

## INTENT TO SOLE SOURCE

### Automated Logic HVAC Controls

In accordance with §11-35-1560 (A) of the SC Consolidated Procurement Code, it is the intent of Tri-County Technical College to award without competition a sole source contract in accordance with Regulation 19-445.2105 (B) (5) to Harris Communications for the upgrade to our existing Automated Logic HVAC controls in our Miller Hall building.

Tri-County Technical College has an extensive Automated Logic Control System installed throughout the campus and Harris Communications is the only independent authorized dealer in our service area as stated by the manufacturer. The scope of this work is an extension of the existing system and only authorized the manufacturer to be completed by Harris Communications.

### Approved Control Systems

A. The following are approved control system suppliers, manufacturers, and product lines:

1. Automated Logic Corporation, WebCTRL Installed, Serviced and Maintained by Harris Integrated Solutions (Harris Integrated Solutions Representative Contact: Kevin Kimberly, [kevinkimberly@harrisisi.com](mailto:kevinkimberly@harrisisi.com))

### Ownership of Proprietary Material

- A. Project-specific software and documentation shall become Owner's property. This includes, but is not limited to:
- a. Graphics
  - b. Record drawings
  - c. Database
  - d. Application programming code
  - e. Documentation

### Scope of Work

#### Existing Automated Logic LGR Network

#### Items to be provided:

- Extension of Existing Automated Logic® WebCTRL® Energy Management System
- Replace existing obsolete controllers with new
- Replace existing Zone Sensors with New
- We will reuse existing panels and end devices where practical, replacing others as required to get the system fully upgraded
- Engineering, Programming and Graphics

### Front End Controllers

- OptiFlex BACnet Router
- Enclosure

### Anderson Hall - 4 AC Units, 16 VAV's

- AC-6A RET AIR CO2
- AC-6A MIXED AIR TEMP
- AC-6A SUP AIR TEMP
- AC-6A UNIT S/S

- AC-6A STATIC PRESSX10
- AC-6A morning warm up
- AC-6A OA DAMPER
- AC-6B MIXED AIR TEMP
- AC-6B RET AIR CO2
- AC-6B STATIC PRESSX10
- AC-6B SUP AIR TEMP
- AC-6B UNIT S/S
- AC-6B morning warm up
- AC-6B OA DAMPER
- AC 7 Exhaust Fan 2
- AC 7 Heating Stage 1
- AC 7 Heating Stage 2
- AC 7 Fan Status
- AC 7 Supply Air Temp
- AC 7 Fan S/S
- AC 7 Cooling Stage 2
- AC 7 Cooling Stage 1
- AC 8 Fan Status
- AC 8 Cooling Stage 2
- AC 8 Fan S/S
- AC 8 Supply Air Temp
- AC 8 Heating Stage 1
- AC 8 Exhaust Fan 5
- AC 8 Heating Stage 2
- AC 8 Cooling Stage 1

#### **VAV Terminal Units (qty of 16)**

- Supply Air Temperature Sensor
- Supply Airflow
- VAV Damper Modulation
- Space Temperature Sensor with Space Temperature Adjustment with Override, no LCD

#### **Anderson Hall Event Center - 3 AC Units, 5 FCU's**

- Lower Lounge AH1 SUPPLY FAN S/S
- Lower Lounge AH1 FREEZE STAT
- Lower Lounge AH1 MIXED AIR TEMP
- Lower Lounge AH1 SUPPLY FAN FLOW
- Lower Lounge AH1 OA RA DAMPER
- Lower Lounge AH1 RELIEF DAMPER
- Lower Lounge AH1 CHW VALVE
- Lower Lounge AH1 DISC AIR TEMP
- Lower Lounge AH1 HW VALVE
- Upper Lounge AH2 DISC AIR TEMP
- Upper Lounge AH2 CHW VALVE
- Upper Lounge AH2 OA RA DAMPER
- Upper Lounge AH2 SUPPLY FAN S/S
- Upper Lounge AH2 FREEZE STAT

- Upper Lounge AH2 SUPPLY FAN FLOW
- Upper Lounge AH2 MIXED AIR TEMP
- Upper Lounge AH2 HW VALVE
- Human Resources AC-9 SUP FAN S/S
- Human Resources AC-9 STG 1 COOLING
- Human Resources AC-9 Humidity
- Human Resources AC-9 SUP AIR TEMP
- Human Resources AC-9 STG 1 HEATING
- Human Resources AC-9 SUP FAN STS
- Human Resources AC-9 DeHumid
- Human Resources AC-9 STG 2 COOLING
- Room 151 FC1 CW VALVE
- Room 151 FC1 DISC. AIR TEMP
- Room 151 FC1 U-NET COMM
- Room 151 FC1 HW VALVE
- Room 151 FC1 FAN S/S
- Upper Level Storage/FC2 CW VALVE
- Upper Level Storage/FC2 DISC. AIR TEMP
- Upper Level Storage/FC2 U-NET COMM
- Upper Level Storage/FC2 HW VALVE
- Upper Level Storage/FC2 FAN S/S
- Upper Level Storage/FC3 CW VALVE
- Upper Level Storage/FC3 DISC. AIR TEMP
- Upper Level Storage/FC3 U-NET COMM
- Upper Level Storage/FC3 HW VALVE
- Upper Level Storage/FC3 FAN S/S
- Upper Level Storage/FC4 CW VALVE
- Upper Level Storage/FC4 DISC. AIR TEMP
- Upper Level Storage/FC4 U-NET COMM
- Upper Level Storage/FC4 HW VALVE
- Upper Level Storage/FC4 FAN S/S
- Upper Level Storage FC-4A CW VALVE
- Upper Level Storage FC-4A DISC. AIR TEMP
- Upper Level Storage FC-4A U-NET COMM
- Upper Level Storage FC-4A HW VALVE
- Upper Level Storage FC-4A FAN S/S

#### **Pickens Building - 5 AHU's, 37 VAV's**

- AHU-1 Relief A. Damp.
- AHU-1 RA FAN VFD
- AHU-1 RET FAN ENABE
- AHU-1 SUP FAN VFD
- AHU-1 SF ENABLE
- AHU-1 RF.VFD FAULT
- AHU-1 SF.VFD FAULT
- AHU-1 SAFTIES
- AHU-1 OA DAMPER
- AHU-1 SUP AIR TEMP
- AHU-1 RA HUMIDITY

- AHU-1 MIXED AIR TEMP
- AHU-1 RET AIR TEMP
- AHU-1 BLDG STATIC.PRS
- AHU-1 HW VALVE
- AHU-1 SA STATIC.PRS
- AHU-1 RET.FAN STATUS
- AHU-1 SUP.FAN STATUS
- AHU-1 CHW VALVE
- AHU-2 SF.VFD FAULT
- AHU-2 OA DAMPER
- AHU-2 SAFTIES
- AHU-2 RF.VFD FAULT
- AHU-2 MIXED AIR TEMP
- AHU-2 RET AIR TEMP
- AHU-2 SUP AIR TEMP
- AHU-2 RA HUMIDITY
- AHU-2 RET.FAN STATUS
- AHU-2 SUP.FAN STATUS
- AHU-2 BLDG STATIC.PRS
- AHU-2 SA STATIC.PRS
- AHU-2 HW VALVE
- AHU-2 CHW VALVE
- AHU-2 RA DAMPER
- AHU-2 RA FAN VFD
- AHU-2 RET FAN ENABE
- AHU-2 SUP FAN VFD
- AHU-2 SF ENABLE
- AHU-3 SF.VFD FAULT
- AHU-3 SAFTIES
- AHU-3 OA DAMPER
- AHU-3 RF.VFD FAULT
- AHU-3 MIXED AIR TEMP
- AHU-3 RET AIR TEMP
- AHU-3 SUP AIR TEMP
- AHU-3 RA HUMIDITY
- AHU-3 RET.FAN STATUS
- AHU-3 SUP.FAN STATUS
- AHU-3 BLDG STATIC.PRS
- AHU-3 SA STATIC.PRS
- AHU-3 HW VALVE
- AHU-3 CHW VALVE
- AHU-3 RA DAMPER
- AHU-3 RA FAN VFD
- AHU-3 RET FAN ENABE
- AHU-3 SUP FAN VFD
- AHU-3 SF ENABLE
- AHU-4 SF.VFD FAULT
- AHU-4 SAFTIES
- AHU-4 OA DAMPER
- AHU-4 RF.VFD FAULT
- AHU-4 MIXED AIR TEMP

- AHU-4 RET AIR TEMP
- AHU-4 SUP AIR TEMP
- AHU-4 RA HUMIDITY
- AHU-4 RET.FAN STATUS
- AHU-4 SUP.FAN STATUS
- AHU-4 BLDG STATIC.PRS
- AHU-4 HW VALVE
- AHU-4 SA STATIC.PRS
- AHU-4 CHW VALVE
- AHU-4 RA DAMPER
- AHU-4 RA FAN VFD
- AHU-4 RET FAN ENABE
- AHU-4 SUP FAN VFD
- AHU-4 SF ENABLE
- AHU-5 SF.VFD FAULT
- AHU-5 OA DAMPER
- AHU-5 SAFTIES
- AHU-5 RF.VFD FAULT
- AHU-5 MIXED AIR TEMP
- AHU-5 RET AIR TEMP
- AHU-5 SUP AIR TEMP
- AHU-5 RA HUMIDITY
- AHU-5 RET.FAN STATUS
- AHU-5 SUP.FAN STATUS
- AHU-5 BLDG STATIC.PRS
- AHU-5 HW VALVE
- AHU-5 SA STATIC.PRS
- AHU-5 CHW VALVE
- AHU-5 RA DAMPER
- AHU-5 RA FAN VFD
- AHU-5 RET FAN ENABE
- AHU-5 SUP FAN VFD
- AHU-5 SF ENABLE

#### **VAV Terminal Units (qty of 37)**

- Supply Air Temperature Sensor
- Supply Airflow
- VAV Damper Modulation
- Space Temperature Sensor with Space Temperature Adjustment with Override, no LCD

#### **Pickens Hall**

- Integration Repair and Central Plant Control updates

#### **Cleveland Hall - 9 AC Units, 36 VAV's**

- RTU-1 CO2 Level
- RTU-1 Mixed Air Temp
- RTU-1 Return Air Temp

- RTU-1 SA Temp
- RTU-1 Static Pressure
- RTU-1 Filter Status
- RTU-1 Morning Warm-Up
- RTU-1 SF VFD Fault
- RTU-1 Smoke Detector
- RTU-1 OA Damper
- RTU-1 Static Press SP
- RTU-1 Supply Air CL Setpt
- RTU-1 Supply Air HT Setpt
- RTU-1 Cool/Heat Mode
- RTU-1 Exhaust Fan
- RTU-1 Occupied Mode
- RTU-1 RTU S/S
- RTU-2 CO2 Level
- RTU-2 Mixed Air Temp
- RTU-2 Return Air Temp
- RTU-2 SA Temp
- RTU-2 Static Pressure
- RTU-2 Filter Status
- RTU-2 Morning Warm-Up
- RTU-2 SF VFD Fault
- RTU-2 Smoke Detector
- RTU-2 OA Damper
- RTU-2 Static Press SP
- RTU-2 Supply Air CL Setpt
- RTU-2 Supply Air HT Setpt
- RTU-2 Cool/Heat Mode
- RTU-2 Occupied Mode
- RTU-2 RTU S/S
- RTU-3 CO2 Level
- RTU-3 Mixed Air Temp
- RTU-3 Return Air Temp
- RTU-3 SA Temp
- RTU-3 Static Pressure
- RTU-3 Filter Status
- RTU-3 Morning Warm-Up
- RTU-3 SF VFD Fault
- RTU-3 Smoke Detector
- RTU-3 OA Damper
- RTU-3 Static Press SP
- RTU-3 Supply Air CL Setpt
- RTU-3 Supply Air HT Setpt
- RTU-3 Cool/Heat Mode
- RTU-3 Exhaust Fan
- RTU-3 Occupied Mode
- RTU-3 RTU S/S
- AC-4 Zone Temp
- AC-4 CO2 Level
- AC-4 Discharge Temp
- AC-4 Mixed Air Temp

- AC-4 Return Air Temp
- AC-4 Filter Status
- AC-4 Smoke Detector
- AC-4 Sup Fan Status
- AC-4 Cooling 1 S/S
- AC-4 Cooling 2 S/S
- AC-4 Heating 1 S/S
- AC-4 OA Damper
- AC-4 Sup Fan S/S
- AC-5 Zone Temp
- AC-5 CO2 Level
- AC-5 Discharge Temp
- AC-5 Mixed Air Temp
- AC-5 Return Air Temp
- AC-5 Filter Status
- AC-5 Smoke Detector
- AC-5 Sup Fan Status
- AC-5 Cooling 1 S/S
- AC-5 Cooling 2 S/S
- AC-5 Heating 1 S/S
- AC-5 OA Damper
- AC-5 Sup Fan S/S
- AC-6 Discharge Temp
- AC-6 Mixed Air Temp
- AC-6 Return Air Temp
- AC-6 Zone RH
- AC-6 Zone Temp
- AC-6 Filter Status
- AC-6 Safeties
- AC-6 Sup Fan Status
- AC-6 Cooling 1 S/S
- AC-6 Cooling 2 S/S
- AC-6 Heating 1 S/S
- AC-6 Heating 2 S/S
- AC-6 OA Damper
- AC-6 Sup Fan S/S
- AC-7 Zone Temp
- AC-7 Zone Temp / Zone Temp
- AC-7 Discharge Temp
- AC-7 Mixed Air Temp
- AC-7 Return Air Temp
- AC-7 Filter Status
- AC-7 Safeties
- AC-7 Sup Fan Status
- AC-7 Cooling 1 S/S
- AC-7 Cooling 2 S/S
- AC-7 Heating 1 S/S
- AC-7 Heating 2 S/S
- AC-7 OA Damper
- AC-7 Sup Fan S/S
- AC-8 Zone Temp

- AC-8 Zone Temp / Zone Temp
- AC-8 Discharge Temp
- AC-8 Mixed Air Temp
- AC-8 Return Air Temp
- AC-8 Filter Status
- AC-8 Safeties
- AC-8 Sup Fan Status
- AC-8 Cooling 1 S/S
- AC-8 Heating 1 S/S
- AC-8 OA Damper
- AC-8 Sup Fan S/S

#### **VAV Terminal Units (qty of 36)**

- Supply Air Temperature Sensor
- Supply Airflow
- VAV Damper Modulation
- Space Temperature Sensor with Space Temperature Adjustment with Override, no LCD

#### **Clarifications**

- All work to be performed during normal working hours
- Work or Services not specifically stated in the Scope will not be included
- Included in this proposal
  - Commercial General Liability
  - Contractual Liability
  - Automobile Liability Workers Compensation and Employers' Liability

Bidder's right to protest as listed in Section 11-35-4210 in the South Carolina Consolidated Procurement Code applies to this announcement of a sole source procurement.

Protest to be filed with:

Chief Procurement Officer

Materials Management Office

1201 Main Street, Suite 600

Columbia, SC 29201

Facsimile: 803-737-0639

E-mail: [protest-mmo@mmo.sc.gov](mailto:protest-mmo@mmo.sc.gov)

If you are able to supply the above upgrades to meet the above criteria, please submit documentation that the above requirements are met. Responses will be accepted until March 10<sup>th</sup>, 2022 at 2:00 PM. Please submit all inquiries and responses to Matt Whitten at [mwhitten@tctc.edu](mailto:mwhitten@tctc.edu). This notice of intent and any amendments will be posted at the following web address: [www.tctc.edu/purchasing](http://www.tctc.edu/purchasing).