

Blount County Government  
Budget Amendment Request

FY 23-24

Department: Education Capital  
Account: 177-91300

Type of Amendment: (check one)

- ☐ **Transfer** (no overall change to adopted budget)  
☐ **Decrease** (reducing adopted budget due to unforeseen effect on "revenue" or "expense")  
☒ **Increase** (raising adopted budget due to unforeseen effect on "revenue" or "expense")  
☐ **Adjustment** (correction to adopted budget due to "grant award" or "budgetary adjustment")

\*\*\*If an Increase or Decrease, a memo explaining the need or purpose MUST accompany amendment form\*\*\*

	Account Number	Description	Amount
TO	177-91300-571200	Heating and Air Conditioning	\$347,800
		TOTAL	\$347,800

	Account Number	Description	Amount
FROM			
		TOTAL	\$0

Explanation: Appropriate funds for HVAC Controls at Eagleton College & Career Academy - MSA 20224M0012 and TIPS Agreement 231002

*Kristi Yates 3/26/24*

Signature of Official/Department Head/Date

Signature of County Mayor/Date

\*All requests requiring committee approval are due to Sr. Financial Analyst's Office by noon on the Tuesday before the Budget Committee Meeting.

**Annex A-1 of MSA No. 2024M0012**  
**STATEMENT OF WORK – ECCA HVAC CONTROLS PROVISIONING**

This Annex A-1, named “**Statement of Work (SOW) – ECCA HVAC CONTROLS PROVISIONING**”, defines the works (“**Services**”) to be performed by HSC LLC dba HSC BUILDING AUTOMATION AND CONTROLS (hereinafter called “**HSC**”) for **BLOUNT COUNTY BOARD OF EDUCATION** (hereinafter called the “**SCHOOL BOARD**”).

**I. THE PROJECT**

The Services under this SOW, being performed under Contract Number C20240129 named as “**SOW – ECCA HVAC Controls Provisioning**” (hereinafter referred to as the “**SOW**”), are for the purpose of provisioning HVAC Controls in Eagleton College Career Academy (ECCA) (hereinafter referred to as the “**Project**”).

This SOW shall be operating under the terms and conditions of the Master Service Agreement (MSA) No. 2024M0012, dated February 20, 2024, that the SCHOOL BOARD and HSC executed and the TIPS Agreement No. 231002 Energy and Water Efficiency Goods and Services. In case of any conflict amongst the MSA, TIPS Agreement and this SOW, the terms and conditions of the MSA shall prevail.

**II. SERVICES**

The details of the works for the Project (“**Services**”) shall be as detailed in the Proposal No. #23-0048 dated January 29, 2024 submitted by HSC to the SCHOOL BOARD, herein attached and incorporated in this SOW as Annex A-1a.

**III. EFFECTIVITY AND DURATION OF THE SOW**

This SOW shall be effective on the last date the Parties signed this SOW (“**Effective Date**”) and shall continue to be in full force and effect until the final invoice for the Project has been approved and paid, but in no case later than June 30, 2024. Notwithstanding the foregoing, the Parties herein may renew this SOW for the period needed to finish, invoice and pay for the Project, which intent to renew and the duration of the renewed period shall be agreed in writing by the Parties at least thirty (30) days prior to June 30, 2024.

**IV. FEES**

- A. The SCHOOL BOARD shall pay HSC for the Services covered by this SOW in the total amount of **Three Hundred Forty-Seven Thousand Eight Hundred Dollars (\$347,800.00)**.
- B. In case additional services appear to be in the interest of the Project, HSC shall submit recommendations to the SCHOOL BOARD prior to proceeding with any services beyond the scope of this SOW. The fees payable to HSC shall not exceed the above-mentioned fees without written authorization from the SCHOOL BOARD.

Contract No. C20240129  
SOW – ECCA HVAC Controls Provisioning

**V. INVOICING AND PAYMENT**

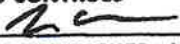
- A. HSC shall invoice the SCHOOL BOARD monthly for the works performed and allowed expenses incurred for the Project.
- B. In addition to the provisions in this SOW, the provisions in Clause X (Payment) of the MSA shall likewise apply.

**VI. INSURANCE**

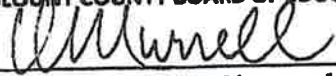
- A. At no cost to the SCHOOL BOARD, HSC shall carry insurance coverage as specifically required in the attached Certificate of Liability Insurance ("COL"; "Attachment A-1b"). HSC shall also ensure that the other pertinent insurance documents required by the SCHOOL BOARD's Insurance certificate tracking system be submitted to and in a form satisfactory to the SCHOOL BOARD.
- B. HSC shall furnish the SCHOOL BOARD the Performance Bond and Payment Bond equal to 100% of the Contract Sum. Bonds may also be in the form of cash, bank letter of credit, or certified check made out to Blount County Trustee. Bonds must be provided to the SCHOOL BOARD within ten (10) business days from the signing of this SOW.
- C. In addition to the provisions in this Annex A-1, the provisions in Clause XVI (Insurance) of the MSA shall apply.

IN WITNESS WHEREOF, the Parties herein signed this Agreement on the date written below.

HSC LLC dba HSC BUILDING AUTOMATION  
AND CONTROLS

By: \_\_\_\_\_  
By: JOHN HUGHES – Vice President  
Date: 2/20/24

BLOUNT COUNTY BOARD OF EDUCATION

\_\_\_\_\_  
By: DAVID MURRELL – Director of Schools  
Date: 02/21/24

BLOUNT COUNTY GOVERNMENT

\_\_\_\_\_  
By: CHARLES B. RAFFORD – Purchasing Agent  
Date: 2/21/2024



Authorized Dealer of  
**AutomatedLogic**

## Proposal

#23-0048

Date: 1/29/24

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Blount County Schools Purchasing  
Attn: Lisa Dyring

**Project Name: Blount County Schools HVAC Controls Proposal  
(Eagleton College/Career Academy – Updated for 2024)**

Lisa,  
HSC is pleased to provide you with the following proposal to provide Automated Logic Controls for the location mentioned above. The below mentioned shall be provided should proposal be accepted.

**Eagleton College/Career Academy** - Existing controls shall be replaced for the following equipment:

- (46) WSHP's
- (10) HP's
- (2) MUA's w/associated EF
- (1) Loop Control Panel for two Boilers, one Closed Circuit Cooler and two Pumps
- (3) Gym RTU's

**-WSHP's and HPs control points to be provided:**

- \*Fan Status
- \*SAT
- \*Zone temp, set adj & override
- \*Compressor Status
  
- \*Fan S/S
- \*Compressor Enable/Disable
- \*Rev. Valve
- \*Electric Heat
- \*OA Damper

**-Controllers shall be furnished/installed in a Nema 1 enclosure. Each controller shall have a digital zone temp sensor, discharge air temp sensor and a current transformer for fan and compressor status.**

**HSC Building Automation & Controls**

[www.hscbac.com](http://www.hscbac.com)

Knoxville Office:  
3511 Papermill Dr. NW  
Knoxville TN, 37909

Chattanooga Office:  
6441 Bonny Oaks Drive, Suite E  
Chattanooga TN, 37416



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**AutomatedLogic**

Existing OA damper motors shall be reused and are assumed in working condition. New wire shall be pulled for the new zone thermostats. It is the intent to reuse the remaining control wire for terminations to the control devices. Note that two classroom units shall be monitored/operated off one controller. Five (5) controllers have already been installed back in the summer of '23 to take over some units.

**-MUA-1/EF-27 & 28 and MUA-2/EF-25 & 26 control points to be provided:**

- \*Zone temp, set adj & override
- \*Fan Status
  
- \*Fan S/S
- \*Gas Burner Enable/Disable

-Controller, digital zone temp sensors and current transformers shall be provided/installed. New thermostat cable shall be run. Existing wiring shall be reused as much as possible.

**-Gym RTU control points to be provided:**

- \*Zone temp, set adj & override
- \*Fan Status
- \*SAT
- \*RAT
- \*SASD Status
- \*RASD Status
- \*Comp 1 Status
- \*Comp 2 Status
  
- \*Fan S/S
- \*Compressor 1
- \*Compressor 2
- \*Gas Reheat
- \*Economizer

-Controllers shall be housed in Nema 3 enclosures. Digital Zone Temp sensors and current transformers shall be provided/installed. New thermostat cable shall be run. Existing control wiring shall be reused as much as possible. The existing damper actuators for the economizer shall be reused and are assumed to be in working condition.

**-WSHP Loop control points to be provided:**

- \*Boiler 1 Status
- \*Boiler 2 Status
- \*Boiler 1 HWST

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AutomatedLogic

- \*Boiler 2 HWST
- \*Converter Supply Temp
- \*CCC CWST
- \*OAT
- \*OARH
- \*Loop S. Temp
- \*Loop R. Temp
- \*Pump 1 Status
- \*Pump 2 Status

- \*Boiler 1 Enable/Disable
- \*Boiler 2 Enable/Disable
- \*Pump 1 S/S
- \*Pump 2 S/S
- \*CCC Enable/Disable
- \*Steam Valve 1
- \*Steam Valve 2

-Controllers shall be installed in a Nema 1 enclosure. All temperature sensors and current transformers shall be provided/installed as needed. Existing Steam Valves which are considered to be in working condition shall be reused and terminated back to the new control panel. Existing control wiring shall be reused as much as possible.

-All new controllers shall be networked via Cat 6 cable. The owner shall provide an IP address for remote access to the system.

**Standard HSC Project Applications shall be applied:**

- \*Engineering Drawings
- \*Custom programming to ALC and Customer standards
  - Equipment Optimization
  - Alarms Setup
  - Reports Setup
  - Trending Setup
  - Live Logic Page
- \*Custom graphics to ALC Customer standards
  - Equipment graphics
  - Central Plant graphics
    - \*\*Boilers
    - \*\*Closed Circuit Cooler

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AutomatedLogic

**\*\*Pumps**

- \*Startup and Commissioning on all control modules and points
- \*Project Management
- \*Free Customer Training provided at customers request (unlimited hours) – Onsite or at HSC Knoxville
- \*3-year standard warranty on ALC control modules

**Clarifications:**

- \*\*All existing damper actuators, valves, firestats, flow switches and vfd's shall be reused.
- \*\*Pricing based on walk through and the mechanical drawings that were provided for each location.
- \*\*Remote connectivity is dependent on IT policy and cooperation.
- \*\*All existing wiring and conduit shall be reused unless noted otherwise.
- \*\*Startup of controls will be performed by Controls Vendor and not via a 3<sup>rd</sup> party. If 3<sup>rd</sup> part commissioning is required, Controls Vendor will provide an additional cost.
- \*\*Work hours are to be done during normal business hours. After Hours, Weekends, and Holidays can be calculated at a different rate if required.
- \*\*Permits, and Payment/Performance Bonds are not included but can be provided at a cost.
- \*\*Existing controls that are removed shall be turned over to the owner.

**Exclusions:**

- Integration to any existing system not specifically detailed within our proposal is not included.
- Life Safety Controls, Fire/Fire-Smoke control dampers, HOA Switches, VFD's, VFD installation and wiring, disconnects, starters, 120v+ power wiring, smoke detectors, including associated wiring and interlocks are not included unless otherwise detailed within proposal.
- Remote connectivity is dependent o IT policy and cooperation
- Access panels, doors, painting, patch work
- Davis Bacon Wage
- Performance/Payment Bond, Permits

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**AutomatedLogic**

-Accelerated shipping costs

**Price Breakout for Tips:**

Installation(includes Program & Commissioning) Labor: 2304hrs @ \$115/hr =	\$264,960.00
ALC OF683-E2 qty. 49 @ \$1,228.00ea =	\$ 60,172.00
ALCOF561-E2 qty. 12 @ \$632.00ea =	\$ 7,584.00
ALC OFFBC qty. 1 @ \$4,010.00ea =	\$ 4,010.00
ALC FIO812u Qty. 1 @ \$2,628.00 =	\$ 2,628.00
ALC ZS2P-ALC qty. 61 @ \$84.00ea =	\$ 5,124.00
ALC NSB-10K-2-D-8-A qty. 102 @ \$22.00ea =	\$ 2,244.00
ALC NSB-10K-2-H200-O-BB2-A qty. 1 @ \$202.00ea =	\$ 202.00
ALC NSB-10K-2-S-A qty. 6 @ \$24.00ea =	\$ 144.00
ALC ZSD-B-8-6-B qty. 6 @ \$122.00ea =	\$ 732.00
<b>Total Covered by Tips:</b>	<b>\$347,800.00</b>
<b>TIPS Contract# 23100201</b>	

Sincerely,  
*Troy Storm*  
HSC Building Automation & Controls  
Knoxville, TN 37909

TN License# 67457 Exp. Date: 1-31-2026

Cc: John Hughes

**HSC Building Automation & Controls**

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# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

1/31/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Shafer Insurance Agency, Inc. 1100 Marion Street Suite 200 Knoxville TN 37921  License#: 5471 HSCLLC0-CL	<b>CONTACT NAME:</b> Jessica Brown <b>PHONE (A/C, No, Ext):</b> 865-292-1105 <b>E-MAIL ADDRESS:</b> jbrown@shaferinsurance.com <b>FAX (A/C, No):</b> 865-637-2247	
	<b>INSURER(S) AFFORDING COVERAGE</b>	
<b>INSURED</b> HSC, LLC 385 Echols Lane Lewisburg WV 24901	<b>INSURER A:</b> Encova <b>INSURER B:</b> Westfield Group <b>INSURER C:</b> <b>INSURER D:</b> <b>INSURER E:</b> <b>INSURER F:</b>	
	<b>NAIC #</b> 12372 24112	

## COVERAGES

CERTIFICATE NUMBER: 961400286

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
B	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	Y	Y	CWP363507F	9/7/2023	9/7/2024	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COM/OP AGG \$ 2,000,000 \$
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY	Y	Y	CWP363507F	9/7/2023	9/7/2024	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$	Y	Y	CWP363507F	9/7/2023	9/7/2024	EACH OCCURRENCE \$ 2,000,000 AGGREGATE \$ 2,000,000 \$
A	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	WCB1036245	7/12/2023	7/12/2024	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
B	Equipment Floater			CWP363507F	9/7/2023	9/7/2024	400,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
 Blount County Government and Blount County Board of Education is additional insured on the General, Auto and Umbrella liability policies.  
 General Liability, Auto Liability, and Umbrella Liability coverages are Primary and Noncontributory.  
 30 days' notice of cancellation is included in favor of additional insured. A waiver of subrogation applies in favor of additional insured

## CERTIFICATE HOLDER

## CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Blount County Government c/o MyCOI  
 1075 Broad Ripple Ave  
 Suite 313  
 Indianapolis IN 46220