# Request for Quote – E-Rate Eligible Services
# Scope of Work - Network Infrastructure Equipment

**Due Date: <u>Allowable Contract Date from Posted 470</u>**

The Tolleson Union High School District is requesting quotes for Network Infrastructure Equipment and Wireless Access Points per the detailed specifications and quantities listed below. The contract start date is anticipated to be April 1, 2015 or upon notification of approval of E-Rate funding for this project; at the District's discretion. In any case, no work will begin prior to April 1, 2015.

The District is seeking services and pricing through an approved State Master Contract or other Cooperative Purchasing Contract that is acceptable according to the Arizona State Procurement Rules. Please be advised that this is a Request for Quote and not a formal sealed RFP/Bid process. Arizona State Procurement Code requires a formal sealed bidding process; or purchasing from an approved cooperative purchasing contract, or compliant consortium procured contract for any award in excess of $100,000.00. Any quote whose total value exceeds $100,000.00 and is not linked to a current approved cooperative purchasing contract, or a compliant consortium procured contract will be disqualified by Arizona State Procurement Code.

If you need further information please contact Bianca Lochner via email at erate@tuhsd.org.

## General Specifications:

1. The pricing quoted must be compliant with the prospective vendor's State Master Contract or Cooperative Purchasing Contract pricing structure. The terms and conditions of the State Master Contract or Cooperative Purchasing Contract will apply. A copy of any contract addendums that the district will be expected to sign must accompany the quote provided.

2. All original contracts offered should not expire prior to September 30, 2016, and should include specifications that allow for extensions at the discretion of the applicant; not to exceed a total of 60 months.

3. All quotes must clearly identify the prospective vendor's Cooperative Purchasing Contract number, if applicable, and E-Rate SPIN.

4. Please quote the cost for all equipment, supplies, and labor, including any costs for campus assessment, project management, documentation, travel, taxes, etc. (Please note: sales tax must be included in the quote, but will not be used in the evaluation of price; per Arizona State Procurement Rules). All items on the Required Equipment List must be quoted; no partial quotes will be accepted.

5. The products quoted must be eligible for E-Rate under the Internal Connections provision compliant with the Schools and Libraries Division Eligible Services List for the

current funding year. The costs for services not eligible for E-Rate must be clearly itemized separate from eligible services.

6. Any pricing proposed must comply with the FCC Lowest Corresponding Price Rule as required by the Universal Service First Report and Order, and restated in the FCC E-Rate Modernization Report and Order, adopted July 11, 2014.   The FCC Lowest Corresponding Price rule prohibits an E-rate services offeror from offering or charging E-rate applicants a price higher than the lowest price that the offeror charges to non-residential customers who are similarly situated to a particular school, library, rural health care provider or consortium that purchase directly from the offeror.

7. The District will evaluate all compliant quotes received, and reserves the right to select the quote that is the most cost effective, compliant with FCC Fair and Competitive Bidding Rules. The District reserves the right to make multiple contract awards.

**Failure to comply with these general specifications may be grounds for disqualification and award may be made to the next most cost effective provider.**

## Vendor Qualifications:

1. The successful vendor must have a minimum of three years previous experience with the Network Infrastructure Equipment brand proposed.

2. Please include a statement with your quote indicating the level of partnership your organization has with the original equipment manufacturer being proposed.

3. Provide three references including the name of organization, address, contact person, and phone number for which a comparable Network Infrastructure installation was successfully completed.

## Evaluation Criteria:

Evaluation of the quotes provided will be based on but not limited to the following criteria in order of priority:

1. **Cost of ELIGIBLE Services** – Primary evaluation factor.

2. **Cost of INELIGIBLE Services**

3. **Equivalence of Technical Design/Meets Scope of Work** – Conformance with general and technical specifications.

4. **Vendor Qualifications/Level of Partnership with OEM** – Vendor's experience, level of partnership with the original equipment manufacturer, and strength of references.

## Equipment Specifications:

1. The preferred equipment brand is Cisco. However, equivalent brands can be quoted and will be considered. Any brands and models specified in the Required Equipment List below is included in order to establish the level of quality and/or feature set being sought.

2. All equipment quoted must be new manufacture and purchased from the manufacturer. Equipment that is refurbished, purchased from "secondary markets," or "independent re-furbishers" will not be accepted.

3. The successful vendor will provide a complete survey and assessment of the campus to determine an accurate number of AP's and placement to provide adequate coverage and bandwidth. Additionally, the successful vendor will provide as-built documentation, including a Heat Map, at the conclusion of the installation.

4. All equipment installed will be labeled by the successful vendor using durable labels. Labels will identify E-Rate year and E-Rate Funding Request Number.

5. The quote must include all Category 6 patch cables and fiber optic jumper cables. The patch cables should be a variety of 3 foot to 10-foot cables customized to the lengths needed in the rack space. Jumper cables should be a variety of 1 meter to 3 meters customized to the requirements of the rack space with connectors compatible with the equipment quoted.

6. The minimum acceptable warranty period is 3 years. Please specify the warranty period for all equipment quoted. If there is a cost to extend the warranty to meet the minimum requirement, please include this cost in the quote under ineligible for E-Rate support.

## Copper High School

| Make/Model - Part Number* | Description | Quantity |
|---|---|---|
| WS-C2960X-48FPD-L | Catalyst 2960-X 48 GigE PoE 740W  2 x 10G SFP+  LAN Base | 32 |
| CAB-16AWG-AC | AC Power cord 16AWG | 32 |
| C2960X-STACK | Catalyst 2960-X FlexStack Plus Stacking Module | 32 |
| CAB-STK-E-0.5M | Cisco FlexStack 50cm stacking cable | 32 |
| WS-C2960X-24PD-L | Catalyst 2960-X 24 GigE PoE 370W  2 x 10G SFP+  LAN Base | 1 |
| CAB-16AWG-AC | AC Power cord 16AWG | 1 |
| C2960X-STACK | Catalyst 2960-X FlexStack Plus Stacking Module | 1 |
| CAB-STK-E-0.5M | Cisco FlexStack 50cm stacking cable | 1 |
| AIR-CAP2702I-A-K9 | 802.11ac CAP w/CleanAir; 3x4:3SS; Int Ant; A Reg Domain | 130 |
| AIR-AP-BRACKET-1 | 802.11n AP Low Profile Mounting Bracket (Default) | 130 |
| SWAP2700-CMB-A1-K9 | Cisco 2700 Series Combined Unified and Autonomous (xxxxx) SW | 130 |
| AIR-AP-T-RAIL-R | Ceiling Grid Clip for Aironet APs - Recessed Mount (Default) | 130 |
| AIR-CAP2702E-A-K9 | 802.11ac CAP w/CleanAir; 3x4:3SS; Ext Ant; A Reg Domain | 24 |
| AIR-AP-BRACKET-1 | 802.11n AP Low Profile Mounting Bracket (Default) | 24 |
| SWAP2700-CMB-A1-K9 | Cisco 2700 Series Combined Unified and Autonomous (xxxxx) SW | 24 |
| AIR-AP-T-RAIL-R | Ceiling Grid Clip for Aironet APs - Recessed Mount (Default) | 24 |
| AIR-ANT2535SDW-R | 2.4 GHz 3dBi/5 GHz 5dBi Low Profile Antenna White RP-TNC | 96 |
| SFP-10G-LR= | 10GBASE-LR SFP Module | 28 |
| SFP-10G-SR= | 10GBASE-SR SFP Module | 2 |

*Other brands will be considered if they provide the same functionality.

## La Joya High School

| Make/Model - Part Number* | Description | Quantity |
|---|---|---|
| WS-C2960X-48FPD-L | Catalyst 2960-X 48 GigE PoE 740W  2 x 10G SFP+  LAN Base | 38 |
| CAB-16AWG-AC | AC Power cord 16AWG | 38 |
| C2960X-STACK | Catalyst 2960-X FlexStack Plus Stacking Module | 38 |
| CAB-STK-E-0.5M | Cisco FlexStack 50cm stacking cable | 38 |
| WS-C2960X-24PD-L | Catalyst 2960-X 24 GigE PoE 370W  2 x 10G SFP+  LAN Base | 0 |
| CAB-16AWG-AC | AC Power cord 16AWG | 0 |
| C2960X-STACK | Catalyst 2960-X FlexStack Plus Stacking Module | 0 |
| CAB-STK-E-0.5M | Cisco FlexStack 50cm stacking cable | 0 |
| AIR-CAP2702I-A-K9 | 802.11ac CAP w/CleanAir; 3x4:3SS; Int Ant; A Reg Domain | 163 |
| AIR-AP-BRACKET-1 | 802.11n AP Low Profile Mounting Bracket (Default) | 163 |
| SWAP2700-CMB-A1-K9 | Cisco 2700 Series Combined Unified and Autonomous (xxxxx) SW | 163 |
| AIR-AP-T-RAIL-R | Ceiling Grid Clip for Aironet APs - Recessed Mount (Default) | 163 |
| AIR-CAP2702E-A-K9 | 802.11ac CAP w/CleanAir; 3x4:3SS; Ext Ant; A Reg Domain | 21 |

| AIR-AP-BRACKET-1 | 802.11n AP Low Profile Mounting Bracket (Default) | 21 |
|---|---|---|
| SWAP2700-CMB-A1-K9 | Cisco 2700 Series Combined Unified and Autonomous (xxxxx) SW | 21 |
| AIR-AP-T-RAIL-R | Ceiling Grid Clip for Aironet APs - Recessed Mount (Default) | 21 |
| AIR-ANT2535SDW-R | 2.4 GHz 3dBi/5 GHz 5dBi Low Profile Antenna White RP-TNC | 84 |
| SFP-10G-LR= | 10GBASE-LR SFP Module | 42 |
| SFP-10G-SR= | 10GBASE-SR SFP Module | 2 |

*Other brands will be considered if they provide the same functionality.

## Sierra Linda High School

| Make/Model - Part Number* | Description | Quantity |
|---|---|---|
| WS-C2960X-48FPD-L | Catalyst 2960-X 48 GigE PoE 740W  2 x 10G SFP+  LAN Base | 26 |
| CAB-16AWG-AC | AC Power cord 16AWG | 26 |
| C2960X-STACK | Catalyst 2960-X FlexStack Plus Stacking Module | 26 |
| CAB-STK-E-0.5M | Cisco FlexStack 50cm stacking cable | 26 |
| WS-C2960X-24PD-L | Catalyst 2960-X 24 GigE PoE 370W  2 x 10G SFP+  LAN Base | 2 |
| CAB-16AWG-AC | AC Power cord 16AWG | 2 |
| C2960X-STACK | Catalyst 2960-X FlexStack Plus Stacking Module | 2 |
| CAB-STK-E-0.5M | Cisco FlexStack 50cm stacking cable | 2 |
| AIR-CAP2702I-A-K9 | 802.11ac CAP w/CleanAir; 3x4:3SS; Int Ant; A Reg Domain | 135 |
| AIR-AP-BRACKET-1 | 802.11n AP Low Profile Mounting Bracket (Default) | 135 |
| SWAP2700-CMB-A1-K9 | Cisco 2700 Series Combined Unified and Autonomous (xxxxx) SW | 135 |
| AIR-AP-T-RAIL-R | Ceiling Grid Clip for Aironet APs - Recessed Mount (Default) | 135 |
| AIR-CAP2702E-A-K9 | 802.11ac CAP w/CleanAir; 3x4:3SS; Ext Ant; A Reg Domain | 25 |
| AIR-AP-BRACKET-1 | 802.11n AP Low Profile Mounting Bracket (Default) | 25 |
| SWAP2700-CMB-A1-K9 | Cisco 2700 Series Combined Unified and Autonomous (xxxxx) SW | 25 |
| AIR-AP-T-RAIL-R | Ceiling Grid Clip for Aironet APs - Recessed Mount (Default) | 25 |
| AIR-ANT2535SDW-R | 2.4 GHz 3dBi/5 GHz 5dBi Low Profile Antenna White RP-TNC | 100 |
| SFP-10G-LR= | 10GBASE-LR SFP Module | 26 |
| SFP-10G-SR= | 10GBASE-SR SFP Module | 2 |

*Other brands will be considered if they provide the same functionality.

## Tolleson High School

| Make/Model - Part Number* | Description | Quantity |
|---|---|---|
| WS-C2960X-48FPD-L | Catalyst 2960-X 48 GigE PoE 740W  2 x 10G SFP+  LAN Base | 34 |
| CAB-16AWG-AC | AC Power cord 16AWG | 34 |
| C2960X-STACK | Catalyst 2960-X FlexStack Plus Stacking Module | 34 |
| CAB-STK-E-0.5M | Cisco FlexStack 50cm stacking cable | 34 |
| WS-C2960X-24PD-L | Catalyst 2960-X 24 GigE PoE 370W  2 x 10G SFP+  LAN Base | 4 |

| CAB-16AWG-AC | AC Power cord 16AWG | 4 |
|---|---|---|
| C2960X-STACK | Catalyst 2960-X FlexStack Plus Stacking Module | 4 |
| CAB-STK-E-0.5M | Cisco FlexStack 50cm stacking cable | 4 |
| AIR-CAP2702I-A-K9 | 802.11ac CAP w/CleanAir; 3x4:3SS; Int Ant; A Reg Domain | 163 |
| AIR-AP-BRACKET-1 | 802.11n AP Low Profile Mounting Bracket (Default) | 163 |
| SWAP2700-CMB-A1-K9 | Cisco 2700 Series Combined Unified and Autonomous (xxxxx) SW | 163 |
| AIR-AP-T-RAIL-R | Ceiling Grid Clip for Aironet APs - Recessed Mount (Default) | 163 |
| AIR-CAP2702E-A-K9 | 802.11ac CAP w/CleanAir; 3x4:3SS; Ext Ant; A Reg Domain | 36 |
| AIR-AP-BRACKET-1 | 802.11n AP Low Profile Mounting Bracket (Default) | 36 |
| SWAP2700-CMB-A1-K9 | Cisco 2700 Series Combined Unified and Autonomous (xxxxx) SW | 36 |
| AIR-AP-T-RAIL-R | Ceiling Grid Clip for Aironet APs - Recessed Mount (Default) | 36 |
| AIR-ANT2535SDW-R | 2.4 GHz 3dBi/5 GHz 5dBi Low Profile Antenna White RP-TNC | 144 |
| SFP-10G-LR= | 10GBASE-LR SFP Module | 40 |
| SFP-10G-SR= | 10GBASE-SR SFP Module | 2 |

*Other brands will be considered if they provide the same functionality.

## West View High School

| Make/Model - Part Number* | Description | Quantity |
|---|---|---|
| WS-C2960X-48FPD-L | Catalyst 2960-X 48 GigE PoE 740W  2 x 10G SFP+  LAN Base | 28 |
| CAB-16AWG-AC | AC Power cord 16AWG | 28 |
| C2960X-STACK | Catalyst 2960-X FlexStack Plus Stacking Module | 28 |
| CAB-STK-E-0.5M | Cisco FlexStack 50cm stacking cable | 28 |
| WS-C2960X-24PD-L | Catalyst 2960-X 24 GigE PoE 370W  2 x 10G SFP+  LAN Base | 3 |
| CAB-16AWG-AC | AC Power cord 16AWG | 3 |
| C2960X-STACK | Catalyst 2960-X FlexStack Plus Stacking Module | 3 |
| CAB-STK-E-0.5M | Cisco FlexStack 50cm stacking cable | 3 |
| AIR-CAP2702I-A-K9 | 802.11ac CAP w/CleanAir; 3x4:3SS; Int Ant; A Reg Domain | 154 |
| AIR-AP-BRACKET-1 | 802.11n AP Low Profile Mounting Bracket (Default) | 154 |
| SWAP2700-CMB-A1-K9 | Cisco 2700 Series Combined Unified and Autonomous (xxxxx) SW | 154 |
| AIR-AP-T-RAIL-R | Ceiling Grid Clip for Aironet APs - Recessed Mount (Default) | 154 |
| AIR-CAP2702E-A-K9 | 802.11ac CAP w/CleanAir; 3x4:3SS; Ext Ant; A Reg Domain | 28 |
| AIR-AP-BRACKET-1 | 802.11n AP Low Profile Mounting Bracket (Default) | 28 |
| SWAP2700-CMB-A1-K9 | Cisco 2700 Series Combined Unified and Autonomous (xxxxx) SW | 28 |
| AIR-AP-T-RAIL-R | Ceiling Grid Clip for Aironet APs - Recessed Mount (Default) | 28 |
| AIR-ANT2535SDW-R | 2.4 GHz 3dBi/5 GHz 5dBi Low Profile Antenna White RP-TNC | 112 |
| SFP-10G-LR= | 10GBASE-LR SFP Module | 28 |
| SFP-10G-SR= | 10GBASE-SR SFP Module | 2 |

*Other brands will be considered if they provide the same functionality.