

Is hereby amended as follows:

Changes not related to questions:

SUBMIT OFFER BY (Opening Date/Time): 07/31/19 @ 2:30 PM EDT

SUBMIT OFFER BY (Opening Date/Time): 08/15/19 @ 2:00 PM EDT

1. On page 17, section III. Scope of Work/Specifications

Delete the following items:

Lot 2

Item 1: ~~5 Axis CNC Milling Centers with 5th Axis Servomotor Drive and Rotary Control (Reference: Haas VF-2SS/TR160)~~

- ~~• Minimum Travels:
 - ~~○ X Axis 30.0"~~
 - ~~○ Y Axis 16.0"~~
 - ~~○ Z Axis 20.0"~~
 - ~~○ Spindle nose to table max 24.0"~~
 - ~~○ Spindle nose to table min 4.0"~~~~
- ~~• CT option~~
- ~~• M-Code/MFIN Cable Assy~~
- ~~• 12,000 rpm spindle, 40 taper, 30 hp (22.4 kW) vector drive, inline direct drive; with balanced toolholders with G2.5 rating above 10,000~~
- ~~• Minimum 1GB Standard Program Memory~~
- ~~• 55 Gallon (208 liter) Coolant Tank with .75 hp (0.6 kW) pump~~
- ~~• Auto Door~~

- Early Power Failure Detection Module
 - Ethernet Interface
 - Remote monitoring capable when connected to the Internet
 - Media Display M Code; M-130 within NC program to call up media files (images, videos, PDF files) from memory and display them on the control screen as the program runs. NextGen Control only.
 - Rigid Tapping
 - High Speed Side Mount Tool Changer, 40 taper, 30 + 1 tools
 - Wifi connection for controller
 - Airgun activated feature for clearing coolant from the machine's window during machining
 - 8 spare M functions
 - Visual Part Programming System
 - User Definable Macros
 - Spindle Orientation
 - Coordinate Rotation and Sealing
 - Through Spindle Coolant, 300 psi
 - 4th Axis Drive and Wiring
 - 5th Axis Drive and Wiring
 - Wireless Intuitive Probing System: Renishaw, with visual programming, macros, spindle orientation, and coordinate rotation and sealing (to include installation and calibration)
 - Chip Auger
 - Automatic Pallet Changer Ready; including 8 Spare M Functions option, Macros, and M Code/MFIN Cable
 - Enclosure Exhaust System
 - High Intensity Lighting
 - Programmable Coolant Nozzle
 - Through Tool Air Blast
 - 32 GB Expanded Memory
 - High Speed Machining
 - Auxiliary Coolant Filtering
 - Rotary Axis Calibration Tool
 - 10 Pull Studs, CT40 for through-spindle coolant: 5/8" – 11 threads
 - 5th Axis Servomotor Drive and Rotary Control
- The major machining components (bed, trunnion table, etc.) must be constructed of high tensile strength (40,000#), stress relieved, alloyed cast iron.
- The machine must include the following safety features:
 - Emergency stop button and alarm indicator on operations panel
 - Fluid levels are interlocked to prevent operation in the event of low levels
 - Full enclosure guarding with door interlock
 - Warning and alert signage on the machine tool
 - Minimum Warranty: 1 Year

Replace with the following item:

Lot 2

Item 1: 3D Scanning System Reference: Zeiss Comet 5M

A free-standing, production grade 3D scanning system for 3D data acquisition. The system must include the following technical specifications:

- Minimum pixel projector unit: 5 Mpixel
- Software system for 3D data acquisition, analysis, and export to STL, AutoCAD, SolidWorks, and CATIA files Reference: Zeiss Colin3D
- Lens Systems:
 - 255mm x 211mm x 140mm – Min. point spacing: 105µm
 - 481mm x 404mm x 250mm – Min. point spacing: 196 µm

- Calibration plates for each lens system that includes ISO traceable certificate, CD, and positioning template
- Minimum working distance: 760mm
- Height adjustable and portable tripod on wheels
- Rotary table with the following minimum capabilities:
 - 100 kg max load
 - 400mm diameter
 - Weighs less than or equal to 20 kg
 - Includes magnetic rubber mat
- Laptop must meet the below minimum specifications
 - Windows 10 64-bit Operating System
 - 32GB Memory
 - 17" Display
 - (2) 1TB hard drive
 - 512GB SSD hard drive
- Minimum Warranty: One-year
- After installation contractor shall demonstrate equipment at a mutually agreed upon time. Offeror must include all costs for travel expenses associated with travel to the College to provide the on-site training in his offer.