

LAKE HAVASU UNIFIED SCHOOL DISTRICT NO. 1  
BUSINESS OFFICE  
2200 HAVASUPAI BLVD.  
LAKE HAVASU CITY, ARIZONA 86403

TELEPHONE: 928 505-6900

FACSIMILE: 928 505-6999

**REQUEST FOR COMPETITIVE-SEALED PROPOSALS**

**Network Equipment, Network Cabling, and Wireless**

**RFP # 16-17-08**

Proposal Due Date: May 1, 2017

Time: 2:00 p.m.

Location: District Office, 2200 Havasupai Blvd., Lake Havasu City, AZ 86403

In accordance with the LHUSD District Procurement Rules in the Arizona official compilation of Administrative Rules and Regulations promulgated by the State Board of Education pursuant to ARS §15-213, competitive sealed proposals for the services specified above will be received by the Lake Havasu Unified School District No. 1 until the time and date cited above.

Proposals for the above listed services received by the correct time and date will be opened and the name of each offeror will be publicly read. Proposals must be in the actual possession of the LHUSD district on or prior to the exact time and date indicated above. Late proposals will not be considered unless the proposal:

1. Is received before contract award at the location designated for receipt of proposals in the Request for Competitive Sealed Proposals, and
2. Would have been received on time but for the action or inaction of LHUSD district personnel.

Proposals (one original and one copy) must be submitted in a sealed envelope to the attention of Michael Murray, Director of Business Services, Lake Havasu Unified School District No. 1, 2200 Havasupai Blvd., Lake Havasu City, AZ 86403, with the request for proposal number and offeror's name, address, and bid due date and time clearly indicated on the envelope. All proposals must be completed in ink or typewritten. This request for proposals is also available via the district web site [www.havasu.k12.az.us](http://www.havasu.k12.az.us).

The District reserves the right to reject any and all proposals and to waive or refuse irregularities in proposals. Offerors are strongly encouraged to carefully read the entire Request for Competitive Sealed Proposals.

RFP CONTACTS	
1. General Questions; Bidding Procedures	2. Specific Questions; Project
Business Services Department	Monica Marks
(928) 505-6936	(928) 505-6909
	mmarks@havasu.k12.az.us
	*No later than April 12, 2017

If additional questions are submitted and clarified, they will be posted as an amendment to this RFP on the district's website —[www.havasu.k12.az.us](http://www.havasu.k12.az.us) no later than April 14, 2017.

DATE: \_\_\_\_\_  
March 31, 2017

\_\_\_\_\_  
Michael Murray, Director of Business Services

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---

**TABLE OF CONTENTS**

**1. INTRODUCTION**

- 1.1. Objective
- 1.2. Scope of Work
- 1.3. Network Cabling
- 1.4. Network Switches
- 1.5. Wireless Network and Cabling
- 1.6. Uninterruptable Power Supply
- 1.7. Licensing

**2. SUBMISSION OF RESPONSES**

- 2.1. Event Schedule
- 2.2. Pre-Bid Meeting
- 2.3. Instructions for Submission of Responses

**4. TERMS AND CONDITIONS**

Attachment A	District Buildings and Student Enrollment
Attachment B	Requested Switch Equipment
Attachment C	Requested Wireless Equipment and Licensing
Attachment D*	Site Maps, Existing Equipment Inventory, and Photographs

\*Separate document available upon request

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**1. INTRODUCTION**

**1.1 Objective**

The Lake Havasu Unified School District #1 (hereinafter referred to as "LHUSD") intends to replace existing network cabling and switches at nine (9) sites and deploy a turnkey centrally managed wireless system at one (1) site. A list of district buildings and current student enrollment can be found in ATTACHMENT "A". Implementation of the aforementioned systems will allow LHUSD to deliver more reliable and robust network services to our students.

**1.2 Scope of Work**

All information provided is to assist vendors in creating a turnkey solution for LHUSD. All information is to the best of the districts knowledge at the time of release, but is not guaranteed. Vendors are encouraged to investigate all information prior to submitting a binding offer to the district. Vendors wishing to visit LHUSD must contact Monica Marks, in writing, to schedule an appointment. Vendors will not be allowed on campus without prior written approval. Same day appointments may not be available; however, the RFP contact person will work with vendor to determine an appropriate date and time to visit the site without interruption to instruction or daily operations.

Due to the complexity and interoperability of the proposed solutions, LHUSD is seeking a single vendor to provide all products and services requested. We intend to receive a complete turnkey solution and expect the awarded vendor to deliver fully functional systems. The scope of this work includes but is not limited to the items listed below.

**1.3 Network Cabling**

Existing fiber connections between MDFs and IDF's were installed by the Arizona State Facility Board in 2000 and support transmission speeds up to 1Gbps. It is our intention to update fiber connections between MDFs and IDF's that will support transmission speeds of at least 10 Gbps.

**1.4 Network Switches**

LHUSD is currently operating in a Cisco environment and it is our intention to replace existing units with a Cisco solution. Most of the network switches throughout LHUSD are approximately 12+ years old and have reached end of life. The majority of our switches support maximum transmission speeds of 1 Gbps. It is our intention to replace end of life switches with new equipment that will support transmission speeds of at least 10 Gbps. A list of the requested switch equipment can be found in ATTACHMENT "B" which is to be used for specification purposes; all equivalent equipment will be considered.

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To the largest degree possible, it is our intention to preserve and re-use existing switch cabinets and racks. Photographs of existing cabinets and racks are contained in ATTACHMENT "D" and are available upon request by contacting Monica Marks at 928-505-6909 or mmmarks@havasus.k12.az.us.

**1.5 Wireless Network and Cabling**

LHUSD is currently utilizing numerous consumer-grade wireless routers to support student learning at Lake Havasu High School. These units frequently fail, are difficult to manage, and do not support the high-density and high-demand needs of a modern education environment. It is our intention to implement a turnkey enterprise-grade wireless network system on the campus of Lake Havasu High School. A list of requested equipment can be found in ATTACHMENT "C" which is to be used for specification purposes; all equivalent equipment will be considered.

Only solutions that are capable of being centrally managed will be considered. Proposals should include detailed maps showing locations of access points and/or controllers to be used in the proposed wireless network. Vendors proposing any system, equipment, product, etc. must guarantee complete compatibility with existing, or concurrently installed, Cisco infrastructure.

Proposed wireless equipment shall support, at minimum:

- a. Classrooms - 50 connections
- b. Media Centers/Libraries/Multipurpose Rooms - 100 connections
- e. Cafeterias and gymnasiums - 150% of posted seating capacity
- f. Meeting and multipurpose rooms - 150% of posted seating capacity
- f. Performing Arts Center and Little Theatre - 150% of posted seating capacity

**1.6 Uninterruptable Power Supply**

Where appropriate, proposals should include stand-alone uninterruptable power supply in a manner sufficient to support the associated equipment. The preferred brand is APC Smart UPS, or equivalent.

**1.7 Licensing**

Where appropriate, proposals should include costs associated with equipment licensing.

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**2. SUBMISSION OF RESPONSES**

**2.1 Event Schedule**

Event	Date
RFP Issued	3/31/2017
Pre-Bid Meeting / Q&A Opportunity	4/12/2017, 10:00 A.M
Proposal Due Date	5/1/2017, 2:00 P.M.
Contract Awarded	5/9/2017
Project Kickoff	7/1/2017

**2.2 Pre-Bid Meeting**

A meeting will be held on 4/12/2017 at 10:00 A.M.; location is 2200 Havasupai Blvd, Lake Havasu City, AZ, 86403 - Building C. This will be your opportunity to ask clarifying questions.

**2.3 Instructions for Submission of Responses**

Please be sure that authorized personnel have signed the PROPOSAL REPLY FORM. Failure to do so will result in rejection of bid. LHUSD will not be responsible for any bidder's errors or omissions. If you choose to "no bid" please note this with a reason on the PROPOSAL REPLY FORM and return ONLY that form so we may use your comments for future bid reference.

**3. TERMS AND CONDITIONS**

**ASSIGNMENT**

It is mutually understood and agreed that the successful bidder shall not assign, transfer, convey, sublet or otherwise dispose of the purchase order, contract, or his right, title or interest therein, or his power to execute such purchase order or contract to any other person, company or corporation without the previous written consent of the LHUSD.

**AVAILABILITY**

It is our intention to complete this project during the 2017 summer break. Perspective bidders must be ready and able to begin work as soon as July 1, 2017.

**BRAND NAMES**

Use of brand names - Brand names, trade names, model numbers, and/or catalog numbers are used to indicate the character, quality and/or performance equivalence of the commodity on which proposals are submitted. The use of the name of a manufacturer, brand, make or catalog number does not restrict the bidder from bidding suitable alternates. LHUSD reserves

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**RFP # 16-17-08**

---

the right to reject any proposals that adhere to the preferred brand. Any alternative bid must be fully interoperable with existing LHUSD systems. Bidders proposing alternates that require the replacement of existing equipment shall list and include pricing for replacement equipment in the base bid. LHUSD reserves the right to decide whether the alternates to the identified manufacturer and brand are in fact, equal to the equipment described in the RFP and compatible with existing LHUSD systems. LHUSD will be the sole judge on the question of equality, and LHUSD's decision shall be final.

**CANCELLATION**

Cancellation for convenience - LHUSD reserves the right to immediately cancel the contract without penalty or recourse, in whole or in part, when LHUSD determines that action to be in its best interest. The Contractor shall be entitled to receive just and equitable compensation for work in progress, work completed and materials accepted before the effective date of the cancellation.

Cancellation for non-performance or vendor deficiency - LHUSD reserves the right to cancel the whole or any part of this contract due to failure by the Bidder to carry out any obligation, term or condition of the contract. LHUSD may issue a written deficiency notice to the bidder for acting or failing to act in any of the following:

- Providing material that does not meet the specifications of the contract;
- Failing to adequately perform the services set forth in the specifications of the contract;
- Failing to complete the work required or furnish materials required within a reasonable amount of time;
- Failing to make progress in performance of the contract and/or giving LHUSD reason to believe that the bidder will not or cannot perform the requirements of the contract;
- Failing to observe any of the terms and conditions of the contract and/or E-Rate program rules.

Upon receipt of a written deficiency notice, the bidder shall have ten (10) calendar days to provide a satisfactory response to LHUSD. Failure to adequately address all issues of concern may result in contract cancellation. Upon cancellation under this paragraph, all goods, materials, work, documents, data and reports prepared by the Contractor under the contract shall become property of the LHUSD.

Contractor cancellation - The Contractor may cancel this contract upon thirty (30) calendar days written notice to LHUSD prior to intended termination date. Termination shall have no effect on projects in progress at the time the notice of cancellation is received by LHUSD.

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Continuation of performance - The Contractor shall continue to perform in accordance with the requirements of the contract, up to the date of cancellation and as directed in the cancellation notice.

**CERTIFICATION**

By signature in the proposal section of the Offer and Contract Award page, the bidder certifies that:

1. The submission of the proposal did not involve collusion or other anti-competitive practices;
2. The Bidder shall not discriminate against any employee, or applicant for employment in violation of federal and state laws;
3. If awarded a contract, the Bidder agrees that all students, staff and other individuals eligible to receive services will have equal access to the services regardless of race, religion, color, sex, disability, age or national origin (including language minority individuals);
4. The Bidder has not given, offered to give, nor intends to give at any time hereafter any economic opportunity, future employment, gift, loan, gratuity, special discount, tip, favor, or service to a public or LHUSD servant in connection with the submitted proposal or any other solicitation by LHUSD.

**CHANGE ORDERS**

Change orders will not be permitted in the event the vendor omits any piece of equipment necessary to provide a turnkey system as represented in this solicitation. Vendors are afforded every opportunity to make clarifications during the solicitation period. Vendors will be responsible to provide any items omitted in this solicitation, unless clarified in the solicitation response, to LHUSD at no charge to either the LHUSD or the E-Rate program. In the event the LHUSD changes the scope of work after the award of the contract, change orders will be permitted, as approved by LHUSD and permitted by applicable law and FCC/USAC-SLD regulations.

**CLARIFICATIONS**

Clarifications - As used in this solicitation, clarification means communication with a bidder for the sole purpose of eliminating minor irregularities, informalities, or apparent clerical mistakes in the proposal. It is achieved by explanation or substantiation as initiated by the Bidder. Unlike discussion, clarification does not give the Bidder an opportunity to revise or modify its proposal, except that correction of apparent clerical mistakes results in a revision.

**CONFIDENTIAL INFORMATION**

Confidential information request - If a bidder believes that any or part of its proposal should be withheld from the public inspection, i.e., trade secrets or proprietary information, a statement

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**RFP # 16-17-08**

---

advising LHUSD of this fact shall accompany the submission and the information shall be so identified wherever it appears. LHUSD shall review the statement and shall determine in writing whether the information shall be withheld. If LHUSD determines to disclose the information, LHUSD shall inform the bidder of writing of such determination.

**CONSTRUCTION SAFETY**

Construction work on LHUSD buildings shall be in compliance with the state fire code unless a fire code has been adopted by the city, town, county or fire district in which the building is located. LHUSD buildings shall be constructed in compliance with applicable building, plumbing, electrical, fire prevention and mechanical codes adopted by the city, town, county or fire district in which the building is located. The condition of the site before start up will be agreed upon between the Buyer and Contractor. The Contractor shall assume full responsibility for the protection and safekeeping of any products stored on the premises. All construction work is subject to inspection by LHUSD personnel, proper authorities and inspectors.

**CONTRACTS**

A response to this solicitation is an offer to contract with LHUSD based upon the terms, conditions, scope of work, and specifications contained in this RFP. A solicitation does not become a contract unless and until the LHUSD accepts it. A contract is formed when a LHUSD official signs the award document, eliminating the need for a formal signing of a separate contract. This contract is issued under the authority of the LHUSD Governing Board. The contract may only be modified through a contract amendment within the scope of the contract. Changes to the contract, including the addition of work or materials, revision of payment terms, or substitution of work or materials, which are directed by an unauthorized individual or employee, or made unilaterally by the contractor, are violations of the contract and applicable law. Such changes, including unauthorized written contract amendments shall be void and without effect, and the contractor shall not be entitled to any claim under this contract based on those changes. A contract amendment is a written document signed by an authorized official of LHUSD that is issued for the purpose of making changes in the contract. The form of contract for this solicitation shall be the Request for Proposal (RFP), the awarded proposal, and properly submitting a proposal requires that the LHUSD assign as additional contract, a copy of the proposed vendor contract must be included with the proposal. LHUSD will review proposed vendor contract documents. A vendor's contract document shall not become part of LHUSD's contract with the vendor unless and until an authorized representative of LHUSD signs it.

**COORDINATION**

The Contractor and buyer shall coordinate activities so as to avoid conflicts. The Contractor will make every reasonable effort not to interrupt scheduled Buyer activities with work under the contract. The Contractor will notify the Buyer of any construction work that may negatively



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---

impact scheduled Buyer activities due to noise, etc. The Contractor shall coordinate with other contractors and vendors so that work may be properly coordinated. The Contractor shall employ such methods or means as will not cause any interruption of, or interference with, work of any other contractor on the project site.

**DELIVERY**

Vendor shall deliver conforming materials in each installment and may not substitute nonconforming materials. LHUSD reserves the right to declare a breach of contract if the Bidder delivers nonconforming materials to the LHUSD under this contract. Default in one installment will constitute total breach. Successful Bidder agrees to pay for return shipment of goods that arrive in a defective or non-operable condition. Bidder agrees to arrange for return shipment of damaged goods. Delivery and installation timing will be scheduled upon receipt of the purchase order. LHUSD reserves the right to require certain equipment be delivered ten (10) business days prior to scheduled installation in order to be received into the LHUSD fixed asset system and tagged appropriately. Exceptions should be listed by the bidder.

**DISCUSSION WITH VENDORS**

Discussions with selected vendors may be held as part of the evaluation procedure for this RFP. Vendors invited for discussions will be given the opportunity to submit a “best and final offer”.

**DOCUMENTATION**

Vendor shall deliver all associated documentation to LHUSD within fourteen (14) calendar days of the completion of the project. Documentation shall consist of as-built drawings, configurations of all equipment, passing testing results for all cabling and equipment, physical and logical maps of all installed cabling and equipment, copies of all manufacturer supplied documentation, and copies of all manufacturer and vendor supplied warranties for all equipment.

**EQUIPMENT REMOVAL**

Costs associated with removal of existing equipment and installation of new equipment should be listed as a separate line item. All removed switches, cabinets, and racks shall be returned to the District Office Technology Department, c/o Monica Marks for possible resale or recycle.

**E-RATE**

This solicitation and resulting contract is may be contingent on the successful funding of future E-Rate awards from the Universal Service Administrative Company or at the option of LHUSD. LHUSD reserves the right to purchase all or some of the goods and services on this contract at the agreed pricing for the agreed term regardless of E-Rate funding status. Vendor shall honor all pricing and contract components regardless of E-Rate funding status. LHUSD agrees to

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**RFP # 16-17-08**

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make clear to successful vendor at the time of purchase whether a purchase is using the E-Rate discount mechanism or is not using the E-Rate discount mechanism.

Bidders must be eligible to participate in the E-Rate program, have or apply for a service provider identification number (SPIN). Bidders must agree to obtain, or have a current Service Provider Annual Certification Form 473 (SPAC) on file with the SLD, and comply with all SLD service provider requirements.

**EVALUATION**

In accordance with all County, State, Federal and E-Rate rules and/or guidelines. To qualify for evaluation, a bid must have been submitted on time, and materially satisfy all mandatory requirements identified in this document. Deviations or exceptions stipulated in a vendor response may result in disqualification. Language to the effect that the vendor does not consider this solicitation to be part of a contractual obligation may result in that vendor's bid being disqualified.

LHUSD shall be the sole judge in determining the quality of the products, materials or services bid and their decision shall be final. Complete evaluation information will be kept on file in the Business Services Department and is available for public inspection by appointment only after the award has been made by the Governing Board of LHUSD.

Only names of Vendors submitting proposals will be read at the opening. Bids/proposals will be time stamped when received. They will be accepted up to but no later than the time indicated in the Invitation for Bid (IFB) or Request for Proposal (RFP). All bids/proposals received after the time stated in the IFB or RFP will not be considered and will be returned to the bidder unopened. The bidder assumes the risk of any delay in the U.S. Mail or in the handling of the mail by employees of the LHUSD District. Whether sent by mail or by means of personal delivery, the bidder assumes responsibility for having his bid/proposal deposited on time at the place specified. The official clock for determining the time shall be that utilized by the District at the place bids/proposals are received.

Failure to respond to invitations for bids/request for proposals for two (2) consecutive procurement of similar items will result in removal of the Vendors name from the District's Vendor listing for those items. A no bid will be considered a response.

Bidders shall not continue to promote products after proposals are accepted and before award by the LHUSD Governing Board.

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**RFP # 16-17-08**

Evaluation of proposals will be based on the following criteria, listed in order of greatest importance:

Price	Per LHUSD and E-Rate regulations for evaluating RFPs, price must carry the highest weight. The overall cost of related services shall be considered. While cost is a significant factor in considering the placement of the award, it is not the only factor we take into consideration. The award will not be based on price alone, nor will it be based solely upon the lowest price submitted.
Experience	The overall experience of bidder in being able to demonstrate a level of competence in performing similar services to clients comparable in scope and size to LHUSD. Success of bidder in performing services in LHUSD related environments shall be considered.
Prior Experience with LHUSD	Documented prior experience with LHUSD will be considered.
Expertise and Technical Merit	The ability of the bidder to designate qualified and experienced personnel to support the specified project. The qualifications and experience of key personnel shall be reviewed. The general knowledge, planning, organization, and implementation skills of key coordinators shall be objectively evaluated.
References and Reputation	LHUSD will fully investigate the qualifications of any vendor(s) based on references supplied and publicly available information.
Completeness of Solution	The ability of the firm to present a quality response to this RFP including all required information at time of proposal submittal.

**EXTENSIONS**

Execution of this section by both parties will extend this contract until: \_\_\_\_\_

Vendor Signature: \_\_\_\_\_ LHUSD Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Printed Name: \_\_\_\_\_

Date: \_\_\_\_\_ Date: \_\_\_\_\_

**FORCE MAJUERE**

Except for payments of sums due, neither party shall be liable to the other no deemed in default under this contract if and to the extent that such party's performance of this contract is prevented by reason of force majeure. The term "force majeure" means an occurrence that is beyond the control of the party affected and occurs without its fault of negligence, including, but not limited to the following: acts of God; acts of the public enemy; war; riots; strikes; mobilization; labor disputes; civil disorders; fire; flood; snow; earthquakes; tornadoes or violent winds; tsunamis; wind shears; squalls; Chinooks; blizzards; hail storms; volcanic eruptions; meteor strikes; famine; sink holes; avalanches; lockouts; injunctions-intervention-acts, or failures or refusals to act by government authority; and other similar occurrences beyond the control of the party declaring force majeure which such party is unable to prevent by exercising reasonable diligence. The force majeure shall be deemed to commence when the party

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**RFP # 16-17-08**

---

declaring force majeure notifies the other party of the existence of the force majeure and shall be deemed to continue as long as the results or effects of the force majeure prevent the party from resuming performance in accordance with this agreement. Force majeure shall not include late deliveries of equipment or materials caused by congestion at a manufacturer's plant of elsewhere, an oversold condition of the market, inefficiencies, or similar occurrences. If either party is delayed at any time by force majeure, then the delayed party shall notify the other party in writing of such delay within forty-eight (48) hours.

**INDEMNIFICATION**

Contractor shall indemnify, defend and save harmless LHUSD, from any and all claims, demands, suits, proceedings, loss, cost, and damages of every kind and description, including any attorney's fees and/or litigation expenses, which may be brought or made against or incurred by LHUSD on account of loss or damage to any property or for injuries to or death of an person, caused by, arising out of, or contributed to, in whole or in part, by reasons of any act, omission, professional error, fault, mistake, or negligence of bidder, its employees, agents, representative, or subcontractors, their employees, agents, or representatives in connection with or incident to the performance of this agreement, or arising out of worker's compensation claims of employees of Bidder and/or its subcontractors or claims under similar such laws or obligations. Contractor's obligations under this section shall not extend to any liability caused by the sole negligence of LHUSD, or its employees. All parties to this contract agree to save harmless one another from simple negligence.

**INSTALLATION**

Equipment that requires professional installation shall be installed in accordance with the manufacturer's instructions and shall be accomplished by skilled and properly licensed and/or certified individuals. The Contractor, in consultation with the LHUSD, will develop a schedule that clearly indicates construction milestones, time periods and deadlines. The Contractor must be willing to coordinate its activities with those of other trades working on the same project. The standard of quality and performance indicated in the specifications and scope of work shall be understood as the minimum requirements only. Unless otherwise indicated in the specifications or drawings, all work shall be done in accordance with the specifications and recommendations of the manufacturer of the product to be installed. Where applicable, all work shall be accomplished in a manner so as to match adjacent existing work in the same area or on the same elevations. Under no circumstances will the Contractor make adjustments to or alter in any manner the LHUSD's existing facilities without prior approval from the LHUSD's authorized representative.

**INQUIRIES**

Any question related to this solicitation shall be directed to the contact listed on this solicitation. If time permits, all inquiries should be made in writing. LHUSD may require any and all questions to be submitted in writing. Any mailed inquiries related to this solicitation should not

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**RFP # 16-17-08**

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have the solicitation number on the envelope since it might be confused with a sealed proposal response and not be opened until the due date and time. Inquiry information can be found on page 1 of this solicitation.

**INSURANCE**

Prior to commencing under this contract, the Bidder shall procure and maintain during the life of this agreement, comprehensive public liability insurance, to include automobile liability, providing limits of not less than \$1,000,000 per occurrence. Evidence of the required insurance shall be provided by means of a certificate of insurance naming LHUSD as the certificate holder and an additional insured. Prior to commencing any work, any subcontractor shall procure and maintain at its own expense until final acceptance of the work, insurance coverage in a form and from insurers acceptable to the prime Bidder. Said insurance shall name the prime Bidder and LHUSD as additional insured's. All subcontractors will provide worker's compensation insurance, which waives all subrogation rights against the prime Bidder and LHUSD. The successful vendor shall also procure and maintain during the life of this contract, worker's compensation insurance for all of the vendor's employees engaged in work under this contract. All worker's compensation insurance will be in compliance with state statute and evidenced by a certificate of insurance.

**LABOR REQUIREMENTS**

Contractor agrees to fully comply with all local, State, tribal and Federal labor guidelines, including, but not limited to: Contract Work Hours and Safety Standards Act, Davis-Bacon Act, Copeland "Anti-Kickback" Act, and the Equal Opportunity Employment requirements of Executive Order 11246 as amended by Executive Order 11375.

**LICENSES**

Contractor shall maintain in current status all Federal, State and local licenses, bonds and permits required for the operation of the business conducted by the Bidder. Contractor shall remain fully informed of and in compliance with all ordinances and regulations pertaining to the lawful provision of services under the contract. LHUSD reserves the right to stop work and/or cancel the contract of any contractor whose license(s) expire, lapse, are suspended or terminated.

**OFFER ACCEPTANCE PERIOD/WITHDRAWAL**

Late proposals will be returned unopened with ten (10) days of request from bidder. In order to allow LHUSD the opportunity to evaluate the proposals; LHUSD requires that a proposal in response to this solicitation be valid and irrevocable for ninety (90) days after opening time and date. At any time prior to the specified due date and time a bidder may withdraw his proposal. After the opening time and date, proposals may not be withdrawn.

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**Tel: (928) 505-6936 Fax: (928) 505-6999**

**Network Equipment, Network Cabling, and Wireless**  
**RFP # 16-17-08**

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In accordance with applicable state law, the bidder's books and record related to this contact may be audited at a reasonable time and place.

Proposals shall be opened at the time and place designated on the 1st page of this document. The name of each bidder shall be publicly read and recorded in the presence of witnesses. Prior to award of a contract, proposals shall only be shown to LHUSD staff and selected evaluators. After contract award, the proposals shall be opened for public inspection.

The bidder shall have extensive knowledge and at least five (5) years experience with the installation, maintenance and provision of the equipment, software or service proposal.

Throughout this document, there may be names of major businesses and their products. The names that appear with the trademark and service mark remain the property of their respective owners. The captions, illustrations, headings and subheadings in this solicitation are for convenience only and in no way define, limit or describe the scope or intent of the request. All materials and services shall be free of liens. Proposals must be for equipment on which the original manufacturer's serial number has not been altered in any way.

Any proposal that does not conform to the mandatory or essential terms, conditions and/or specified requirements for this solicitation may be considered nonresponsive.

If the original bidder sells or transfers all assets or the entire portion of the assets used to perform this contract, a successor in interest must guarantee to perform all obligations under this contract. LHUSD reserves the right to accept or reject any new party. A simple change of name agreement will not change the contractual obligations of the Bidder.

In case of error in extension of prices in the proposal, unit prices shall govern. Periods of time, stated as a number of days, shall be calendar days, not business days unless otherwise specifically noted.

The Contractor under this contract is an independent contractor. Neither party to this contract shall be deemed to be the employee or agent of the other party to the contract. The provisions of this contract are severable to the extent that any provision or application held to be invalid shall not affect any other provision or application of the contract which may remain in effect without the invalid provision or application.

The sections of this RFP defining the scope of services, requirements, qualifications, etc., are not to be construed as a complete listing which exempts the successful bidder from reasonable services required to ensure successful performance under this contract.

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**PAYMENT**

All invoices shall list/reference the applicable LHUSD purchase order numbers. Late fees are not permitted. All transactions are payable in U.S. currency only. LHUSD will not process an invoice that doesn't match the purchase order. Incorrect purchase orders or invoices resulting in excess charges, no matter the cause of the error, when discovered, must be corrected by the vendor. Any excess payment must be returned to LHUSD within thirty (30) days. LHUSD will not process any incorrect E-Rate paperwork.

Contractor or Service Provider agrees to invoice LHUSD for only those fees for which the LHUSD is responsible. Invoiced fees must reflect any and all applicable E-Rate program discounts for which the LHUSD is eligible. Contractor or Service Provider agrees to file the E-Rate Service Provider Invoice (SPI/SPIF) Form 474 for reimbursement of the discounted fees to USAC. USAC will review the Form 474 invoice and process a payment to the Service Provider if payment is approved. For example, if the LHUSD is eligible under the E-Rate program to receive an 80% discount on eligible services and/or equipment, Contractor or Service Provider agrees to bill/invoice LHUSD for the 20% non-discount obligation.

LHUSD will make progress payments on purchased goods or services under the following conditions: 1) LHUSD and Bidder agree to the terms of the progress payments prior to issuing a purchase order; 2) the purchase order describes the amounts to be paid and the date of payment; 3) payments will only be made when actual goods and/or services are verified/received; and 4) that any such payments be made in full compliance with all applicable E-Rate and/or state rules and regulations.

**PREPARATION OF PROPOSAL & BID FORMAT**

A proposal may be amended up to the time of opening by submitting a sealed letter to the place indicated on the front of this solicitation. The forms and format contained in the solicitation shall be used. Bidders may reproduce the forms and retype the information, but all of the required information is to be presented in the order requested. Telegraphic, electronic email/mail or faxed proposals will not be considered. It is the responsibility of all bidders to examine the entire solicitation package and seek clarification of any item or requirement that may not be clear and to check all responses for accuracy before submitting a proposal. Failure to examine any requirements shall be at the bidder's risk. Negligence in preparing a proposal confers no right of withdrawal after due time and date. Bids must be in the actual possession of the LHUSD on or prior to the exact date and time set for proposal opening.

One (1) original proposal and one (1) copy shall be submitted on the forms and in the format contained in the solicitation. The proposal and copies shall contain all descriptive literature, specifications, samples, etc. The proposal and copies shall be submitted in three-ring, loose-leaf binders. All bids must be completed in ink, on a computer, or typewritten. Forms may be filled by hand, but must be printed in ink. Illegible or vague proposals may be rejected. The

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proposal and contract offer and award document must be submitted with an original ink signature by the person authorized to sign the proposal. Erasures, interlineations or other modifications in the proposal shall be initialed by the person signing the proposal. Failure to sign or date the proposal and contract offer and award document, or to make other notations as indicated, may result in rejection of the proposal.

LHUSD will not reimburse the cost of developing, presenting, or providing any response to this solicitation.

By responding to this proposal, bidder acknowledges agreement with all terms and conditions in the proposal documents. Should the bidder take any "exceptions" to the terms and conditions, a summary of the exceptions must be included in the proposal to be considered valid. Exceptions may be accepted or rejected by LHUSD, and LHUSD's decision shall be final.

**PRICING OPTIONS**

Vendor warrants all pricing is valid in whole or in part as reflected on the attached pricing sheets. In the event LHUSD decides to separate line items within the categories listed on the attached price sheets, the vendor will be required to separate Project Management, Installation, Configuration, Travel, Lodging, Per Diem, pricing to reflect the actual pricing for the services listed associated with the chosen equipment.

**PRODUCT LINES, DISCONTINUED**

All bids shall be for equipment, supplies, commodities and software in current production and marketed to the general public and education/governmental agencies at the time the bid is submitted. In the event that a product or model is discontinued by the manufacturer, the bidder may substitute a new product or model if the replacement product meets or exceeds the performance of the discontinued model and if the pricing remains that same as the discontinued model in accordance with all E-Rate guidelines.

**PROJECT COMPLETION**

Upon completion of the work, the contractor shall present LHUSD with all documents necessary to close out the project. Maintenance manuals, drawings, warranties on installed equipment, etc. shall be given to the LHUSD. Even if the final payments are made, if the LHUSD discovers an unfinished job that should have been completed, the contractor will complete the work in a timely fashion at no additional cost.

**PROTESTS**

A protest must be in writing and must be filed with the Superintendent of LHUSD. A protest of this solicitation must be filed before the solicitation due date and time. A protest must be filed within ten (10) days after the protester knows or should have known the basis of the protest.



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**RFP # 16-17-08**

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A protest must include:

1. The name, address and telephone number of the protester;
2. The original signature of the protester or its representative;
3. Identification of the solicitation by contract number;
4. A detailed statement of the legal and factual grounds of protest including copies of any relevant documents; and
5. The form of relief requested.

**PURCHASE ORDERS**

All commitments to Vendors must be made by an approved Purchase Order ONLY prior to beginning of service. Verbal commitments by LHUSD employees, sponsors, advisors or student members of student organizations in the name of an organization or LHUSD are not permitted without a Purchase Order number. Vendors who honor commitments other than an approved Purchase Order are doing so at their own risk.

**RED LIGHT RULE**

Any vendor, or the sub contractor of any vendor, who is currently under, or has reason to believe that they may have a red light status under, the "Red Light Rule" by the FCC must disclose that information in this proposal. If any vendor, or the subcontractor of any vendor, is found to have a red light status under the FCC "Red Light Rule" during the term of this contract, this contract may be immediately terminated for violation of Affidavit IV of this document. The LHUSD will provide the vendor ten (10) days written warning of its intention to cancel the contract under this clause.

**REFERENCES**

Bidders shall furnish the names, addresses and telephone numbers of no less than five (5) districts, schools, or similar organizations for which the Contractor has provided substantially similar services. LHUSD will fully investigate the qualifications of all bidders based on the references supplied and publicly available information. Bidders are encouraged to supply detailed evidence of experience on projects similar in nature and/or magnitude. If Bidder or its agents, possess relevant industry-specific certifications, this information should also be included in the proposal.

**RIGHT TO ASSURANCE**

Whenever one party to this contract in good faith has reason to question the other party's intent to perform, he may demand that the other party give written assurance of its intent to perform. In the event that a demand is made and no written assurance is given within ten (10) days, the demanding party may treat this failure as an anticipatory repudiation of the contract.

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**RFP # 16-17-08**

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**SAFETY AND INDUSTRY STANDARDS**

All items supplied on this contract shall comply with the current applicable Safety and Health Standards of the State of Arizona, the National Electric Code, OSHA standards, IEEE standards, BICSI standards, EIA/TIA standards, and the NFPA standards.

**SCOPE OF WORK**

LHUSD is seeking a vendor to provide, install, train, service and provide warranties on the aforementioned projects, including cabling. The equipment listed in the ATTACHMENTS to this solicitation are representative of the primary equipment that will be necessary. All ancillary equipment for a turnkey system should be provided for by the vendor, as appropriate. An exact scope of work listing all pertinent details, including but not limited to, equipment schedules, installation schedules, exact standards to be adhered to, as well as detailed drawings showing cabling and equipment locations will be provided to LHUSD by the vendor. This detailed scope of work will be delivered to LHUSD once all E-Rate applications are filed, an FCDL is issued to LHUSD and LHUSD issues the vendor an official purchase order.

**SHIPPING**

Shipping errors/risk of transportation: Bidder agrees that shipping errors will be at the expense of the vendor. All risk of transportation and all related charges shall be the responsibility of the bidder. All claims for visible or concealed damage shall be filed by the bidder. The LHUSD will notify the bidder and/or freight company promptly of any damaged goods and shall assist the freight company/bidder in arranging for inspection. Shipments shall be F.O.B. destination. Title and risk of loss of material or service shall not pass to the LHUSD until it actually received the material or service at the point of delivery, unless otherwise provided in this document.

**SITE REQUIREMENTS**

Contractor shall clean up and remove all debris and rubbish resulting from his work as required or directed by LHUSD. Upon completion of the work, the premises shall be left in good repair and an orderly, neat, clean and unobstructed condition. No vendor shall begin a project for which the site is not prepared by the LHUSD, unless the vendor decides to do the preparation work at no cost. Site preparation includes things like moving furniture, installing wiring for power, and similar pre-installation requirements. Contractors shall take all necessary precautions for the safety of employees on the worksite, and shall erect and properly maintain at all times, as required by job conditions and progress of the work, all necessary safeguards for the protection of workers and the public. They shall post danger warning signs against the hazards created by their operation and work in progress. Proper precautions shall be taken pursuant to state law and standard construction practices in order to protect workers, the general public, and existing structures from injury or damage.

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**RFP # 16-17-08**

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**SPECIFICATIONS**

The fact that a manufacturer or supplier chooses not to produce or supply equipment, supplies, or services to meet the specifications in the RFP will not be considered sufficient cause to adjudge these specifications as restrictive. Bidders shall offer equipment, supplies, and/or services that they believe come closest to meeting these specifications. If the vendor deviates from the specifications in the RFP, the reasons for each deviation must be stated. Failure to detail all deviations may be sufficient grounds for rejection of the entire bid. All specifications in this solicitation are designed to enable a bidder to satisfy a requirement for a product, material, process, or service. No specification is intended to unnecessarily limit competition by eliminating items capable of satisfactorily meeting the actual needs of the procurement. Any bidder who believes a specification is unnecessarily restrictive, and submits a bid, must indicate such in its initial response.

**STATE REPLACEMENT CONTRACT**

LHUSD reserves the right to reject all responses to this document and use a State Replacement Contract or any other established procurement contract accepted by state procurement regulations governing LHUSD for all or part of the products and/or services covered under this document.

**SUB-CONTRACTING**

The contract or any portion thereof, shall not be sub-contracted without the prior written approval of the Director of Business Services. No such approval will be construed as making the District a party of or to such contract, or subjecting to the District to liability of any kind to any sub-contractor. No sub-contract, shall, under any circumstances, relieve the Contractor of his liability and obligation under this contract; and despite any such subletting, the District shall deal through the Contractor. Sub-contractors will be dealt with as workmen and representatives of the Contractor.

**SUSPENSION OR DEBARMENT**

If, within the past five (5) years, any firm, business, person, or vendor submitting a bid has been debarred, suspended or otherwise lawfully precluded from practicing in any public procurement activity with any federal, state or local government, including the SLD, the bidder must include a letter with its response or bid setting forth the name and address of the public procurement unit, the effective date of the suspension or debarment, the duration of the suspension or debarment, and the relevant circumstances relating to the suspension or debarment. Failure to supply such a letter or to not disclose in the letter all the pertinent information shall result in the cancellation of any contract. By signing the bid section, the bidder certifies that not current suspension or debarment exists.

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**TAXES**

LHUSD will collect and send payment for all taxes listed on the invoice. It is the bidder's responsibility to forward all taxes to the proper revenue office. Prices bid shall include applicable state and local taxes.

**TERM OF CONTRACT**

It is the intent of LHUSD to award a single-term contract for the specified materials, equipment and services. The contract term shall be from contract award date through September 30, 2015. Extensions to this contract may be made by executing the EXTENSION section of this contract.

**WARRANTY/QUALITY GUARANTEE**

Contractor's representations and warranties should be clearly defined in the proposal. All representations and warranties made by the contractor under this contract shall survive the expiration or termination of the contract. The contractor warrants that any material supplied under this contract shall fully conform to all requirements of the contract and representations of the contractor, and shall be fit for all purposes and uses required by the contract. Contractor warrants that all equipment, software, and service delivered under this contract shall conform to the specifications of this contract. All equipment should carry a minimum 12-month manufacturer's warranty that includes parts and labor. The manufacturer has the primary responsibility to honor a manufacturer's warranty. A distributor or dealer agrees to assist the purchaser reach resolution in a dispute with the manufacturer over a warranty's terms. Any extended manufacturer's warranty will be passed on to the LHUSD.

**WORK HOURS AND CONDITIONS**

Contractor shall coordinate installation of equipment with consideration for minimal disruption of instructional programs and business operations. When working on campus during LHUSD business hours, vendors shall check in at the front office, display proper identification, and refrain from interacting with students.

**VENDOR CERTIFICATIONS**

It is important to LHUSD that contractors and subcontractors installing and working on LHUSD systems and infrastructure are well qualified and certified to ensure that quality and stability are maintained. Please note, all claims of certification will be verified.

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**PROPOSAL REPLY FORM AND CONTRACT**

The undersigned agrees, if the Proposal is awarded within ninety (90) calendar days after date of opening, to furnish the services and equipment specified in strict accordance with the Request for Proposal and at the prices set forth herein. The parties are notified that this Agreement is subject to cancellation pursuant to A.R.S. 38-511.

Name of Firm:	Address:
Phone:	City/State:
Fax:	Federal ID #:
Cellular/Pager #:	

I certify that this proposal did not involve collusion or other anti-competitive practices.

\_\_\_\_\_  
Signature of Person Authorized to Sign Proposal

\_\_\_\_\_  
Date

\_\_\_\_\_  
Please Print Name of Authorized Signature

\_\_\_\_\_  
Please Print Title

We choose to not submit a proposal. We understand that failure to respond may result in the removal of our company's name from the vendor's list under commodities as shown on this proposal.

**Award of Proposal and Execution of Contract (Governing Board Use Only)**

Your offer is hereby accepted. You are now bound to provide the services listed in the submitted proposal for the prices and terms set forth in the contract documents consisting of the Request for Proposal, Terms and Conditions, Instructions to Proposers and Addenda contained in said Proposal RFP.

After contract award, the proposals shall be open for public inspection except to the extent the bidder designates, and the District concurs, that trade secrets or other proprietary data remain confidential. If the bidder designates a portion of its proposal as confidential, it shall isolate and identify in writing the confidential portion(s) at the time of submission. Written notice of the contract award may be made to all firms/persons submitting proposals.

You are cautioned not to commence any invoiced services under this contract until you receive an executed Purchase Order. Awarded this \_\_\_\_\_ day of \_\_\_\_\_ 2017

Lake Havasu Unified LHUSD District #1

By: \_\_\_\_\_

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**ATTACHMENT A**

**District Buildings and Student Enrollment**

<b>Site</b>	<b>Address</b>	<b>Students</b>
Havasupai Elementary	880 Cashmere Drive	395
Jamaica Elementary	3437 Jamaica Blvd. S.	555
Nautilus Elementary	1425 Patrician Drive	362
Oro Grande Elementary	1250 Pawnee Drive	373
Smoketree Elementary	2395 Smoketree Avenue N.	491
Starline Elementary	3150 Starline Drive	632
Thunderbolt Middle School	695 Thunderbolt Avenue	926
Lake Havasu High School	2675 Palo Verde Blvd., S.	1702
District Office	2200 Havasupai Blvd.	N/A

\* Enrollment as of March, 2017

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**Network Equipment, Network Cabling, and Wireless**  
**RFP # 16-17-08**

**ATTACHMENT B**

**Requested Switch Equipment**

**Havasupai Elementary**

Cisco Part #	Description	Qty	Note
WS-C4500X-16SFP+	Catalyst 4500-X 16 Port 10G IP Base, Front-to-Back, No P/S	1	Core switch
WS-C2960X-48FPD-L	Catalyst 2960-X 48 GigE PoE 740W, 2 x 10G SFP+, LAN Base	3	IDF switches
WS-C2960X-24PD-L	Catalyst 2960-X 24 GigE PoE 370W, 2 x 10G SFP+, LAN Base	3	IDF switches
SFP-H10GB-CU3M=	10GBASE-CU SFP+ Cable 3 Meter	1	MDF switch connectivity
GLC-TE=	1000BASE-T SFP transceiver module for Category 5 copper wire	1	ME switch connectivity
SFP-10G-SR-S=	10GBASE-SR SFP Module, Enterprise-Class	5	IDF switch connectivity

**Jamaica Elementary**

Cisco Part #	Description	Qty	Note
WS-C4500X-16SFP+	Catalyst 4500-X 16 Port 10G IP Base, Front-to-Back, No P/S	1	Core switch
WS-C2960X-48FPD-L	Catalyst 2960-X 48 GigE PoE 740W, 2 x 10G SFP+, LAN Base	4	IDF switches
C2960X-STACK=	Catalyst 2960-X FlexStack Plus Stacking Module	2	Stacking modules
SFP-H10GB-CU3M=	10GBASE-CU SFP+ Cable 3 Meter	1	MDF switch connectivity
GLC-TE=	1000BASE-T SFP transceiver module for Category 5 copper wire	1	ME switch connectivity
SFP-10G-SR-S=	10GBASE-SR SFP Module, Enterprise-Class	3	IDF switch connectivity

**Nautilus Elementary**

Cisco Part #	Description	Qty	Note
WS-C4500X-16SFP+	Catalyst 4500-X 16 Port 10G IP Base, Front-to-Back, No P/S	1	Core switch
WS-C2960X-48FPD-L	Catalyst 2960-X 48 GigE PoE 740W, 2 x 10G SFP+, LAN Base	6	IDF switches
C2960X-STACK=	Catalyst 2960-X FlexStack Plus Stacking Module	4	Stacking modules
WS-C2960X-24PD-L	Catalyst 2960-X 24 GigE PoE 370W, 2 x 10G SFP+, LAN Base	1	IDF switches
SFP-H10GB-CU3M=	10GBASE-CU SFP+ Cable 3 Meter	1	MDF switch connectivity
GLC-TE=	1000BASE-T SFP transceiver module for Category 5 copper wire	1	ME switch connectivity
SFP-10G-SR-S=	10GBASE-SR SFP Module, Enterprise-Class	7	IDF switch connectivity

**Oro Grande Elementary**

Cisco Part #	Description	Qty	Note
WS-C4500X-16SFP+	Catalyst 4500-X 16 Port 10G IP Base, Front-to-Back, No P/S	1	Core switch
WS-C2960X-48FPD-L	Catalyst 2960-X 48 GigE PoE 740W, 2 x 10G SFP+, LAN Base	5	IDF switches
C2960X-STACK=	Catalyst 2960-X FlexStack Plus Stacking Module	2	Stacking modules
WS-C2960X-24PD-L	Catalyst 2960-X 24 GigE PoE 370W, 2 x 10G SFP+, LAN Base	3	IDF switches
SFP-H10GB-CU3M=	10GBASE-CU SFP+ Cable 3 Meter	1	MDF switch connectivity
GLC-TE=	1000BASE-T SFP transceiver module for Category 5 copper wire	1	ME switch connectivity
SFP-10G-SR-S=	10GBASE-SR SFP Module, Enterprise-Class	11	IDF switch connectivity

**Smoketree Elementary**

Cisco Part #	Description	Qty	Note
WS-C4500X-16SFP+	Catalyst 4500-X 16 Port 10G IP Base, Front-to-Back, No P/S	1	Core switch
WS-C2960X-48FPD-L	Catalyst 2960-X 48 GigE PoE 740W, 2 x 10G SFP+, LAN Base	6	IDF switches
C2960X-STACK=	Catalyst 2960-X FlexStack Plus Stacking Module	2	Stacking modules
WS-C2960X-24PD-L	Catalyst 2960-X 24 GigE PoE 370W, 2 x 10G SFP+, LAN Base	1	IDF switches
SFP-H10GB-CU3M=	10GBASE-CU SFP+ Cable 3 Meter	1	MDF switch connectivity
GLC-TE=	1000BASE-T SFP transceiver module for Category 5 copper wire	1	ME switch connectivity
SFP-10G-SR-S=	10GBASE-SR SFP Module, Enterprise-Class	9	IDF switch connectivity

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**Network Equipment, Network Cabling, and Wireless**  
**RFP # 16-17-08**

**ATTACHMENT B - Continued**

**Requested Switch Equipment**

**Starline Elementary**

Cisco Part #	Description	Qty	Note
WS-C4500X-16SFP+	Catalyst 4500-X 16 Port 10G IP Base, Front-to-Back, No P/S	1	Core switch
WS-C2960X-48FPD-L	Catalyst 2960-X 48 GigE PoE 740W, 2 x 10G SFP+, LAN Base	5	IDF switches
C2960X-STACK=	Catalyst 2960-X FlexStack Plus Stacking Module	4	Stacking modules
WS-C2960X-24PD-L	Catalyst 2960-X 24 GigE PoE 370W, 2 x 10G SFP+, LAN Base	3	IDF switches
SFP-H10GB-CU3M=	10GBASE-CU SFP+ Cable 3 Meter	1	MDF switch connectivity
GLC-TE=	1000BASE-T SFP transceiver module for Category 5 copper wire	1	ME switch connectivity
SFP-10G-SR-S=	10GBASE-SR SFP Module, Enterprise-Class	5	IDF switch connectivity

**Thunderbolt Middle School**

Cisco Part #	Description	Qty	Note
GLC-TE=	1000BASE-T SFP transceiver module Category 5 copper wire	1	ME switch/Internet conn
SFP-H10GB-CU3M=	10GBASE-CU SFP+ Cable 3 Meter	1	MDF switch connectivity
SFP-10G-SR-S=	10GBASE-SR SFP Module, Enterprise-Class	21	IDF switch connectivity
WS-C2960X-24PD-L	Catalyst 2960-X 24 GigE PoE 370W, 2 x 10G SFP+, LAN Base	2	IDF switches
WS-C2960X-48FPD-L	Catalyst 2960-X 48 GigE PoE 740W, 2 x 10G SFP+, LAN Base	13	IDF switches
C2960X-STACK=	Catalyst 2960-X FlexStack Plus Stacking Module	6	Stacking modules
WS-C4500X-24X-IPB	Catalyst 4500-X 24 Port 10G IP Base, Front-to-Back, No P/S	1	Cores switch/load balance

**Lake Havasu High School**

Cisco Part #	Description	Qty	Note
GLC-TE=	1000BASE-T SFP transceiver module/Category 5 copper wire	2	ME switch/internet conn
SFP-H10GB-CU3M=	10GBASE-CU SFP+ Cable 3 Meter	3	Firewall/MDF switch conn
SFP-10G-SR-S=	10GBASE-SR SFP Module, Enterprise-Class	47	IDF switch connectivity
ASA5525-FPWR-K9	ASA 5525-X w/FirePOWER Services, 8GE,AC,3DES/AES, SSD	1	Internet firewall
WS-C2960X-24PD-L	Catalyst 2960-X 24 GigE PoE 370W, 2 x 10G SFP+, LAN Base	3	IDF switches
WS-C2960X-48FPD-L	Catalyst 2960-X 48 GigE PoE 740W, 2 x 10G SFP+, LAN Base	28	IDF switches
C2960X-STACK=	Catalyst 2960-X FlexStack Plus Stacking Module	11	Stacking modules
WS-C4500X-32SFP+	Catalyst 4500-X 32 Port 10G IP Base, Front-to-Back, No P/S	2	Core switch/load balance
C4500X-IP-ES	IP Base to Ent. Services license for 32 Port Catalyst 4500-X	2	Enterprise services lic.

**District Office (non-instructional facility; not E-Rate eligible)**

Cisco Part #	Description	Qty	Note
WS-C4500X-16SFP+	Catalyst 4500-X 16 Port 10G IP Base, Front-to-Back, No P/S	1	Core switch
WS-C2960X-48FPD-L	Catalyst 2960-X 48 GigE PoE 740W, 2 x 10G SFP+, LAN Base	5	IDF switches
C2960X-STACK=	Catalyst 2960-X FlexStack Plus Stacking Module	2	Stacking modules
WS-C2960X-24PD-L	Catalyst 2960-X 24 GigE PoE 370W, 2 x 10G SFP+, LAN Base	4	IDF switches
SFP-H10GB-CU3M=	10GBASE-CU SFP+ Cable 3 Meter	1	MDF switch conn.
GLC-TE=	1000BASE-T SFP transceiver module for Cat5 copper wire	1	ME switch conn.
SFP-10G-SR-S=	10GBASE-SR SFP Module, Enterprise-Class	13	IDF switch conn.



**LAKE HAVASU UNIFIED SCHOOL DISTRICT NO. 1**  
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**Lake Havasu City, AZ 86403**  
**Tel: (928) 505-6936 Fax: (928) 505-6999**

**Network Equipment, Network Cabling, and Wireless**  
**RFP # 16-17-08**

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**ATTACHMENT C**

**Requested Wireless Equipment**

Lake Havasu High School

Cisco Part #	Description	Qty	Note
AIR-CT5520-K9	Cisco 5520 Wireless Controller w/rack mounting kit	1	Primary WLC
AIR-AP2802I-B-K9	802.11ac W2 AP w/CA; 4x4:3; Int Ant; 2xGbE B	115	Access points
LIC-CT5520-1A	Cisco 5520 Wireless Controller 1 AP Adder Lic.	115	WLC licensing
SFP-10G-SR-S=	10GBASE-SR SFP Module, Enterprise-Class	4	WLC connectivity

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**ATTACHMENT D**

**Site Maps, Existing Equipment Inventory, and Photographs**

\*Separate document available upon request