



**ADDENDUM No. 4**  
**Request for Qualifications (RFQ)**  
**19RFQ083 Building Automation System Controls**

January 11, 2019

**Item 1: Questions and Answers**

**Item 1:**

Questions and answers can be found at [Miller IDS](#) under 19RFQ083.



# ACR Engineering, Inc. Memorandum

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To: Rick Kaven  
Austin ISD

Date: 1-11-19

CC: Fernando Peña - AISD  
Julie Meadors, ACR Engineering, Inc.

From: Ricardo Troncoso, ACR Engineering, Inc.

Re: Responses to Proposer Questions  
Request for Qualifications 19RFQ083

Responses to questions received from Climatec, Trane, Automated Logic.

## A. Climatec

1. Question: Does AISD have any standardized BAS configurations for specific, specialized equipment to take into consideration? For example, is there a standardized, mandatory BAS controls configuration for DOAS units, Geothermal Heat Pumps? ETC.

Response: AISD has established guidelines for various types of systems which are published in the current version of the Project Development Manual.

2. Question: Can AISD provide examples of desired thin-client access and subsequent interface? Are there requirements and/or restrictions on proprietary operating systems, software licenses, and software applications?

Response: Only native internet browser-based interfaces that do not require plug-ins are acceptable. The system shall be capable of supported an unlimited number of clients using a standard Web browser such as Internet Explorer, Firefox or Chrome.

All software and licensing shall be as specified.

3. Question: Please provide further guidance surrounding required interoperability with existing facilities using legacy CSI/Inet and LON.

Response: No interoperability required as part of this RFQ.

4. Question: Please clarify that AISD does not allow manufacturers or vendors to use controllers that require proprietary licensing or software to perform any type of programming.

Response: This is not a requirement for equipment with on-board controls provided by the manufacturer, as long as equipment controls are fully BACNET compliant and certified.

5. Question: Please clarify that bidders will not be permitted to “bundle”, package, or combine both controls and equipment on their respective proposals. All proposals and bids regarding BAS shall be broken out with BAS and equipment as standalone scopes and prices This is the only way to facilitate fair and equal bidding practices. Otherwise, costs can be hidden and/or transferred from one side to another after bids have been submitted, and feedback received. Prohibiting “bundled” bids protects AISD’s investment, promotes fair and equal bid environment and eliminates the potential controversy over scope inclusions/gaps and post-bid price adjustments.

Response: Bidding procedures will be managed by the selected Construction Manager (at Risk) for each individual project and shall be conducted according to all laws and regulations. The District does not dictate these bidding procedures.

## **B. Trane**

1. Question: On page 8 under section 3.2.2.3 it mentions Appendix B and C. Did not find those in the RFQ package, please advise.

Response: Please disregard 3.2.2.3. The contract documents will be provided to the awarded vendor.

2. Question: Under section 3.2.2 -3 letter “e” requests System specifications –are product cut sheets acceptable in lieu of full Manuals, keeping in mind the maximum of 40 pages – manuals can be provided later if desired.

Response: The intent is to provide specification “cut sheets” for the products envisioned to be provided in response to this RFQ.

3. Question: 3.2.2-5 – letter “e” typical unit prices are requested are these for labor and material and would AISD provide an example of what would like to be quoted (i.e. tie in new Roof Top Unit to existing BAS, replace unit controller on existing VAV/FPB, etc).

Response: “Typical” unit prices to be provided for evaluation could include: (1) Local control unit; (2) terminal control unit; (3) sensors; (4) actuators.

## **C. ALC**

1. Question: Is it the intent to have one front end user interface for all facilities listed in section 1.2.1?

Response: This RFQ is for controls at the building level only, using a web-server as specified. A front-end user interface compatible with systems provided in accordance with this specification will be provided by the District under a separate contract.