 <p>Invitation for Bids Amendment #1</p>	Solicitation Number	TCTC-22-Wilson RTU's
	Date Issued	5/12/2022
	Procurement Officer	Matt Whitten
	Phone	(864) 646-1633
	E-Mail Address	mwhitten@tctc.edu

DESCRIPTION: **This solicitation is for the purchase and installation of 3 HVAC Roof Top Units.**

USING GOVERNMENTAL UNIT: **Tri-County Technical College**

The Term "Offer" Means Your "Bid" or "Proposal". Your offer must be submitted in a sealed package. Solicitation Number & Opening Date must appear on package exterior. See "Submitting Your Paper Offer or Modification" provision.

SUBMIT YOUR SEALED OFFER TO EITHER OF THE FOLLOWING ADDRESSES:	
MAILING ADDRESS: TRI-COUNTY TECHNICAL COLLEGE PURCHASING OFFICE PO Box 587 Pendleton SC 29670-8876	PHYSICAL ADDRESS: TRI-COUNTY TECHNICAL COLLEGE PURCHASING OFFICE – RH 280 7900 Highway 76 Pendleton SC 29670-8876

SUBMIT OFFER BY (Opening Date/Time): **6/1/2022 2:00 PM** (See "Deadline For Submission Of Offer" provision)

QUESTIONS MUST BE RECEIVED BY: **5/20/2022 10:00 AM** (See "Questions From Offerors" provision)

NUMBER OF COPIES TO BE SUBMITTED: **One (1) Original in Hardcopy and One Copy (Marked Copy).**

CONFERENCE TYPE: Pre-Bid – Non-Mandatory DATE & TIME: 5/19/2022 11AM EST. <small>(As appropriate, see "Conferences - Pre-Bid/Proposal" & "Site Visit" provisions)</small>	LOCATION: Tri-County Technical College Physical Plant Conference Room 7900 Highway 76 Pendleton SC 29670-8876
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------

AWARD & AMENDMENTS	Award will be posted at http://www.tctc.edu/Content/About_TCTC/PurchasingSolicitation/Award_Postings.xml on or around 6/3/2022 . The award, this solicitation, and any amendments will also be posted on the website above.
-------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

You must submit a signed copy of this form with Your Offer. By signing, 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. (See "Signing Your Offer" provision.)

NAME OF OFFEROR <small>(full legal name of business submitting the offer)</small>	Any award issued will be issued to, and the contract will be formed with, the entity identified as the Offeror. 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.
AUTHORIZED SIGNATURE <small>(Person must be authorized to submit binding offer to contract on behalf of Offeror.)</small>	DATE SIGNED
TITLE <small>(business title of person signing above)</small>	STATE VENDOR NO. <small>(Register to Obtain S.C. Vendor No. at www.procurement.sc.gov)</small>
PRINTED NAME <small>(printed name of person signing above)</small>	STATE OF INCORPORATION <small>(If you are a corporation, identify the state of incorporation.)</small>

OFFEROR'S TYPE OF ENTITY: (Check one)	(See "Signing Your Offer" provision.)
<input type="checkbox"/> Sole Proprietorship <input type="checkbox"/> Partnership <input type="checkbox"/> Other _____ <input type="checkbox"/> Corporate entity (not tax-exempt) <input type="checkbox"/> Corporation (tax-exempt) <input type="checkbox"/> Government entity (federal, state, or local)	

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)
	Area Code - Number - Extension Facsimile
	_____ E-mail Address

PAYMENT ADDRESS (Address to which payments will be sent.) (See "Payment" clause)	ORDER ADDRESS (Address to which purchase orders will be sent) (See "Purchase Orders and "Contract Documents" clauses)
____ Payment Address same as Home Office Address ____ Payment Address same as Notice Address (check only one)	____ Order Address same as Home Office Address ____ Order Address same as Notice Address (check only one)

ACKNOWLEDGMENT OF AMENDMENTS

Offerors 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 (%)
------------------------------------------------------------------------	----------------------	----------------------	----------------------	-------------------------

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 – ADDRESS AND PHONE OF IN-STATE OFFICE: Please provide the address and phone number for your in-state office in the space provided below. An in-state office is necessary to claim either the Resident Vendor Preference (11-35-1524(C) (1) (i) & (ii)) or the Resident Contractor Preference (11-35-1524(C) (1) (iii)). Accordingly, you must provide this information to qualify for the preference. An in-state office is not required, but can be beneficial, if you are claiming the Resident Subcontractor Preference (11-35-1524(D)).*

* All contractors should note that including preference calculations after each item in the bid schedule as shown in Section VIII does not guarantee that preferences will be applied to each line item. Preferences may or may not have any effect in the calculation of the low bid. The application of preference is determined by certain different qualifying criteria being met. (See Section 11-35-1524 (E3) of the S.C. Consolidated Procurement Code for more details)

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

Amendment #1

This amendment includes a drawing sheet that previously had an inadvertent missing term on page four of the attached drawing. The entire updated page four is below and the added language is listed below for reference.

TEST AND BALANCE

PROVIDE INDEPENDENT NEBB CERTIFIED TEST AND BALANCE AGENCY TO PERFORM HVAC AIR BALANCE OF THE FOLLOWING SYSTEMS:

RTU-1 THRU 3. TEST AND ADJUST TO DESIGN SUPPLY, RETURN, AND OUTSIDE AIRFLOWS.

MECHANICAL SPECIFICATIONS

MECHANICAL GENERAL PROVISIONS

COORDINATION OF MECHANICAL WORK:

GENERAL: IT IS RECOGNIZED THAT THE CONTRACT DOCUMENTS ARE DIAGRAMMATIC IN SHOWING CERTAIN PHYSICAL RELATIONSHIPS WHICH MUST BE ESTABLISHED WITHIN THE MECHANICAL WORK, AND IN ITS INTERFACE WITH OTHER WORK INCLUDING UTILITIES AND ELECTRICAL WORK, AND THAT SUCH ESTABLISHMENT IS THE EXCLUSIVE RESPONSIBILITY OF THE CONTRACTOR.

QUALITY ASSURANCE, STANDARDS AND SYMBOLS:

GENERAL: THE FOLLOWING STANDARDS ARE IMPOSED, AS APPLICABLE TO THE WORK IN EACH INSTANCE:
 INTERNATIONAL BUILDING CODE (IBC), 2018 EDITION
 NFPA CODE
 INTERNATIONAL ENERGY CONSERVATION CODE (IECC), 2009 EDITION
 INTERNATIONAL MECHANICAL CODE (IMC) 2018 EDITION
 NATIONAL ELECTRICAL CODE, NFPA 70

ELECTRICAL PROVISIONS OF MECHANICAL WORK:

WIRING: THE CONTRACTOR IS RESPONSIBLE FOR ALL CONTROL WIRING. ALL CONTROL WIRING SHALL BE IN CONDUIT.

SYSTEMS INSULATION

DESCRIPTION:

DUCTWORK:

EXTENT OF INSULATION WORK IS INDICATED AS DESCRIBED HEREIN. IN GENERAL, THE WORK TO INCLUDE INSULATING ALL NEW SUPPLY/RETURN DUCT THAT CONNECTS TO HVAC EQUIPMENT.

DUCT INSULATION SHALL COMPLY WITH PARAGRAPH 803.2.8 IN THE 2009 INTERNATIONAL ENERGY CONSERVATION CODE.

DUCTWORK SHALL BE INSULATED WITH 2" THICK TYPE OWENS CORNING FRK-25 SERIES ED150 DUCT WRAP (1.5 PCF). SEAL INSULATION JOINTS WITH FIRE RETARDANT MASTIC.

DUCTWORK

ALL SHEET METAL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS STIPULATED IN THE CURRENT ISSUE OF NFPA PAMPHLET NO. 90.

SHEET METAL CONSTRUCTION: DUCTWORK SHALL BE CONSTRUCTED OF GALVANIZED STEEL. GAUGES (U.S. STANDARDS) OF METAL WHICH SHALL BE USED, TOGETHER WITH THE TYPE OF JOINTS AND METHODS OF STIFFENING AND BRACING FOR VARIOUS SIZE DUCTS SHALL BE AS FOLLOWS:

FABRICATION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF SMACNA HVAC DUCT CONSTRUCTION STANDARDS FOR THE CLASS AND STATIC PRESSURES REQUIRED.

ALL DUCTS SHALL HAVE ALL SEAMS AND JOINTS SEALED AIRTIGHT WITH UNITED SHEET METAL SEALER TO BE APPLIED AS PER MFG. BULLETIN DS-3. NO DUCT TAPE WILL BE ALLOWED.

DUCT HANGERS AND SUPPORTS: SHALL BE EITHER STRAP HANGERS OR TRAPEZE HANGERS PROPERLY SECURED TO THE BUILDING CONSTRUCTION. STRAP HANGERS, METAL ATTACHED TO DUCTS, SHALL BE FASTENED TO SUPPORTING MEMBER BY CLAMPS, ANCHOR BOLTS, OR METAL SCREWS WHICHEVER IS MOST APPLICABLE.

FUEL GAS PIPING AND EQUIPMENT

COMPLY WITH APPLICABLE PROVISIONS OF "NATIONAL FUEL GAS CODE", ANSI Z 223.1 (NFPA STANDARD NO. 54). PIPE SIZE 2" AND SMALLER: BLACK STEEL PIPE, SCHEDULE 40, SOCKET WELDED JOINTS AND FITTINGS. PIPING LOCATED OUTDOORS SHALL RECEIVE 2 COATS OF RUST PREVENTATIVE PAINT.

BUILDING AUTOMATION:

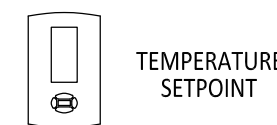
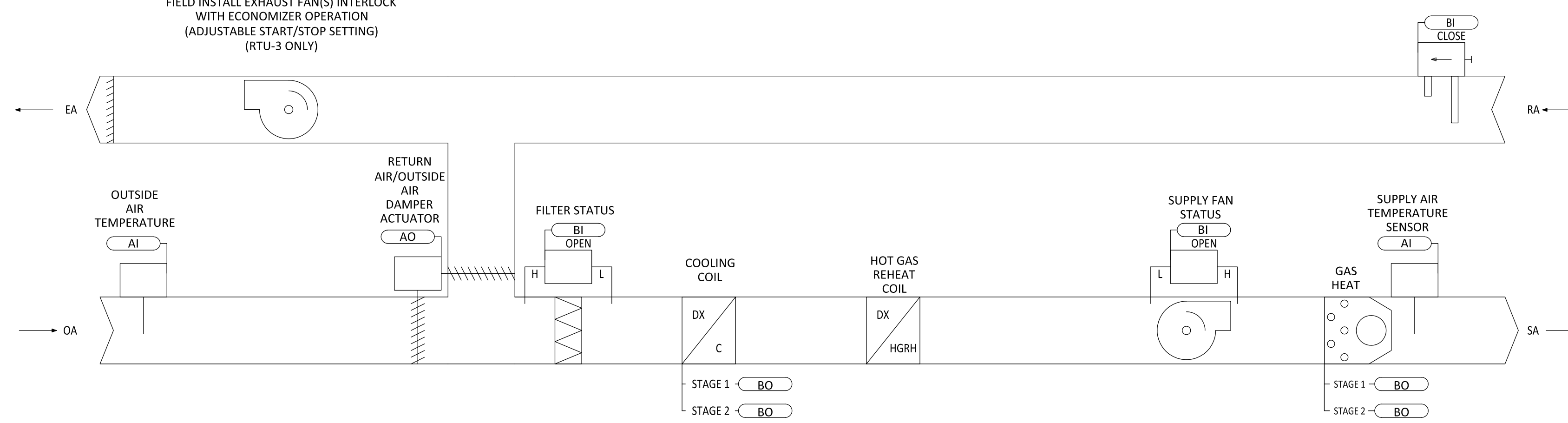
NEW ROOFTOP UNITS SHALL CONNECT AND INTERLOCK TO EXISTING "AUTOMATED LOGIC" BUILDING AUTOMATION SYSTEM, INCLUDING REQUIRED SHUTDOWN INTERLOCK WIRING FROM SMOKE DETECTOR, TEMPERATURE, AND HUMIDITY SENSOR WIRING. IN ADDITION, CONTROLS SUBCONTRACTOR SHALL CONNECT NEW "BACNET" INTERFACES ON RTU'S TO EXISTING "AUTOMATED LOGIC" SYSTEM.

TEST AND BALANCE

PROVIDE INDEPENDENT NEBB CERTIFIED TEST AND BALANCE AGENCY TO PERFORM HVAC AIR BALANCE OF THE FOLLOWING SYSTEMS:
 RTU-1 THRU 3. TEST AND ADJUST TO DESIGN SUPPLY, RETURN, AND OUTSIDE AIRFLOWS.

FIELD INSTALL EXHAUST FAN(S) INTERLOCK WITH ECONOMIZER OPERATION (ADJUSTABLE START/STOP SETTING) (RTU-3 ONLY)

RETURN AIR DUCT SMOKE DETECTOR (INTERLOCK WITH RTU FOR SHUTDOWN), WIRING TO FIRE ALARM PANEL BY ELEC. CONTRACTOR



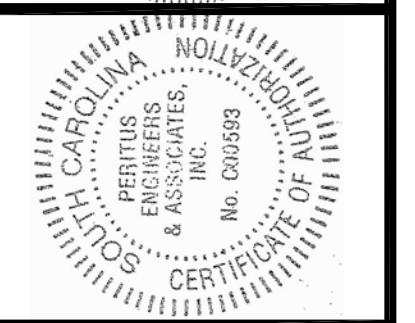
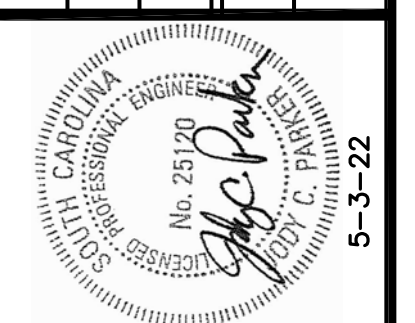
RTU-3 CONTROLS SCHEMATIC (SINGLE ZONE CONSTANT VOLUME WITH HOT GAS REHEAT)

NO SCALE

SIMILAR FOR RTU-1/RTU-2 EXCEPT WITH ENERGY RECOVERY OPTION INTERLOCK

This drawing is the property of Peritus Engineers & Associates, Inc. and shall not be used or reproduced without their written permission. © 2022 PERITUS ENGINEERS & ASSOCIATES, INC.

NO.	DATE	BY	DESCRIPTION
1	5-19-22	SEM	DRAWING CLARIFICATION
0	5-3-22	SEM	ISSUED FOR BID



ROOFTOP UNIT REPLACEMENTS FOR WILSON HALL CLASSROOM AREAS
 PENDLETON, SOUTH CAROLINA

DESIGN	SEM	DRAWN	TCM
CHECKED	JCP	DATE	3-23-22
JOB NO.			
SHEET	M-3		
3 OF 3 SHEETS			