



## Ocean Springs School District Network Wiring Reinstallation RFP FY19

Ocean Springs School District (OSSD) is seeking proposals to engage a contractor to remove existing network wiring and provide/install network wiring at the following school sites - Oak Park Elementary-2230 Government Street and Pecan Park Elementary- Pecan Park Elementary-504 Hanley Street.

This request for proposal will be advertised in the Mississippi Press and specifications and guidelines may be obtained by visiting [www.ossdms.org](http://www.ossdms.org) or [www.centralauctionhouse.com](http://www.centralauctionhouse.com) Proposals may be submitted electronically by contacting Central Bidding at 225-810-4814 and setting up an account or in person or via postal service of choosing to the Ocean Springs School District Business Office, 2300 Government St. Ocean Springs, MS 39564, ATTN: Amy Armata-Purchasing Agent. Submissions are to be in a sealed envelope clearly marked: **RFP- Network Wiring Reinstallation RFP SY19** and returned no later than 2:00 PM CST, February 12, 2019 at which time submissions will be opened in the Ocean Springs School District Business Office located 2300 Government Street, Ocean Springs, MS 39564. The Board reserves the right to reject any and all bids. Late bids will not be accepted.

### Timeline:

Posting of Bid Notice to the State Bid Bank	1/10/2019
Notice to Bid in Newspaper #1	1/11/2019
Notice to Bid in Newspaper #2	1/18/2019
Mandatory Walk Through	1/24/2019, 9:00AM CST
Last day to submit questions via email regarding RFP	2/1/2019
RFP Submissions Due and Opened	2/12/2019, 2:00PM CST
Recommendation to the BOT	3/12/2019

**Inquiries:** All correspondence and inquiries regarding this RFP must be done via email and sent to: [cwilson@ossdms.org](mailto:cwilson@ossdms.org), [dreid@ossdms.org](mailto:dreid@ossdms.org), [aarmata@ossdms.org](mailto:aarmata@ossdms.org) All inquiries will be answered and posted to the OSSD website, [www.ossdms.org](http://www.ossdms.org) under the Business Office tab.

OSSD has posted a 470 with USAC for Erate discounts for this project therefore the responsive proposal must agree to provide an Erate Spin Number, aid in the application for E-rate funding and agree to all Erate requirements and payment terms included in the specifications as required for the Erate Program. In the event that Erate discounts are not approved, the district reserves the right to cancel any or all of the product purchases and/or services required to complete this project. The project will be scheduled at a time that does not interfere with instruction, e.g., summer break, evenings etc. and cannot commence until the summer following

Network Wiring Reinstallation RFP FY19

the awarding of Erate funding. Prices quoted and listed in the Erate funding request (471) must be honored until the completion of the project.

All firms wishing to submit a proposal **must** attend a **mandatory walk-through** for each site on January 24<sup>th</sup>, 2019 at 9:00AM CST (Please meet at OSSD Technology Department -400 Holcomb Blvd. to begin walkthrough). Because the network wiring reinstallation project encompasses two sites, the project cost must be submitted and totaled by school site. Maps will be distributed during the walkthrough.

## **Submittals**

The following are related to submittal of quotes:

1. Each quote is to list all labor, material, and hardware costs in an itemized fashion for each site. The detailed spreadsheet is to include itemized unit pricing, cost per unit, and extended prices for each of the material and hardware components as well as the specific labor functions.
2. A cost, per outlet, to add or delete outlet locations is to be included in the pricing format. This cost is not to include any changes in hardware or patch-panel quantities.
3. Include a scope of work provided that details all of the functions to be provided by for the project.

## **Miscellaneous**

All data found in this RFP and associated documents are considered to be confidential information. Further, data gathered as a result of meetings and walk-through visits is considered to be confidential information. This confidential information shall not be distributed outside of organizations directly related to the contractor without expressed, written approval.

Further, all data submitted by prospected contractors will be treated as confidential and proprietary; it will not be shared outside the vendor-evaluation committee.

## **Instructions and Conditions**

- The Board reserves the right to reject any and all proposals either in whole or in part, or to reject a proposal which is any way incomplete or irregular and to waive informality or waive any part thereof.
- The Ocean Springs School District may terminate the contract, in whole or in part, in the event funding is either in proration or otherwise no longer available
- Any questions should be emailed to the Director of Technology, Cindy Wilson, [cwilson@ossdms.org](mailto:cwilson@ossdms.org), Technology Analyst Doyle Reid [dreid@ossdms.org](mailto:dreid@ossdms.org), and Purchasing Agent, Amy Armata [aarmata@ossdms.org](mailto:aarmata@ossdms.org)
- Ocean Springs School District is exempt from Mississippi sales tax and most Federal taxes. Exemption certification information appears on all purchase orders issued by the District.
- Any licenses or permits that may be required to perform any of the work or provide any equipment anticipated by this request for proposal shall be obtained by and at the expense of the service provider. Evidence of any required licenses

Network Wiring Reinstallation RFP FY19

or permits shall be provided to the School District upon request. Any fines or penalties levied by any governmental entity for conduct by the service provider in connection with the work contemplated by this request for bids shall be paid for by the service provider.

- The scope of this contract may be scaled up or down to meet funding guidelines with the Ocean Springs School District budget.
- This project will be a deliverable based engagement
- The bidder must state assumptions for this project, including how pricing was calculated and on what it was based, and any other assumptions used to determine the amount of work necessary to ensure success.
- The Ocean Springs School District will not award this project based solely on lowest bid, but rather most qualified bidder and the following criteria will be taken into account
  - Price of the eligible goods and services
  - Meets or exceeds the minimum specifications
  - Vendor qualifications, certifications, etc.
  - Prior experience, references, and resumes of local engineering staff
- The Ocean Springs School District reserves the right to review resumes, check credentials and approve or disapprove the assignment or reassignment of vendor personnel.
- All equipment and work will be in accordance with specifications and funding deemed acceptable by the Ocean Springs School District.

## **Proposal Qualifications**

- Financial stability. Responsive proposals must provide proof of ability to handle this project with lines of credit from manufacturer that will allow shipment of product on credit until project is signed for, accepted and completed. No payment will be provided for any equipment installed until the final inspection and acceptance has been approved by the district.
- Each responsive proposal must be able to supply local response service.
- Established in providing products and/or repair service.
- In good financial standing with manufacturers of all products proposed in this bid.
- Each bidder must list all areas of the qualifications they are not able to meet and provide an explanation where the qualification was not met.

## **General Equipment Requirements**

- All equipment and materials used shall be standard components, regularly manufactured, regularly utilized in the manufacturer's system.
- All systems and components shall have been thoroughly tested and proven in actual use.
- Equipment of like standards or specification may be substituted in the bid, but must meet or exceed the specifications listed in the scope of work. If a substitution is made, details specifications should be shown for the equipment.
- Individual components should be itemized as specified including equipment, materials, software, licenses, and warranties, with a combining total shown for the entire proposal.

## INSTRUCTIONS TO VENDORS-PART A BID

For the purposes of clarity, the terms contractor, vendor and seller shall be synonymous. The terms Ocean Springs School District and owner shall be synonymous. The terms Bid and Proposal shall be synonymous.

1. **Contract Documents:** The District's expectations with respect to the performance by each vendor and by each seller in connection with the District's purchase are set forth in the Instructions to Vendors. Vendors who fail to examine and comply with the bid documents do so at their own risk.
2. **Preparation of Bid:** Any explanation desired by a vendor regarding the meaning or interpretation of any portion of these documents must be requested in writing and directed to the Business Office in sufficient time for a reply to reach vendor before the submission of their Bid (s). Oral explanations or instructions given before the opening of the Bids (s) will not be binding. Any information given to one prospective vendor will be furnished to all prospective vendors as a Bid Addendum, if such information is necessary to vendors in submitting their Bids (s) or if the lack of such information would be prejudicial to an uninformed vendor.
3. **Information Required:** Each vendor shall furnish the information required by these documents. The vendor shall sign the Bid, all addenda, and the Bid Sheet. The person signing the Bid must initial erasures or other changes. Bids signed by an agent must be accompanied by evidence of the agent's authority unless such evidence has been furnished previously to the District's Business Office. Bids must be firm. If the vendor believes it necessary to base his/her price on price adjustment, such Bid may be considered, but only as an alternate. The District is not required to pay Federal Excise Taxes and Mississippi and local retail sales and use taxes. Tax exemption certificates will be provided upon request. Bids submitted on other than district forms or with different terms or provisions may be considered as non-responsive. The district expects that all Bids will remain valid until thirty (30) days after the Bid opening or until contracts are signed and operational, whichever comes first. If a vendor indicates in the Bid that he/she may withdraw the Bid in less than thirty (30) days, this factor will be considered in awarding the contract. Each Vendor will certify that: no federal or state suspension or debarment is in place, no criminal history of the firm/vendor or its employees exists, there is no collusion involved in presenting the Bid or its components, and the minimum insurance requirements are in place. Vendor/Seller represents and warrants that it will ensure its compliance with the Mississippi Employment Protection Act (Senate Bill 2988 from the 2008 Regular Legislative Session) and will register and participate in the status verification system for all newly hired employees. The term "employee" as used herein means any person that is hired to perform work with the State of Mississippi. As used herein, "status verification system" means the Illegal Immigration Reform and Immigration Responsibility Act of 1996 that is operated by the United State Department of Homeland Security, also known as the E-Verify Program, or any other successor electronic verification system replacing the E-Verify Program. Vendor/Seller agrees to maintain records of such compliance and, upon request of the State, to provide a copy of each such verification to the State. Vendor/Seller further represents and warrants that any person assigned to perform services hereunder meets the employment eligibility requirements of all immigrations laws of the state of Mississippi. Vendor/Seller understands and agrees that any breach of these warranties may subject Vendor/Seller to the following: (a) termination of the Agreement and ineligibility for any state or public contract in Mississippi for up to three (3) years, with notice of such cancellation/termination being made public, or (b) the loss of any license, permit, certification or other document granted to Vendor/Seller by an agency, department or governmental entity for the right to do business in Mississippi for up to one (1) year, or (c) both. In the event of such termination/cancellation, Vendor/Seller would also be liable for any additional costs incurred by the State due to contract cancellation or loss of license or permit.
4. **Submission Format of Bids:** Sealed Bids should be returned in an envelope marked on the outside with the vendor's name and address and the BID name. Address to: Ocean Springs School District, Business Office, 2300 Government Street, Ocean Springs, MS 39564 in sufficient time to be received and stamped at the location specified on or before the opening date and time. Bids presented after the time and date, of the beginning of the opening process, will not be accepted. All acceptable Bids will be publicly opened and read in the Business Office of the Ocean Springs School District, 2300 Government Street, Ocean Springs, MS 39564, unless otherwise indicated on the announcement page of the BID. This solicitation does not commit the District to award a contract, pay any costs incurred in the preparation of the BID, or to procure or contract for the articles of goods or services.
5. **Modification or Withdrawal of Bids:** Bids may be modified or withdrawn by written notice received by the District's Business Office prior to the exact hour and date specified for receipt of Bids. All modifications must

be presented in a sealed envelope. A BID may also be modified or withdrawn in person by a vendor or an authorized representative, provide his/her identity is made know and he/she signs a receipts for the modification or withdrawal, but only if the modification or withdrawal is made prior to the exact hour and date set for in the receipt of Bids.

6. **Evaluation Factors:** "Most Advantageous BID". The District will award contracts to the vendors/s who submit the "**lowest and best value BID**" to the District. **Evaluation of Bids shall be based on what is the best overall solution for the Ocean Springs school District.** After awarding of Bids, the District reserves the right to negotiate the "**lowest and best value BID**", if in the District's sole discretion negotiation is appropriate under the circumstances and in the best interest of the District. It expressly reserves the right to request the "best and final" BID from the "**lowest and best value BID**" vendor's after the opening of the Bids. In all events, the District reserves the right to re-BID. The District expressly reserves the right to waive minor deviations from the specification when it is determined that total cost to the District of the deviating BID is lower than the lowest conforming BID which meets all aspects of the specifications, and the overall function of the goods or services, or both, specified in the deviating BID is equal to or greater than that of the conforming BID. In conjunction, the District also reserves the right to:
  - Waive any defect, irregularity or informality in any BID procedures
  - Reject any or all Bids
  - Award the entire BID to one vendor
  - Award the BID or portions to more than one vendor
  - Award the BID under the most beneficial terms for the District
  - Extend the opening time and date
  - Procure any item of the BID by other means approved by State and the District's regulations

## INSTRUCTIONS TO VENDORS-PART B

### STANDARD TERMS OF AGREEMENT AND CONDITIONS OF BID

For the purposes of clarity, the terms contractor, vendor and seller shall be synonymous. The terms Ocean Springs School District and owner shall be synonymous. The terms BID and Proposal shall be synonymous.

- 1. Purchases:** Every purchase by the Ocean Springs school District of goods, services, or both, shall be governed by the following terms and conditions, except to the extent that such terms, and conditions are specifically modified or altered by the terms and conditions of the specifications sheets/s.
- 2. Gratuities:** The District may, by written notice to the Seller, cancel this contract without liability to Seller and District if it is determined by District that gratuities, in the form of entertainment, gifts, or otherwise, were offered or given by the Seller, or any agent, or representative of the Seller, to an officer or employee of the District with a view toward securing a BID or securing favorable treatment with determinations with respect to the performance of such BID. In the event this BID is canceled by District pursuant to this provision, District shall be entitled, in addition to any other rights and remedies, to recover or withhold the amount of the cost incurred by Seller.  
**Prohibition against Personal Interest in Bids:** If any member of the Board of Trustees of the District or any employee of the District has any interest, either direct or indirect, in the business of the Seller, such interest must be disclosed in Seller's BID. At the discretion and interpretation of the District, such interest may disqualify the Seller/Vendor as meeting the requirements of this BID.
- 3. Special Tools and Test Equipment:** If the price stated in the Proposal includes the cost of any special tooling or special equipment fabricated or required by Seller for the purpose of fulfilling Seller's obligations, such special tooling equipment and any process sheets related thereto shall become the property of the District, to the extent feasible, and shall be identified by the Seller as such.
- 4. Warranty and Price:** The price to be paid by the District shall be contained in Seller's proposal which Seller warrants to be no higher than Seller's current prices on order for products/services of the kind and specification covered by this agreement for similar quantities under similar or like conditions and methods of purchase. The Seller warrants that no person or selling agency has been employed or retained to solicit or secure this BID upon an agreement or understanding for commission, percentage, brokerage, or contingent fee that would exceed the BID proposal pricing. For breach or violation of this warranty, the District shall have the right in addition to any other right or rights to cancel this BID without liability and to deduct from the BID price, or otherwise recover the full amount of such commission, percentage, brokerage or contingent fee.
- 5. Warranty Products:** Seller shall not limit or exclude any implied warranties. Any attempt to do so shall render this BID void at the option of the District. Seller warrants that the goods/services furnished will conform to the specification, drawings and descriptions contained in the BID Documents and to the sample/s furnished by Seller, if any.
- 6. Safety Warranty:** Seller warrants that the product or service sold/distributed in the District shall conform to the standards promulgated by the U. S. Department of Labor under the Occupational Safety and Health Act (OSHA) of 1970. In the event the product/service does not conform to OSHA standards, District may discontinue the use of products/services at the Sellers expense.
- 7. No Warranty by District against Infringements:** As part of this BID for sale, Seller agrees to ascertain whether goods manufactured or services provided in accordance with the specifications attached to the agreement will give rise to the rightful claim of any third person by way of infringement or the like. District makes no warranty that the production of goods/services according to the specification will not give rise to such a claim. In the event the Seller is sued on the grounds of infringement or the like will result, the Seller will notify District to the effect in writing, of the notification of infringement. If District does not receive notice and is subsequently held liable for the infringement or the like, Seller will indemnify the District and hold District harmless from any loss, cost or expense. If Seller ascertains that production of the goods/services in accordance with the specifications will result in infringement or the like, this BID shall be null and void. The Seller at the end of the warranty period shall deliver to the District any and all documents and operating manuals for technology, equipment, telecommunication access/passwords and training to maintain the equipment to continue to operate the systems.
- 8. Commitment of Current Revenue:** The BID is conditioned on a best effort attempt by this governing body to obtain and appropriate funds for payment of the BID and the continuing right to terminate. This BID is a commitment of the District's current revenues only.

**9. Advertising:** Seller shall not advertise or publish, without District's prior consent, the fact that District has entered into this BID, except to the extent necessary to comply with proper requests for information from an authorized representative of the federal, state or local government.

**10. Right to Assurance:** Whenever one party to this BID 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 this intent to perform. In the event that a demand is made and no assurance is given within five (5) days of the request, the demanding party may treat this failure as an anticipatory repudiation of the BID.

**11. Independent Contractor:** Seller shall perform the services and/or provide goods required by the BID Document as an independent contractor and shall furnish such services/goods in its own manner and method. Under no circumstances or conditions shall any agent, servant, or employee of Seller be considered as an employee of the District.

**12. Hold Harmless:** Seller shall fully indemnify, save and hold harmless the District, its officers, employees, and agents (hereafter "the indemnities") against any and all liability, damage, loss, claims, demands and actions of any nature whatsoever on account of personal injuries (including, without limitation on the foregoing, worker's compensation and death claims), or property loss or damage of any kind whatsoever, which arise out of or in any manner connected with, or are claimed to arise out of or be in any manner connection with, the performance of the BID and its awarded products/services. Seller shall, at its own expense, investigate all such claims and demands, attend to their settlement or other disposition, defend all actions based thereon and pay all charges of attorneys and all other costs and expenses of any kind arising from any such liability, damage, loss, claims, demand and actions.

**13. Assignment Delegation:** No right or interest in this BID shall be assigned or delegation of any obligation made by Seller without the written approval of the District. No BID or its provisions may be assigned, sublet or transferred without the written consent of the District. The performance of this BID by Seller is of the essence of the BID and the District's right to withhold consent to such assignment or delegation by Seller shall wholly void and hold totally ineffective for all purposes unless made in conformity with this paragraph.

**14. Waiver:** No claim or right arising out of a breach of this BID can be discharged in whole or in part by a waiver or renunciation of the claim or right unless the waiver or renunciation is supported by consideration and is in writing signed by the aggrieved.

**15. Modifications:** The signed BID can be modified or rescinded only by a written request signed by both parties and their duly authorized agents.

**16. Modification to Specifications:** Any and all variances from the items specified must be submitted in writing to the Business Office in addition to detailed manufacturer's specifications ten (10) days prior to BID Opening.

**17. Non-Resident Vendors:** Non-resident vendors must include documentation of the non-resident vendor's state preference laws. This is the amount or percentage of preference states give to resident vendors from their own state when awarding Bids. If the local state does not have a non-resident vendor's preference law, please attach a letter stating such. Such non-resident preferences shall be treated in a reciprocal manner.

**18. Applicable Law:** This BID shall be governed by the Mississippi Code as enacted by legislature which is effective and in force on the date of this BID together with any other laws of the United States, The State of Mississippi, Ordinances of the County of Jackson, Mississippi and the City of Ocean Springs, Mississippi and the policies and procedures of the Ocean Springs School District.

**19. Interpretation Evidence:** The BID Documents are intended by the parties as the final expression of their agreement and are intended also as a complete and exclusive statement of the terms of their agreement. No course of prior dealings between the parties and no usage of the trade shall be relevant to supplement or explain any term used in this agreement. Acceptance or acquiescence in a course of performance rendered under this agreement shall not be relevant to determine the meaning of this agreement even though the accepting or acquiescing party has knowledge of the performance and opportunity for objection. Whenever a term defined by codes, is used in this agreement, the definition contained in the code is to control.

**20. E-Verify Program:** Vendor/Seller represents and warrants that it will ensure its compliance with the Mississippi Employment Protection Act (Senate Bill 2988 from the 2008 Regular Legislative Session) and will register and participate in the status verification system for all newly hired employees. The term "employee" as used herein means any person that is hired to perform work with the State of Mississippi. As used herein, "status

verification system” means the Illegal Immigration Reform and Immigration Responsibility Act of 1996 that is operated by the United States Department of Homeland Security, also known as the E-Verify Program, or any other successor electronic verification system replacing the E-Verify Program. Vendor/Seller agrees to maintain records of such compliance and, upon request of the State, to provide a copy of each such verification to the State. Vendor/Seller further represents and warrants that any person assigned to perform services hereunder meets the employment eligibility requirements of all immigration laws of the State of Mississippi. Vendor/Seller understands and agrees that any breach of these warranties may subject Vendor/Seller to the following: (a) termination of this Agreement and ineligibility for any state or public contract in Mississippi for up to three (3) years, with notice of such cancellation/termination being made public, or (b) the loss of any license, permit, certification or other document granted to Vendor/Seller by an agency, department or governmental entity for the right to do business in Mississippi for up to one (1) year, or (c) both. In the event of such termination/cancellation, Vendor/Seller would also be liable for any additional costs incurred by the State due to contract cancellation or loss of license or permit.

**21. Venue:** Both parties agree that venue for any litigation arising from this BID shall lie in Jackson County, Mississippi.

**22. Payments:** No partial payments will be given for services/products until the job/order is complete.



## SCOPE OF WORK

The contractor shall furnish all labor, tools, equipment, and reasonable incidental services necessary to remove existing horizontal and riser data communications cabling plant. This is to include, but is not necessarily limited to removal of existing faceplates, raceway, modular jacks, connectors, data patch panels, and cables.

The contractor shall furnish all labor, materials, tools, equipment, and reasonable incidental services necessary to complete an acceptable installation of horizontal and riser data communications cabling plant. This is to include, but is not necessarily limited to, faceplates, modular jacks, connectors, data patch panels, cables, and fiber optics.

Specific model numbers and manufacture of modular jacks, faceplates and patch panels will be provided to be used.

Work shall include all components for both horizontal and riser data cable plant from work-station outlet termination to wire-room terminations. All cable-plant components, such as outlets, wiring-termination blocks, racks, patch cables, etc., will be furnished, installed, and tested by this contractor. The data cable plant is designed to support a 1 Gb plus Ethernet computer network.

The scope of work includes all activities needed to complete the wiring described in this document. Drawings that specify room numbers and wall plate locations will be made available during the **mandatory walk-through**.

## CABLE PLANT

The following section covers the installation of the horizontal cabling, backbone cabling, cable pathways, fire-code compliance, and wire identification.

### Horizontal Cable

The following requirements apply to horizontal cabling:

1. Horizontal cable should never be open but rather run through walls or be installed in raceway if the cable cannot be installed in walls.
2. The contractor is responsible for pulling, terminating, and testing all circuits being installed.
3. The horizontal cable for the data network will be riser, twisted-pair wire specified as Category 6 by the ANSI/TIA/EIA-568-A Standard and shall be UL-listed and verified.
4. Testing for the distribution components will comply with ANSI/TIA/EIA-568-A Category 6 specifications and will certify 100 percent functionality of all conductors. All circuits must be tested and found in compliance. All testing results will be provided to customer in a hard copy and electronic Excel format.
5. Each cable will be assigned and labeled with a unique cable number.

6. Wire management will be employed to the MDF and IDF.

### **Data Backbone Cabling**

The following specifications apply to the data backbone cabling:

1. An ANSI/TIA/EIA-568-A compliant multimode fiber-optic cable network that supports 10Gbps is to be the backbone between the main distribution frame (MDF) and any intermediate distribution frame (IDF).
2. All IDFs shall have 12 strands of multimode fiber-optic cable between the IDFs and the MDF.
3. All fibers are to be terminated using LC-type connectors.
4. All fiber is to be installed in an innerduct from rack to rack. A 10-foot coil of fiber is to be safely and securely coiled at each rack. The contractor will be responsible for any drilling or core holes and sleeving necessitated by national, state, and/or local codes.
5. The fiber-optic patch panels are to be configured to the amount of strands terminated at each location. Fiber-optic panels will be metallic, are to have a lockable slack storage drawer that can pull out, and will occupy one rack position.
6. Testing of fibers will be done using a power meter. The tests will be conducted bidirectionally. All test results will be provided to the customer in a hard copy and electronic Excel format.

### **Fire-Code Compliance**

All cabling installed in the riser and horizontal distribution shall meet or exceed all local fire codes.

### **Wiring Pathways**

The following are related to the installation of cable in the ceiling and other cable pathways:

1. The methods used to run cable through walls, ceilings, and floor will be subject to all state and local safety code and fire regulations. The contractor assumes all responsibility for ensuring that these regulations are observed.
2. Cables will be routed behind walls wherever possible. Surface-mount raceway will be used where necessary.
3. New cables will be independently supported using horizontal ladders or other wire-suspension techniques. Cables will not be allowed to lie on ceiling tiles or attached to electrical conduit.

4. System layout will restrict excessive cable lengths; therefore, routing of horizontal cables will be in a manner as not to exceed 100 meters from device plate to patch panel located in the assigned wiring room. Each cable will be a home-run directly from its patch panel to the wall plate.
5. Cables will be terminated at the rear of the patch panel within the wiring rooms and at the wall plates only. There will be no splicing of any cables installed.

### **Wiring Identification**

All cables, wall jacks, and patch-panel ports shall be properly tagged in a manner to be determined at a later date. Camera and wireless access points should be color coded or labeled accordingly. Each cable end must be identified within six inches from the termination point.

### **Telecommunications Rooms**

The following are related to the installation of the telecommunications (MDF/IDF) rooms:

1. The rooms to be used as the originating points for network cables that home-run to the room outlets are referred to as MDF/IDFs or telecommunications rooms. All racks and their exact locations will be confirmed during the mandatory walk-through; their locations are specified on the drawings that will be provided during the initial walk-through.
2. Rack layout should provide enough space to accommodate the cabling, equipment racks, patch panels, and network-control equipment, as required. Additionally, the locations should provide for convenient access by operational personnel.
3. **The current racks will be utilized as there should be sufficient room for new cable management.**

### **Cable Management**

The following relates to cable management in the telecommunications rooms:

1. A layout will be provided on how the 24 port patch panels will be installed on the Racks.

### **Termination and patch panels specs**

1. Panduit CJ688TGBL UTP Mini-Com universal jack module.
2. Panduit CPP24FMWBLY Mini-Com 24 port modular flush mount patch panel.
3. Panduit CFP2L2WHY Mini-Com vertical faceplate.

## **Oak Park Elementary**

### **MDF near room 209**

1. No termination blocks or horizontal wire management will be reused.
2. The current racks will be used.
3. New 24 patch panels will be used.

### **IDF in front office storage room**

1. No termination blocks or horizontal wire management will be reused.
2. The current racks will be used.
3. New 24 patch panels will be used.

### **Rooms 101-107 excluding Room 104**

1. A single drop will be installed in the middle of the classroom and labeled as a Wireless Access Point on the MDF/IDF patch panel.
2. All Classrooms will have one 2 port outlet wall plate on the North and South wall. Each classroom will have a total of 5 drops.
3. Room 104 will not be included on new wiring.
4. The hallway will have new network drops for existing surveillance cameras.
5. All wiring will be routed and terminated to the MDF located near Room 209 and will utilize the Rack already installed but will require a new 24 port patch panels.

### **Rooms 301-310 excluding Room 309 (Media Center)**

1. A single drop will be installed in the middle of the classroom and labeled as a Wireless Access Point on the MDF/IDF patch panel.
2. Rooms 301, 302, 304, 305, 306, 308, and 310 will have one 2 port outlet wall plate on the North and South wall. Each classroom will have a total of 5 drops.
3. Room 303 will have one 2 port outlet wall plate on the North and South wall. This room will have a total of 5 drops.
4. Room 307 will have one 2 port outlet wall plate on the North wall. This room will have a total of 5 drops.
5. The hallway will have new network drops for existing surveillance cameras.
6. Rooms 301, 302 wiring will be routed and terminated to the IDF in the front office closet.

7. Rooms 301,303, 305, 306, 307, 308, and 310 will be routed and terminated to the MDF and will utilize the Rack already installed but will require a new 24 port patch panels.

### **Rooms 401-412**

1. A single drop will be installed in the middle of the classroom and labeled as a Wireless Access Point on the MDF/IDF patch panel.
2. Rooms 401, 402, 403, 406, 407, 408, 409, and 412 will have one 2 port wall plate on the East and West wall. Each classroom will have a total of 5 drops.
3. Room 404 will have one 2 port outlet wall plate on the South wall. This room will have a total of 3 drops.
4. Room 405 will have one 2 port outlet wall plate on the North and East wall. This room will have a total of 5 drops.
5. Rooms 410 and 411 are computer labs and will have 48 drops to be accessible for the work stations. Each Lab will also have a drop in the center of the room for a wireless access point. The current location of drops will be reused.
6. The hallway will have new network drops for existing surveillance cameras.
7. 401, 402 and 403 wiring will be routed and terminated to the IDF in the front office closet and will utilize the Rack already installed but will require a new 24 port patch panels.
8. 405, 406, 407, 408, 409, 410, 411 and 412 will be routed and terminated to the MDF and will utilize the Rack already installed but will require a new 24 port patch panels.

### **Rooms 500-508**

1. Rooms 500, 501, 504, 505, 506, 507 and 508 which is the office zones will have one 2 port outlet wall plate on existing locations. Each office will have a total of 6 drops excluding room 508 (Nurse Office) which will only have 2 drops on the west wall and 2 on the north wall.
2. A single drop will be installed in the Office Hallway and labeled as a Wireless Access Point on the MDF/IDF patch panel
3. Room 502 (Multipurpose Room) will have two 2 port outlet wall plates on the East wall. 2 port outlet wall plates on the North east and west, South east and west walls. This room will have a total of 12 drops.
4. Room 503 (Kitchen) Managers office will have one 2 port outlet wall plate on the North and West wall. Also a drop in the kitchen office will have a drop for a wireless access point. This room will have a total of 5 drops
5. The kitchen area will have one 2 port outlet wall plate as annotated. This will have a total of 2 drops.

6. The Office Hallway will have new network drops for existing surveillance cameras.
7. All wiring will be routed and terminated to the IDF in the front office closet and will utilize the Rack already installed but will require a new 24 port patch panels.

### **Current Surveillance Cameras**

1. New wiring will be pulled to all current surveillance locations as located on the map. All outdoor cameras will be terminated internally near the current connections.

## **Pecan Park Elementary**

### **MDF**

1. No termination blocks or horizontal wire management will be reused.
2. Fiber-optic cable will be run from MDF to IDF's.
3. A 7ft Rack will be added and used for terminated connections, switches and Neat Patches. I diagram of the layout will be provided.

### **500 Building IDF**

1. No termination blocks or horizontal wire management will be reused.
2. Fiber-optic cable will be run from MDF
3. A 7ft Rack will be added and used for terminated connections, switches and Neat Patches. I diagram of the layout will be provided.

### **IDF across from room 602**

1. No termination blocks or horizontal wire management will be reused.
2. Fiber-optic cable will be run from MDF
3. A 7ft Rack will be added and used for terminated connections, switches and Neat Patches. I diagram of the layout will be provided.

### **Administration office**

1. A single drop will be installed in the Office hallway and labeled as a Wireless Access Point on the MDF/IDF patch panel.
2. All office rooms will have one 2 port outlet wall plate on each wall. Each office will have a total of 8 drops.
3. There are a total of 5 offices in the Admin area.
4. All wiring will be routed and terminated to the MDF in the Media Center.

## **Media Center**

1. A single drop will be installed in the middle of the room and labeled as a Wireless Access Point on the MDF/IDF patch panel.
2. Teacher work station will have one 2 port outlet wall plate. This will have a total of 2 drops.
3. Mini computer lab will have two 2 port outlet wall plates on the North wall and one 2 port outlet wall plate on the South wall. This room will have a total of 6 drops.
4. The hallway will have new network drops for existing surveillance cameras.
5. All wiring will be routed and terminated to the MDF in the Media Center.

## **Cafeteria**

1. A single drop will be installed in the middle of the cafeteria and labeled as a Wireless Access Point on the MDF/IDF patch panel.
2. Kitchen Managers office will have one 2 port outlet wall plate on the East and South wall. This room will have a total of 4 drops.
3. The Café dining room will have two 2 port outlet wall plates on the West wall. This area will have a total of 4 drops.
4. The hallway will have new network drops for existing surveillance cameras.
5. All wiring will be routed and terminated to the MDF in the Media Center.

## **Nurse office**

1. A single drop will be installed in the middle of the room and labeled as a Wireless Access Point on the MDF/IDF patch panel.
2. The office will have one 2 port outlet wall plate on the North and South wall. This room will have a total of 5 drops.
3. The hallway will have new network drops for existing surveillance cameras.
4. All wiring will be routed and terminated to the MDF in the Media Center.

## **Office next to room 703**

1. A single drop will be installed in the middle of the office and labeled as a Wireless Access Point on the MDF/IDF patch panel.
2. The office will have one 2 port outlet wall plate on the South wall. This room will have a total of 3 drops.
3. The hallway will have new network drops for existing surveillance cameras.

4. All wiring will be routed and terminated to the MDF in the Media Center.

### **Rooms 203-209**

1. A single drop will be installed in the middle of the classroom and labeled as a Wireless Access Point on the MDF/IDF patch panel.
2. All classrooms will have one 2 port wall plate on the North and South wall. Each classroom will have a total of 5 drops.
3. Classrooms 204 and 206 are computer labs and will have a total of 48 drops each. Current locations will be utilized.
4. The hallway will have new network drops for existing surveillance cameras.
5. All wiring will be routed and terminated to the IDF next to room 602

### **Rooms 301-305**

1. A single drop will be installed in the middle of the classroom and labeled as a Wireless Access Point on the MDF/IDF patch panel.
2. All classrooms will have one 2 port wall plate on the East and West wall. Each classroom will have a total of 5 drops.
3. The hallway will have new network drops for existing surveillance cameras.
4. All wiring will be routed and terminated to the IDF next to room 602

### **Rooms 401-413**

1. A single drop will be installed in the middle of the classroom and labeled as a Wireless Access Point on the MDF/IDF patch panel.
2. All classrooms will have one 2 port wall plate on the North and South wall. Each classroom will have a total of 5 drops.
3. The hallway will have new network drops for existing surveillance cameras.
4. All wiring will be routed and terminated to the IDF next to room 602

### **Rooms 502-513**

1. A single drop will be installed in the middle of the classroom and labeled as a Wireless Access Point on the MDF/IDF patch panel.
2. All classrooms will have one 2 port wall plate on the North and South wall. Each classroom will have a total of 5 drops.
3. The hallway will have new network drops for existing surveillance cameras.
4. All wiring will be routed and terminated to the IDF in the building.



## **Rooms 601-608**

1. A single drop will be installed in the middle of the classroom and labeled as a Wireless Access Point on the MDF/IDF patch panel.
2. All Classrooms will have one 2 port wall plate on the East and West wall. Each classroom will have a total of 5 drops.
3. Room 607 will have one 2 port wall plate on the North and South wall. This classroom will have a total of 5 drops.
4. The hallway will have new network drops for existing surveillance cameras.
5. All wiring will be routed and terminated to the IDF next to room 602

## **Rooms 703-711A**

1. A single drop will be installed in the middle of the classroom and labeled as a Wireless Access Point on the MDF/IDF patch panel.
2. Rooms 703 and 705 will have one 2 port wall plate on the East and West wall. Each classroom will have a total of 5 drops.
3. Rooms 706 through 711A will have one 2port wall plate on the North and South Wall. Each classroom will have a total of 5 drops.
4. The hallway will have new network drops for existing surveillance cameras.
5. All wiring will be routed and terminated to the MDF in the Media Center.

## **Current Surveillance Cameras**

1. New wiring will be pulled to all current surveillance locations as located on the map. All outdoor cameras will be terminated internally near the current connections.

## **As-Built Diagrams**

Contractor will provide as-built documentation within 15 days of completion of the project. These prints will include outlet locations, outlet numbers, trunk-cable routing, and legends for all symbols

**OCEAN SPRINGS SCHOOL DISTRICT  
OCEAN SPRINGS, MISSISSIPPI**

**Network Wiring Reinstallation RFP FY19**

**By submitting this proposal we acknowledge and accept all terms and conditions and addenda.**

**PROPOSAL SUBMITTED BY:**

\_\_\_\_\_  
Name of Company

\_\_\_\_\_  
Date of Bid

\_\_\_\_\_  
Mailing Address of Company

\_\_\_\_\_  
Typed Name and Position of Representative

\_\_\_\_\_  
City, State, Zip Code

\_\_\_\_\_  
Signature of Representative

\_\_\_\_\_  
Telephone Number

\_\_\_\_\_  
SPIN Number

\_\_\_\_\_  
Total Amount of Proposal

\_\_\_\_\_  
Representative's Email Address