

**REQUEST FOR PROPOSAL**  
Shasta Union High School District  
Internal Connections  
E-Rate Year 19  
E-Rate Vendors Only

Form 470 Application Number  
170064729  
Allowable Contract Date  
03/24/2017

E-Rate Request for Proposal

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**Background:** The Shasta Union High School District requests bids for installation of Sumitomo Electric Lightwave air-blown fiber in to existing FutureFLEX® tubing at Foothill High School 9733 Deschutes Road, Palo Cedro Ca. The District also wishes to purchase fiber optic and fiber optic trays for future use and installation by the District. Equivalent or superior make & model and functionally to called out equipment with the following Configuration:

The below chart(s) contains information for bidding of the project. Information on the chart(s) and equipment called out as follows:

1. All distances are in feet and include the distance from the MDF to the IDF with slack loops included.
2. All existing IDF fiber enclosures will be removed and replaced with new Panduit fiber enclosures called out as per IDF on the chart. This included moving existing terminated fibers to new enclosure
3. There is at least one empty cell tube to each IDF except where noted or called out.
4. All air-blown fiber will be Single Mode.
5. All fibers will be terminated in to new fiber enclosures.
6. Vendor will be responsible to connect (splice) tubes in pull boxes and condition tubes to receive air-blown fibers.
7. All new fiber termination will be tested to industry standards to allow 10 gig throughput.

Example of chart (A) interpretation for IDF rooms Admin, Building B, Room 12, Room 111, Room 203, Room 204, Room 207, Room 209, Room 217, Room 220, and Band

From MDF to IDF “Admin” 590 feet of air-blown single mode 6 strand fiber will be installed and terminated on a new Panduit FRME1U enclosure in IDF Admin. The Panduit enclosure will be supplied with one (1) FAP3WBUDSCZ (6xSM) and one (1) FAP3WEIDSC (6xMM). Two (2) cell tubes will need to be splices or connected together and cleaned or conditions to receive fibers. All new fiber will be terminated on SC ends.

Room 107 and room 109A respectively will need two (2) new FutureFLEX cell tubes installed and connected form MDF, 420 feet for room 107 and 295 for room 109A, along with single mode fiber and Panduit enclosure installation.

Large GYM will require 24 new air-blown fibers installed of which 12 fiber will need to be fusion spliced to existing fiber in IDF. The remaining fiber will be terminated to existing Panduit fiber enclosure.

Room 407 will require 24 new air-blown fibers installed of which 18 fibers will need to be fusion spliced to 3 runs of new 6 strand single mode tight buffered running to IDF’s Small Gym, Maintenance, and Room S1(Portables). The remaining fiber will be terminated on new Panduit fiber enclosure per chart (A).

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IDF' Small Gym, Maintenance, and Room S1 (Portables) will need new 6 strand tight buffered single mode fiber pulled in through existing conduit from room 407. Conduit space is available and has been verified.

2 Story will need to have Two (2) new Future FLEX cell tubes installed and connected from PB(K) (pull box) to IDF a distance for 500 feet. 1020 feet of air-blown fiber will installed and terminated per chart.

MDF will have installed one (1) new Panduit FRME4 with ten (10) Panduit FAP6WBUDSCZ (6xSM) installed in to existing rack, to receive new fiber runs. Existing FutureFLEX® cell tubes sixteen (16) will need to be extended in MDF to 19 inch rack and distance of 60 feet.

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Bidders will also bid the following items to be supplied to the District. These items are for delivery only NO install of these items will be necessary.

Part Description and Part Number	Qty
Panduit Rack Mount Fiber Enclosures Holds Twelve adapter panels	
Part Number FRME4	2
Panduit Rack Mount Fiber Enclosures Holds Three adapter panels	
Part Number FRME1U	3
Panduit Wall Mount Fiber Enclosures Holds Two adapter panels	
Part Number FWME2	9
Panduit Fiber Adapter Panel with Three SC Duplex multimode adapters	
Part Number FAP3WEIDSC	11
Panduit Fiber Adapter Panel with Six SC Duplex multimode adapters	
Part Number FAP6WEIDSC	
Panduit Fiber Adapter Panel with Three SC Duplex Singlemode adapters	
Part Number FAP3WBUDSCZ	18
Panduit Fiber Adapter Panel with Six SC Duplex Singlemode adapters	
Part Number FAP6WBUDSCZ	15
UniCam® Connector, SC, Organizer Pack, Single-mode (OS2)	
Part Number 95-200-41-Z	12
Single Mode tight Buffered 6 count	
8,000' rolls	3

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CHART A All runs will be from MDF to IDF's		New Single Mode fibers to be blown in	Panduit Rack Mount Fiber Enclosures Holds Twelve adapter panels	Panduit Rack Mount Fiber Enclosures Holds Three adapter panels	Panduit Wall Mount Fiber Enclosures Holds Two adapter panels	Panduit Fiber Adapter Panel with Three SC Duplex Singlemode adapters	Panduit Fiber Adapter Panel with Six SC Duplex Singlemode adapters	Panduit Fiber Adapter Panel with Three SC Duplex multimode adapters	Panduit Fiber Adapter Panel with Six SC Duplex multimode adapters	Existing tube cells or need for new tube cells	Tube splices necessary to complete tube from MDF	
IDF Name	Distance Feet	Fiber Count	FRME4( 19" Rack 12 Pack's)	FRME1U(19" Rack 3 Packs's)	FWME2(2 Port Wall Mount)	FAP3WBUDSCZ(6xSM)	FAP6WBUDSCZ(12xSM)	FAP3WEIDSC(6xMM)	FAP6WEIDSC(12xMM)	Air Blown Cells	Splices	Notes
Admin	590	6		1		1		1		2	2	
Building B	770	6		1		1		1		2	3	
Room 12	680	6		1		1		1		2	3	
Room 107	420	6		1		1		1		New 2		
Room 109A	295	6		1		1		1		New 2		
Room 111	520	6		1		1		1		2		
Room 203	450	6		1		1		1		4	1	
Room 204	410	6		1		1		1		4	1	
Room 207	410	6		1		1		1		2	1	
Room 209	470	6		1		1		1		4	1	
Room 217	720	6		1		1		1		2	1	
Room 220	920	6				1				2	2	
Large GYM	950	24								2	1	Fusion 12 ext fibers
Band	670	6		1		1		1		2	1	
Room 407	710	24				1			2	2	2	Fusion 6 fibers for IDF and 18 to new fiber runs
Small Gym	520	6			1	1		1				New 6count tight buffered,to Splice in Room 407
Maintenance	520	6				1			1			New 6count tight buffered,to Splice in Room 407
Room S1(Portables)	520	6			1	1						New 6count tight buffered,to Splice in Room 407
2 Story	1020	6		1		1		1		New 2		New 2 Cell Back to PB (K)500' ,1 Splice
MDF	0	0	1				10					Extend 16 Tubes 60' to New fiber tray
<b>Total</b>	<b>11,565</b>		<b>1</b>	<b>13</b>	<b>2</b>	<b>18</b>	<b>10</b>	<b>14</b>		<b>32</b>	<b>19</b>	

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**BID EVALUATION PROCESS**

The District will evaluate and select the winning bid based on the following criteria:

- 1. **Price** – Price will be the highest weighted factor. The District will be evaluating the price based on the Base Bid Price.
- 2. **Accuracy of Bid or Bid Response** – The District will evaluate the bid response for completeness, amendments, exceptions, and bid as specified or alternate to specified.
- 3. **Meets Standards of District** - The District will be evaluating the contractor’s proposed equipment and to what level it meets the districts currently installed equipment base.
- 4. **Experience** – The District will evaluate Experience based on the following criteria:
  - a. Total Number of Systems installed by this Contractor (not using subcontractors) that match the Manufacture and Model Number specified for this project, in the last three years.
  - b. Number of Systems installed by this Contractor (not using subcontractors) that match the Manufacture and Model Number specified for this project in the Education Market in the last three years.
- 5. **Qualifications** – The District will evaluate Vendor Qualifications based on the following criteria.
  - a. Number of years as a contractor.
  - b. Experience with public school work.
  - c. Number of similar systems installed and maintained.
  - d. Number and *quality* of references provided.

**Selection Criteria Weight\***

Price	40.0%
Accuracy of Bid Response	20.0%
Meets Standards of District	15.0%
Experience	10.0%
Qualifications	15.0%

Bids must include E-Rate funding language.

The district reserves the right to refuse all bids.

All bids must include vendor SPIN number and California state master contract proof, if used.

All bidder must have and supply a current and valid California DIR number with their bids.

**Pre-Bidder Qualifications.** This project is an addition to existing SUHSD in ground FutureFLEX® air blown fiber optics. As such the District must maintain its existing 20 year warranty with Sumitomo Electric Lightwave, and as such, all bidders must be Sumitomo Electric Lightwave certified to install FutureFLEX tubing and air-blown fiber with in the tubing. Bidders must supply certificate from Sumitomo Electric Lightwave showing current status as approved to install.

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The bidder must warrantee their labor and air-blown fiber product for a period of no less than 20 years.

These projects and services depend on partial funding from the E-rate program. We expect each vendor to make themselves intimately familiar with any rules or regulations regarding the E-rate program. All contracts entered into as a result of the posting of these Form 470s will be contingent upon the specific funding of said contract by the SLD at the percentage rate submitted. The percentage rate applicable to a particular form 471 is the maximum that the district will be liable for. The vendor will be responsible to bill the government (SLD) for the balance.

The contractor is responsible for providing a valid SPIN number with their proposal(s).

This is a State of California public works project. The SUHSD is Board approved to use UCCAP procedures outlined in Public Contract Code Section 22000 and may use this alternative bidding process at its discretion.

All work is subject to the 100% approval of this project by the FCC under the E-rate discount program of the Federal Communications Act of 1996. Additional terms and conditions are delineated in the specifications referenced in the 470's.

All vendors will be responsible for seeking and procuring their E-rate payback from the appropriate agency (ies). The district will not "up front" costs and/or will not accept a "BEAR" billing. The district will pay only the amount(s) remaining after discounts are applied, upon completion of the work. Prior to invoicing USAC for services rendered on this project, Vendor agrees to provide the district a copy of their USAC invoice to verify that the material has been delivered and accepted by the District before Vendor bills USAC.

Submission of a bid proposal obligates the Contractor to comply with the SLD's Form 474 "Service Provider Invoicing" (SPI) method for this contract. Contractor will invoice USAC directly for the committed funding amount of "eligible" equipment and services. The Owner will only be responsible for their percentage of the "eligible" equipment and services and 100% of "ineligible" equipment and services.

The district reserves the right to deny any proposals even with SLD funding approval.

The district reserves the right to accept the pricing proposal solely dependent upon SLD approval.

All bids must be good for entire Erate funding year 20 2017-2018.

**SUBMITTAL OF A BID SHALL BE INCONTROVERTIBLE EVIDENCE THAT THE BIDDER HAS DETERMINED THAT THE PLANS, SPECIFICATIONS AND DRAWINGS ARE SUFFICIENT FOR BIDDING AND COMPLETING THE WORK; THAT BIDDER IS CAPABLE OF READING, FOLLOWING AND COMPLETING THE WORK IN ACCORDANCE WITH THE PLANS, SPECIFICATIONS AND DRAWINGS; AND THAT THE PLANS, SPECIFICATIONS AND DRAWINGS FALL WITHIN AN ACCEPTABLE STANDARD FOR PLANS, SPECIFICATIONS AND DRAWINGS; AND**

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**THAT BIDDER AGREES THAT THE PROJECT CAN AND WILL BE COMPLETED ACCORDING TO THE OWNER'S TIMELINES AND ACCORDING TO THE PROGRESS SCHEDULE.**

**Listing Subcontractors.** Each bidder shall submit, on the form furnished with the Project documents, a list of the proposed Subcontractors on this Project as required by the Subletting and Subcontracting Fair Practices Act (Public Contract Code Section 4100 et seq.). If alternate bids are called for and the bidder intends to use different or additional Subcontractors, a separate list of Subcontractors must be submitted for each such alternate bid.

This bid maybe purchased off a California State Master Contract. If so, vendor must provide proof of Master contract enrollment.

**Workers' Compensation.** In accordance with the provisions of Section 3700 of the Labor Code, the successful bidder shall secure the payment of compensation to all employees. The successful bidder who has been awarded the contract shall sign and file with OWNER the following certificate prior to performing the work: "I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract." The form of such certificate is included as a part of the Project documents.

**Contractor's License.** If, at the time of the bid opening date and time, bidder is not properly licensed to perform the Project in accordance with Division 3, Chapter 9, of the Business and Professions Code of the State of California and the Notice Calling for Bids, such bid will be rejected as non-responsive. Pursuant to Business and Professions Code Section 7028.15, no payment shall be made for work or materials under the contract unless and until the Registrar of Contractors verifies to the OWNER that the bidder was properly licensed at the time the bid was submitted. Any bidder not so licensed is subject to penalties under the law and the contract will be considered void. If the license classification specified hereinafter is that of a "specialty contractor" as defined in Section 7058 of the California Business and Professions Code, the specialty contractor awarded the contract for this work shall construct a majority of the work, in accordance with the provisions of California Business and Professions Code Section 7059.

**Drug-Free Workplace Certification.** Pursuant to Government Code Sections 8350 et seq., the successful bidder will be required to execute a Drug-Free Workplace Certificate upon execution of the Agreement. The bidder will be required to take positive measures outlined in the certificate in order to insure the presence of a drug-free workplace. Failure to abide with the conditions set forth in the Drug-Free Workplace Act could result in penalties including termination of the Agreement or suspension of payment thereunder.

**Signature.** The Bid Form, the Bid Bond, the Designation of Subcontractors Form, all Information Required of Bidder or prequalification forms, Workers Compensation Certificate, Drug Free Workplace Certification, Non-Collusion Affidavit, the Agreement, and all Guarantees must be signed in the name of the bidder and must bear the signature of the person or persons duly authorized to sign these documents. Where indicated, if bidder is a corporation, the legal name of the corporation shall first be set forth, together with two signatures: one from among the

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chairman of the board, president or vice president and one from among the secretary, chief financial officer, or assistant treasurer. Alternatively, the signature of other authorized officers or agents may be affixed, if duly authorized by the corporation. Such documents shall include the title of such signatories below the signature and shall bear the corporate seal. Where indicated, in the event that the Bidder is a joint venture or partnership, there shall be submitted with the bid certifications signed by authorized officers of each of the parties to the joint venture or partnership, naming the individual who shall be the agent of the joint venture or partnership, who shall sign all necessary documents for the joint venture or partnership and, should the joint venture or partnership be the successful bidder, who shall act in all matters relative to the contract resulting there from for the joint venture or partnership. If bidder is an individual, his/her signature shall be placed on such documents.

**Erasures, Inconsistent or Illegible Bids.** The bid submitted must not contain any erasures, interlineations, or other corrections unless each such correction creates no inconsistency and is suitably authenticated by the signature(s) of the person(s) signing the bid. In the event of inconsistency between words and figures in the bid, words shall control figures. In the event that OWNER determines that any bid is unintelligible, illegible or ambiguous, the OWNER may reject such bid as not being responsive.

**Examination of Site and Project Documents.** At its own expense and prior to submitting its bid, each bidder shall examine all documents relating to the Project; visit the site (with OWNER permission and scheduling) and determine the local conditions which may in any way affect the performance of the work, including the general prevailing rate of per diem wages and other relevant cost factors; familiarize itself with all Federal, State and local laws, ordinances, rules, regulations and codes affecting the performance of the work, including the cost of permits and licenses required for the work; make such surveys and investigations, including investigation of subsurface or latent physical conditions at the site or where work is to be performed, as it may deem necessary for performance of the work at its bid price ; determine the character, quality, and quantities of the work to be performed and the materials and equipment to be provided; and correlate its observations, investigations, and determinations with all requirements of the Project . The Project documents show and describe the existing conditions as they are believed to have been used in the design of the work and are only provided as information for the bidder.

OWNER

is not making any warranties regarding said information. The OWNER shall not be liable for any loss sustained by the successful bidder resulting from any variance between the conditions and design data given in the Project documents and the actual conditions revealed during the bidder's pre-bid examination or during the progress of the work. Bidder agrees that the submission of a bid shall be incontrovertible evidence that the bidder has complied with all the requirements of this provision of the Information for Bidders.

**Competency of Bidders.** In selecting the lowest responsive and responsible bidder, consideration will be given not only to the financial standing but also to the general competency of the bidder for the performance of the work. By submitting a bid, each bidder agrees that the OWNER, in determining the successful bidder and its eligibility for the award, may consider the bidder's experience and facilities, conduct and performance under other contracts, financial conditions, reputation in the industry, and other factors which could affect the bidder's performance of the project. To this end, successful bidder may be required to submit a statement of the bidder's experience on the form entitled "INFORMATION REQUIRED OF BIDDERS."

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This form will be issued to bidders as may be required by OWNER. Public Contract Code Section 20118.2

**Hold Harmless.** The successful bidder awarded the contract shall indemnify and hold harmless the OWNER, its governing board, officers, agents, and employees from every claim or demand made, and every liability, loss, damage, or expense, of any nature whatsoever, which may be incurred by reason of: a) Liability for damages for (1) death or bodily injury to person(s); (2) injury to, loss or theft of property; or (3) any other loss, damage or expense arising under either (1) or (2) above, sustained by the bidder upon or in connection with the work called for in this Project, except for liability resulting from the sole active negligence, or willful misconduct of the OWNER. b) Any injury to or death of any person(s) or damage to, loss or theft of any property caused by any act, omission, neglect, or default of the bidder, or any person, firm, or corporation employed by the bidder CONTRACTOR, either directly or by independent contract, arising out of, or in any way connected with the work covered by this Project, whether said injury or damage occurs either on or off OWNER property, if the liability arose from the negligence or willful misconduct of anyone employed by the bidder, either directly or by independent contract. c) The bidder, at bidder own expense, cost, and risk shall defend at OWNER'S request, any and all actions, suits, or other proceedings that may be brought or instituted against the OWNER, its governing board, its officers, agents or employees, on any such claim or liability, and shall pay or satisfy any judgment that may be rendered against the OWNER, its governing board, its officers, agents or employees in any action, suit or other proceedings as a result thereof.

**\*Equivalent or Superior Products**

A. All Products described and Part Numbers given in this Specification are those of Panduit unless otherwise noted.

B. Contractors wishing to approve a system other than those specified in this document will be required to perform the following:

1. Provide System specifications and cut sheets for all system components for the proposed new system(s).

2. Provide an *itemized* comparison to each of the system functions as described in this specification. Include in that document how the proposed system compares to the specified system described in this document on a *line by line basis*, using one of the following three criteria: “exceeds”/”matches”/ “unequal”.

C. All other products than those specifically address in the bid document that the contractor is seeking approvals for must be *received* by the District’s Representative *no later than ten (10) days before the bid date*. Each contractor is individually responsible in seeking approval for their submitted products.

D. Failure to received written approval for product installed that deviates from the products called for in this specification and/or on the project drawings will result in the contractor having to replace the unapproved materials and equipment with the originally specified products at no additional cost to the District.

E. All proposed system documentation must be sent to the District’s Representative via

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one of the following; mail, fax or email. The Contractor will include the project name, their contact information, and the specification section number that the proposed system is comparable to.

**Questions:** Contact Mike Vincelli in writing by fax at 530-245-2690

**Instructions:** It is required that each vendor provide the following:

1. Cost detail – Separate costs that are ineligible for E-rate discount.
2. Disclosure of all contract terms
3. Vendor contact information, SPIN
4. State Master contract proof, if used
5. State DIR number
6. Signed bid by corporate officer
7. This bid document must returned with bid and initials on each page
8. 2,000,000 (two million) US dollar of insurance and proof of.
9. State of California contractor license.
10. Worker Comp proof.

Vendors are to submit complete bids by email, fax or mail to:

Shasta union High School District

Erate Bid

**email:** erate@suhsd.net

**by mail:**

Erate Bids

2200 Eureka Way

Redding, Ca. 96001

Phone # (530)241-3261

Fax # (530)245-2690

**Deadline: 03/24/2017**

*All bids received after the deadline will be rejected. Incomplete bids will be rejected*

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