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15. Bidding Contractor must provide a soft copy and PDF of the test results to the District within 2 weeks of substantial completion. All test results must show a “passes status” record. Bidding Contractor must also provide raw VISIO files of the projects as-build drawings showing all cable routing and numbering. Numbering standards for each site must be verified with the district prior to pulling any new cabling to make sure the project is properly numbered per the district’s standards. Failure to verify numbing with the district prior to pulling cable may require the contractor to renumber all or a portion of the project at the contractor’s expense.

16. Bidding Contractor/Vendor may attach additional pertinent information they deem important to the selection, implementation, and overall success of the project.

SECTION 27 10 00

STRUCTURED CABLING

PART 1 ð GENERAL

1.01 SUMMARY

A. This section specifies equipment, accessories, materials, installation, configuration, and testing requirements for a complete and operable Structured Cabling communications system. The system shall provide highly reliable and high-performance data communication from main distribution frame (MDF) through each intermediate distribution frame (IDF) to end points requiring fiber optics and/or copper cabling and associated equipment.

B. This section condenses sections 27 11 00– Communications Equipment Room Fittings, 27 13 00 – Communications Backbone Cabling, 27 15 00– Communications Horizontal Cabling and 27 16 00 – Communications Connecting Cords into one comprehensive section.

1.02 SCOPE

A. The work will include but not be limited to the following objectives:

1. Contractor shall furnish and install all required components and accessories as outlined in the design documents for a complete and operable turn-key system.
2. Quality workmanship is a high priority for the District and the Contractor shall be held to a high-level of professional workmanship. Contractors unfamiliar with the District’s standards shall familiarize themselves with the standards and requirements prior to beginning work
3. The Contractor shall furnish and install all required fire-treated ¾” (three quarter inch) plywood for the MDF and all IDF locations.
4. The Contractor shall furnish and install a ground bus bar at the MDF and IDF rooms.
5. The Contractor shall furnish and install all required racks and cabinets.
6. The Contractor shall furnish, install, and configure uninterruptable power supply(ies) (UPS) for the MDF and/or IDF racks.
7. The Contractor shall furnish and install all newly required conduit/raceway.
8. The Contractor shall furnish and install all wire/cable (copper/fiber optic) as required.

F. Product Availability

1. Contractor, prior to submitting a proposal, shall determine product availability and delivery time, and shall include such considerations into his proposed Contract Time.

2.02 MANUFACTURERS AND PRODUCTS

A. See Appendix A at the end of this document for pre-approved materials.

B. Substitutions require proof of equivalence and approval by District and/or its representative.

C. For maintenance and consistency with the existing installed base, data connectivity components (copper and fiber) shall be Superior Essex cable and Ortronics connectivity.

2.03 COPPER/FIBER OPTIC CABLES AND COMPONENTS

A. All copper cables and components shall be Cat6A rated.
1. Cable to be reduced diameter. White jacket for default cable, Blue jacket for CCTV and Access Control only.
2. Jacks to be keystone style.

B. Patch cords system/color:

SECTION 27 00 00
COMMUNICATIONS BASIC REQUIREMENTS

PART 1 - GENERAL

1.01 SUMMARY

A. This Section specifies the common administration basic requirements and common methods for all low voltage systems installation work included under Division 27 and 28 and where those requirements differ from the requirements of this section, the more stringent shall govern.

1.02 STANDARDS, REGULATIONS, AND CODES REFERENCES

A. The following Standards, Regulations and Codes apply to work specified in the Contract Documents.

1. Applicable State and Local Codes.
2. California Building Code and California Electrical Code, Current Editions.
3. BICSI TDMM (Telecommunications Distribution Methods Manual), 11th Edition 2006.
4. ANSI/TIA/EIA-568-B.1. Commercial Building Telecommunications Cabling Standard,
5. ANSI/TIA/EIA-568-B.1-2. Commercial Building Telecommunications Cabling Standard, Part 1: General Requirements, Addendum 2, Grounding and Bonding Spe5(f)-4(id)-35

11. Grounding: a conducting connection to earth, or to some conducting body that serves in place of earth.

12. Hinged Cover Enclosure: Wall-mounted box with a hinged cover that is used to house and protect electrical devices.

13. Horizontal: Pathway facilities and media connecting the MDF or IDF to Telecommunications Outlets.

14. Intermediate Distribution Frame (IDF): Data networking equipment rack and/or location that serves an individual area, floor or building. Downstream from the MDF.

15. Jack: Receptacle used in conjunction with a plug to make electrical contact between communications circuits, e.g., eight-position/eight-contact modular jacks.

16. Link: A transmission path between two points, not including terminal equipment, work area cables, and equipment cables; one continuous section of conductors or fiber, including the connecting hardware at each end.

17. Local Area Network (LAN): Data transmission facility connecting several communicating devices, typically Ethernet and the network is limited to a single campus.

18. Main Distribution Frame (MDF): Initial (main) data network equipment rack and/or location. Only one MDF occurs per site and may serve many downstream IDFs.

19. Media: The type of cable (e.g., twisted-pair, coaxial, or fiber optic) used to provide signal

1.05

9. List of Sub-Contractor(s) who will assist the contractor in the performance of this work.

1.08 SEQUENCING AND SCHEDULING

A. For the proper execution of the work, cooperate with other tradecrafts and contracts as needed.

B. To avoid installation conflicts, thoroughly examine the complete set of Contract Documents. Resolve conflicts with Project Manager/Designer prior to installation.

C. Prior to installation of communications cable to equipment requiring connections, examine the manufacturer's shop drawings, wiring diagrams, product data, and installation instructions. Verify that the electrical characteristics detailed in the Contract Documents are consistent with the electrical characteristics of the actual equipment being installed. When inconsistencies occur request clarification from Project Manager/Designer.

1.09 SHOP DRAWINGS

A. Shop Drawings: When required by individual Specification Sections, provide shop drawings which include physical characteristics, electrical characteristics, device layout plans, point-to-point wiring diagrams for all connections, and the like. Refer to individual Specification Sections for additional requirements for the shop drawings.

1.10 WARRANTY

A. Provide an extended manufacturer's warranty on the Backbone and Horizontal Communications systems as specified in other sections of Division 27.

1.11 CLOSE OUT DOCUMENTS

A. Final coordination drawings, with as-built information added, are to be submitted as record drawings at completion of project.

B. Record Drawings:

1. Show changes and deviations from the Construction Drawings. Include written Addendum and change order items.
2. Show exact routes of pathway facilities and service entrance conduits.
3. Show the exact location of racks, cabinets, mounting frames and the like.

C. Operation and Maintenance Documentation: Provide copies of certificates of code authority acceptance, product data, guarantees, warranties, installation guides, maintenance guides and the like.

D. Inspection and/or testing: Submit testing reports for testing that was performed.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Provide like items from one manufacturer, such as wire/cable, jacks, modular plugs, patch panels, equipment connection cords, wall plates, and the like. See individual sections for detailed information.

2.02 MATERIALS

begin. That is, if services begin on July 1, then the delivery of service provider infrastructure necessary for those services can be considered as also delivered on July 1.

5. Early Funding Conditions:

   - Category 1

     There are four conditions that must be met in order for USAC to provide support in a funding year for Category 1 infrastructure costs incurred prior to that funding year.

     - Initiation of installation cannot take place before selection of the service provider pursuant to a posted Form 470 and in any event no earlier than six months prior to July 1 of the funding year.
     - The Category 1 service must depend on the installation of the infrastructure.
     - The underlying Category 1 service cannot have a service start date prior to July 1 of the funding year.
     - No invoices can be submitted to USAC for reimbursement prior to July 1 of the funding year.

     For more information, please refer to the FCC Order involving the Nassau County Board of Cooperative Educational Services (DA 02-3365, released December 15, 2002). This FCC decision only applies to Priority 1 services (Telecommunications Services and Internet access).

   - Category 2

     There is one condition that allows USAC to provide support in a funding year for Category 2 installation costs incurred prior to that funding year. We also amend our rules for category two non-recurring services to permit applicants to seek support for category two eligible services purchased on or after April 1, three months prior to the start of funding year on July 1. This will provide schools with the flexibility to purchase equipment in preparation for the summer recess and provide the maximum amount of time during the summer to install these critical networks.

     For more information, please refer to the FCC Report and Order and Further Notice of Proposed Rulemaking (FCC 14-99, released July 23, 2014). This FCC decision only applies to Category 2 services (Internal Connections).

6. Invoicing

474 Service Provider Invoice (SPI). The District will only be responsible for paying its non-discounted share of costs and does not intend to use the BEAR process (Form 472). The maximum percentage the District will be liable for is the pre-discount amount minus the funded amount as shown on the FCC Form 471 Block 5 and any identified ineligible costs. Upon the successful receipt or posting of a Funding Commitment Decision Letter from the SLD and submission and certification of Form 486, the District shall

Responders shall submit one (1) original signed proposal, three (3) additional hard copies, and one (1) digital copy (flash drive) in write protected PDF format. The proposals shall be organized in the format listed below and shall be limited to thirty (30) pages (excluding attachments and appendices) on 8 ½" x 11" paper with all responses bound with tabs separating each section. Responders shall read each item carefully and answer accurately to ensure compliance with District requirements.

Failure to provide all requested information or deviation from the required format may result in disqualification.

Failure to provide all requested information or deviation from the required format may result in disqualification.

1. Cover Letter

A signed letter of interest (no more than one page) stating the Responder's interest and qualifications in providing the services as outlined in the RFP. Cover letter should include contact name, address, telephone number, and email address.

2. Responder Service Provider Information
3. Letter of Agreement
4. Cost Proposals
5. Addenda
6. Completed and signed Submittal pages including RFP Form, Fingerprint Certification, Statement of Non-Conflict of Interest, Insurance Acknowledgement, Designated Subcontractor List and Bid Bond

Each response will be reviewed prior to the selection process for completeness and adherence to format. A response will be considered complete if all requested sections are included in the proper order and properly completed. Responders may also provide any and all recommendations for consideration such as installation, maintenance, support and design that is relevant to the total solution of the District's technm' cĞct's { Ğ ɔ ḣ ® Ă rele_

Term/Extension

Pursuant to Education Code, Section 17596 and 81644, it is the intent of the District to award a single term contract for the specified period. If this is a multi-term contract and assuming funds are appropriated to support continuation of services for succeeding fiscal periods, the original contract may be renewed annually for a total time of contract not to exceed five (5) consecutive fiscal years.

Board Contact

No business entity, including any agent of such entity, shall directly or indirectly contact any Board member immediately before or during the RFP process of any project on which the business entity intends to or has submitted a RFP. Any Responder violating this policy shall be deemed disqualified from the RFP process. Should such contact come to light after the RFP is awarded and the entity was deemed the successful Responder, the Board reserves the right to cancel any contract awarded, in which case, the Responder shall be liable for any damage incurred by the District. The Board shall exercise its best judgment for the benefit of the District in making a decision whether to proceed or not, depending on all of the facts and circumstances.

Termination of Contracts/Purchase Orders

The District reserves the right to terminate all purchase orders or contracts with due cause by giving a ten (10) calendar day written notice or may terminate without cause by giving a thirty (30) calendar day written notice. Due cause for termination of contract shall include, but not be limited to, failure to provide services required within a reasonable time period, and/or for reasons of unsatisfactory service. Purchase orders or contracts which extend into a subsequent fiscal year will automatically terminate if the District does not appropriate funds for the goods and/or services under the purchase order or contract.

Assignability

A contract is not assignable by Consultant either in whole or in part im0912 0 0.0 or 4(the)4(r 0.00.<</MCID 9/L

Payment of Prevailing Wages

The Contractor and all Subcontractors shall pay all workers on all work performed pursuant to the Contract not less than the general prevailing rate of per diem wages and the general prevailing rate for holiday and overtime work as determined by the Direct or of the Department of Industrial Relations, State of California, for the type of work performed and the locality in which the work is to be performed within the boundaries of the District, pursuant to sections 1770 et seq. of the California Labor Code

Bonds

A certified check, cashier's check, or bid bond in the amount designated on the Bid Form shall be provided with your bid as a guarantee that the contractor, upon award, shall execute the contract, in conformity with the contract.

Patents, Etc.

The Responder shall hold the District, its officers, agents, servants, and employees harmless and free from liability of any nature or kind on account of use (by publisher, manufacturer, or author) of any copyrighted or non -copyrighted composition, secret process, patented invention, article or appliance furnished or used under this RFP.

Signing of Proposals

The signature of all persons signing shall be in longhand and executed by principal duly authorized to make contracts. The bidder's legal name shall be fully stated. Obligations assumed by such signature must be fulfilled.

Failure to Fulfill Contract

When any Responder shall fail to deliver any article or service or shall deliver any article or service which does not conform to the specifications, the District may, at its sole discretion, annul and set aside the contract entered into with said Responder, either in whole or in part, and make and enter into a new contract for the same items in such manner as seems to the Board of Education to be to the best advantage of the District. Any failure for furnishing such articles or services by reason of the failure of the Responder, as above stated, shall be a liability against such Responder and his sureties. The Board of Education reserves the right to cancel any articles or services which the successful Responder may be unable to furnish because of economic conditions, governmental regulations or other similar causes beyond the control of the Responder provided satisfactory proof is furnished to the Board or Education, if requested.

Contract Exclusive

The provisions of the contract shall in no way prohibit the District from making purchases from another supplier for the same services as herein listed.

Proprietary Information

There can be no portions of the submitted quote to be treated as proprietary and confidential information even if they are marked as such. Due to the California Public Records Act all information submitted is to be considered open for public review.

requirements will constitute a waiver of the right to challenge and forever bar the Responder

the failure of the Bidder, as described in this paragraph, shall be paid by the Bidder or his surety.

Listing Subcontractors

Each firm shall include with the sealed proposal a list of the proposed subcontractors on this project. Forms for this purpose are furnished with the contract documents.

Cost Proposal

RFP #25-0116-1

Responder Company Name:_____
Responder Name:_____
Responder Title:_____
Responder SPIN:_____
Responder Phone:_____

											1M Fiber Patch Cables
Hollywood Park	4915 Harte Way, Sacramento, CA 95822	505	500	147				1152			

Janea-marking@scusd.edu	
Email	Email
916-643-9055	
Phone	Phone

Fingerprint Certification

RFP #25-0116-1

Responder Certification

I, _____, am an authorized representative of/doing business as (Name of Responder/consultant)_____, and hereby certify that, pursuant to Education Code Section 45125.1, this business entity has conducted the required criminal background check(s) of all its employees who may have contact with District pupils or unsupervised access to any District campus of the Sacramento City Unified School District on behalf of this business entity, and that none of those persons have been reported by the Department of Justice as having been convicted of a serious or violent felony as specified in Penal Code Sections 667.5(c) and/or 1192.7(c).

Failure to comply with these terms, or permitting unsupervised access by an employee whose name has not been cleared by DOJ as certified by the Contractor shall constitute grounds for termination of this Agreement.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.
Executed this_____ day of _____, 20_____, in_____ County, California.

_____
Name of Responder/Consultant (please print)

_____
Name/Title of Authorized Representative (printed)

_____
(Signature)

Insurance Acknowledgement

RFP 25-0116-1

Notice to Bidders regarding Indemnity and Insurance Requirements

Commercial General Liability and Automobile Liability Insurance

Contractor shall procure and maintain, during the life of the contract, Commercial General Liability Insurance and Automobile Liability Insurance that shall protect Contractor and District, from all claims for bodily injury, property damage, personal injur y, death, advertising injury, and medical payments arising from operations under this Contract. This coverage shall be provided in a form at least as broad as Insurance Services (ISO) Form CG 0001 11188. Contractor shall ensure that Products Liability and Completed Operations coverage, Fire Damage Liability, and

Performance Bond: A bond in an amount at least equal to one hundred percent (100%) of Cost Proposal as security for faithful performance of the contract.

Payment Bond: A bond in an amount at least equal to one hundred percent (100%) of the Cost Proposal as security for payment of persons performing labor and/or furnishing materials in connection with the contract.

Cost of bonds shall be included in the Cost Proposal. All bonds related to this Project shall be in the forms set forth in the RFP and shall comply with all requirements of the RFP, including, without limitation, the bond forms.

Indemnity

To the furthest extent permitted by California law, the Contractor shall indemnify, defend with legal counsel reasonably acceptable to the District, keep and hold harmless the District, its consultants and separate contractors, and their respective board members, officers, representatives, contractors, agents, and employees, in both individual and official capacities ("Indemnitees"), against all suits, claims, damages, losses, and expenses, including but not limited to attorney's fees, caused by, arising out of, resulting from, or incidental to, the performance of the Work under this Contract by the Contractor, its Subcontractors, vendors, or suppliers, except to the extent caused by the sole negligence, active negligence, or willful misconduct of the Indemnitees, and/or to any extent that would render these provisions void or unenforceable. This agreement and obligation of the Contractor shall not be construed to negate, abridge, or otherwise reduce any right or obligation of indemnity that would otherwise exist as to any party or person described herein. This indemnification, defense, and hold harmless obligation includes any failure or alleged failure by Contractor to comply with any provision of law, any failure or alleged failure to timely and properly fulfill all of its obligations under the Contract Documents in strict accordance with their terms, and without limitation, any stop payment notice actions or liens, including Civil Wage and Penalty Assessments and/or Orders by the California Department of Industrial Relations.

The Contractor shall give prompt notice to the District in the event of any injury (including death), loss, or damage included herein. Without limitation of the provisions herein, if the Contractor's agreement to indemnify, defend, and hold harmless the Indemnitees as provided herein shall be determined to be void or unenforceable, in whole or in part, it is the intention of the parties that these circumstances shall not otherwise affect the validity or enforceability of the Contractor's agreement to indemnify, defend, and hold harmless the rest of the Indemnitees, as provided herein. Further, the Contractor shall be and remain fully liable on its agreements and obligations herein to the full extent permitted by law.

In any and all claims against any of the Indemnitees by any employee of the Contractor, any Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, the Contractor's indemnification obligation herein shall not be limited in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for the Contractor or any Subcontractor under workers' compensation acts, disability benefit acts, or other employee benefit acts.

The District may retain so much of the moneys due the Contractor as shall be considered necessary, until disposition of any such suit, claims or actions for damages or until the District, Architect and Construction Manager have received written agreement from the Contractor that they will unconditionally defend the District, Architect and Construction Manager, their officers, agents and employees, and pay any damages due by reason of settlement or judgment.

The defense and indemnification obligations hereunder shall survive the completion of Work, including the warranty/guarantee period, and/or the termination of the Agreement.

I have read and understand the above requirements and agree to be bound by them for any work performed for the District.

_____

Name of Responder (please print)

_____

Name/Title of Authorized Representative (printed)

_____

(Signature) (Date)

Designated Subcontractor List

RFP 25-0116-1

Responder acknowledges and agrees that under Public Contract Code section 4100, et seq., it must clearly set forth below the name, location and California contractor license number of each subcontractor who will perform work or labor or render service to the Respond er in or about the construction of the work or who will specially fabricate and install a portion of the work in an amount in excess of one-half of one percent (0.5%) of Responder's total Cost Proposal and the kind of work that each will perform. Vendors or suppliers of materials only do not need to be listed.

Responder acknowledges and agrees that under Public Contract Code section 4100, et seq., if Responder fails to list as to any portion of work, or if Responder lists more than one subcontractor to perform the same portion of work, Responder must perform tha t portion itself or be subjected to penalty under applicable law. In case more than one subcontractor is named for the same kind of work, state the portion of the kind of work that each subcontractor will perform.

Subcontractor Name: _____

CA Cont. Lic. #: _____ Location:_____

Portion of Work:_____

Subcontractor Name: _____

CA Cont. Lic. #: _____ Location:_____

Portion of Work:_____

Subcontractor Name: _____

CA Cont. Lic. #: _____ Location:_____

Portion of Work:_____

Subcontractor Name: _____

CA Cont. Lic. #: _____ Location:_____

Portion of Work:_____

Subcontractor Name: _____

CA Cont. Lic. #: _____ Location:_____

Portion of Work:_____

_____

Name of Responder (please print)

_____

Name/Title of Authorized Representative (printed)

_____

(Signature) (Date)

Bid Bond

RFP 25-0116-1