



## Request for Proposals 21RFP060 Wireless Network Upgrades

| Date                 | Event  |
|----------------------|--|
| November 17 & 24     | Dates of public notice                       |
| November 30th        | Due date for questions by 5:00 pm            |
| December 3rd         | Questions and answers posted on our website  |
| <b>December 16th</b> | <b>RFP opening / due date at 2:00 pm CST</b> |

February 22nd

## **Checklist and Submission Guidelines**

This checklist is provided to help you conform to all form/document requirements stipulated in this solicitation and attached herein.  
(This is not a required form, it is not necessary to return this checklist with your proposal.)

### **Understanding the Proposal**

Completed

- Read entire RFP document, appendices and attachments
- Review AISD Policy and Provisions on our website: [Policy and Provisions](#)
- Attend pre-proposal conference (not required)
- Submit questions properly before deadline
- Review addenda, Q&A and other additional attachments
- Review Proposal Format section of RFP

### **Forms**

Completed | Required

- | Bid Certification
- | Notification of Criminal History of Contractor
- | Debarment, Suspension and Ineligibility Certification
- | Conflict of Interest Questionnaire (CIQ) – electronic
- | Strategic Partner Profile
- | EDGAR Vendor Certification
- | Software Vendor Certification Form

### **Submitting the Proposal**

Completed

- Prepare the proposal in the format specified and sign all required forms
- Submit proposal via email by RFP opening / due date and time

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## I. INTRODUCTION

The Austin Independent School District (herein after referred to as “AISD” or the “district”) is seeking proposals from firms qualified and experienced in providing (Wireless Network Upgrades).

The Austin Independent School District (herein after referred to as “AISD” or the “District”) is seeking proposals from firms qualified and experienced in providing and implementing campus wireless networks to accomplish the following: replacement of existing wireless network equipment with new Aruba (or equivalent) 802.11ax wireless network equipment. The network at each of approximately 30 campuses will be upgraded as described below under Scope of Service.

**Each Bidder, by submitting its proposal, agrees that the proposal is subject to the Austin ISD Policies and Provisions and agrees to comply with those conditions. Acceptance of a proposal will occur only when a contract is executed. Any contract will incorporate the Austin ISD Policies and Provisions and Standard Terms and Conditions and no commitment exists until a contract is executed by both parties.**

## II. HISTORICALLY UNDERUTILIZED BUSINESS (H



Proposal shall respond to the request “Vendor Response” at the end of each sub-sections A – M, of section **VI - Scope of Service and Performance Requirements**.

- Vendor shall check the box next to “Comply”, meaning they can comply with all portions of that sub-section, or check the box next to “Exception”. If the “Exception” box is checked it needs to be followed by a detailed explanation.

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| Points    | Item                                  | Detailed Description  |
|-----------|---------------------------------------|---|
| 10 Points | Management and Reporting Capabilities | <p>The ability of the contractor to efficiently and accurately process management and reporting requirements as described in the RFP will be considered.</p> <p>Administrative capabilities for purchasing and billing ERATE requirements</p>   |
| 35 Points | Financial Proposal                    | <p>Cost for components as bid in the unit costs on Attachment A – Unit Cost / Total Cost Estimate Worksheet will be the basis for this comparison.</p> <p>Purchase Price</p> <p>Total long-term cost to the district</p> <p>Impact of district’s compliance with laws and rules relating to Historically Underutilized Businesses</p> |

- C.** The committee evaluating the proposals submitted in response to this RFP may require any or all contractors to give an oral presentation in order to clarify or elaborate on their proposal as well as to provide a demonstration. Upon completion of oral presentations or discussions, contractors may be requested to revise any or all portions of their proposals and submit a best and final offer (BAFO) for consideration.
- D.** If the district determines that additional evaluation steps are required to determine the best value between Contractors, the district reserves the right to consider any or all of the following additional criteria; the proposed price, contractor’s experience, references and record for responsibility, or any other relevant factor that the district deems necessary to determine best value.

## **VI. SCOPE OF SERVICE AND PERFORMANCE REQUIREMENTS**

### **Term**

The agreement(s) resulting from this solicitation will be in effect for an initial term of one (1) year from the date of award by the Board of Trustees, or such date established by the agreement. The parties by mutual consent may renew the agreement for up to four (4) additional one (1) year periods. In addition, the district reserves the right to extend the contract for an additional time beyond the final expiration date if necessary to ensure no lapse in service.

### **A. Background and Overview**

Austin ISD, as part of the E-Rate Program, is planning an upgrade to the wireless network infrastructure in the AISD elementary and middle school campuses. This RFP addresses the replacement and/or upgrades of the wireless network equipment in 11 Elementary Schools, 16 Middle Schools, and 3 Alternative Learning Centers. The AISD expects to begin the WLAN upgrades in April 1, 2021 and to complete all work by September 30, 2022.

The current wireless infrastructure at each campus consists of an Aruba AP 225 (802.11ac) in each classroom / office and an Aruba 7210 controller on the Middle School campus, and 7200 series Central Controllers for the rest of the district. The intention of this project is to enhance wireless coverage, capacity, and performance by replacing each classroom, office, common, and exterior learning area AP with a WiFi 6 (802.11 ax) Wireless Access Point supported by a Cloud based wireless management system.

A system design with equipment having:

#### **Indoor Wireless Access Points**

- WiFi 6 (802.11 ax)
- 4x4 DL-MU-MIMO, dual band radios 5GHz & 2.4GHz
- Backwards compatibility for 802.11 a,b,g,n,ac.
- WPA, WPA2 and WPA3 – Enterprise, Personal compatibility.
- Ethernet port supports auto sensing 100/1000/2.5Gbps speeds. The 2.5 Gbps supports NBase-T and 802.3bz specifications.
- Bluetooth 5 and Zigbee (802.15.4)
- Dual Ethernet ports and that support link aggregation (LACP)

#### **Outdoor Wireless Access Points, hardened for outdoor use.**

- Wi-Fi 6 dual radio, 5 GHz 2x2 MIMO and 2.4 GHz 2x2 MIMO
- Backwards compatibility for 802.11 a,b,g,n,ac.
- Ethernet port auto sensing - 10/100/1000BASE-T (RJ-45)
- Bluetooth 5 and Zigbee (802.15.4).









Each work crew must have an assigned team lead to provide continuity and clear communication throughout the course of this project. Each work crew must include one or more network engineers with adequate technical expertise to address any configuration or troubleshooting issues that may arise during the staging and installation phases of the project. The crews should have adequate manpower to complete the installations within the allocated windows. This will require several experienced installation teams working simultaneously. AISD expects the installation teams to include at least 4 to 6 people. The network engineers should not be included in this count because their time should be dedicated to verifying connectivity, troubleshooting, customization of port configurations, and comprehensive testing of network functionality. The project manager is expected to be onsite for each installation to ensure that the installation is on schedule, manage communication of status to AISD throughout the process, and deal with logistical issues.

Vendor Response to iteq.Is10 1 274.18 757.44 Tm0 g0 G[ ]TJETc3(e)-3(n)--3( )-81rs.







AIISD to compute the bid price of services provided to K-12 schools.

7. The Vendor must be in good standing with the FCC and have no debts outstanding that are owed to the FCC and must not be on Red Light Status. The Vendor must immediately notify the AIISD in any event that the Vendor is put on Red Light Status by the FCC and must take immediate measures to resolve and remove its Red Light







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Attachment B – WLAN Installation and Configuration Guide Example

Attachment C – WLAN Acceptance Checklist Example



Austin ISD  
227901

PURCHASING AND ACQUISITION  
VENDOR RELATIONS

CHE  
(LOCAL)

**Contacting Board  
Members**

Restricted Contact  
Period

*Prohibited  
Communications*

*Permissible  
Communications*

DATE ISSUED: 7/5/2018  
LDU 2018.08  
CHE(LOCAL)



PURCHASING AND ACQUISITION  
VENDOR RELATIONS

CHE  
(LOCAL)

*Complaints*

Any person who is aggrieved in connection with a HUB program policy decision may file a complaint in accordance with GF(LOCAL).

*Violations*

The following are violations subject to sanctions:

1. Falsely conceal or cover up a material fact or make any false, fictitious, or fraudulent statements, reports, or representations, or make use of any false writing, document, or electronic report knowing the same to contain any false, fictitious, or fraudulent statement.
2. Fraudulently obtain, retain or attempt to obtain, or aid another in fraudulently obtaining, retaining, or attempting to obtain certification status as a HUB.
3. Make false reports regarding payments made to subcontractors or sub-consultants.

*Sanctions*

Any person who violates the provisions of this section shall be subject to the following sanctions and to the maximum penalties provided by law:

1. The District may bar, suspend, or deem nonresponsive in future District solicitations and contracts, for a period of up to five years, any bidder or proposer, or contractor or subcontractor following notice and an opportunity for a hearing in accordance with the protest procedures in this policy.
2. The District may, by contract, and where appropriate and lawful, impose an administrative penalty.
3. In addition to other f3 Tr 4.588 0 Td( )Tj0 Tr 0.281-29.24174 Td(f)-4(hi)6(s )-4

*Request for  
Proposal and Bid  
Invitation*