

PHS Fiber Construction

BID #247

E-Rate 470 # 190021029

Background

The Pearl Public School District is a premier school district in the heart of Mississippi. Its stakeholders include over 4000 students and their families, 530+ employees and the City of Pearl. Pearl School District is the pride of the community it serves and is consistently setting the bar for educational excellence.

During the summer of 2017, PPSD opened a new school located at 400 Treasure Cove, in Pearl. PPSD contracted to have its own buried fiber optic cabling installed to this facility. This school provides an excellent mid-point for additional fiber optic cabling to be ran to Pearl High School, located at 500 Pirates Cove, in Pearl. The purpose of this bid is to procure the services and installation of fiber optic cabling to connect Pearl High School to Pearl Upper Elementary.

Contact Information

All questions should be directed to Kevin W. Knuckles, Director of Technology. Mr. Knuckles may be contacted using the following contact information:

Phone: 601.933.9003

E-Mail: kknuckles@pearl.k12.ms.us

Questions that do not require a full addendum will be repeated and answered to all vendors.

Addendums

If any addendums are needed they will be issued by the technology department. Each addendum will be numbered as follows:

PHS FIBER CONSTRUCTION :: PPSD BID #247 :: ADDENDUM #N

All qualified vendors will receive the addendum via e-mail. It is responsibility of the vendor to ensure they have all addendums before they submit their bid.



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Site Visit/Pre-Bid Meeting

A mandatory pre-bid meeting will be held on February 19th, at 11:30 am for all interested bidders at the Pearl High School. The address is

500 Pirates Cove

Pearl, MS 39208

Vendor Qualifications

ALL vendors are required to meet the following requirements:

- Have a valid E-Rate SPIN number
- Must have a valid Mississippi Contractor's license.
- Must have current liability insurance
- Must have a BICSI Certified RCDD on staff
- At least one BICSI Certified Optical Fiber Installer to terminate and test fiber optic connections

Funding/Financing

Vendors should be aware that this project will be applied for funding support through the E-Rate Program. Vendors shall be aware that this project may be purchased before the project is funded through the E-rate program. Should the E-Rate program determine that this project is funded, the district will file for reimbursement through the E-Rate BEAR process. **Vendors agree to this process by submitting a bid.** The district reserves the right to reject this bid at a later time, depending on funding availability.

Mississippi Reverse Auction Law

This bid is being conducted using an exemption to the reverse auction law and is not subject to the reverse auction process. See 'Bid Submission' section regarding electronic submittal.



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Bid Submission

Sealed bids must be submitted via hand delivery, postal service, or package service no later than 2:00 on March 1st, 2019 to the following address:

Pearl Public School District
RE: BID #247
3375 HWY 80 E
Pearl, MS 39208

Bids received after this time will be discarded. It is the vendor's responsibility to ensure their bid has been received by the appropriate time. It is recommended, for those mailing in via postal or package delivery services, that signatures are required upon delivery.

Electronic Submission

Those vendors wishing to utilize electronic submission may do so via secure upload to OneDrive. Vendors shall contact Beth Ditto, bditto@pearl.k12.ms.us, 601.932.7921, to get a secure folder invitation. Vendors will be allowed to upload their bid response to that location.

ALL Bid packets, electronic or otherwise, MUST include the following documents:

- Vendor Contact Sheet (Listed as Attachment A)
- Documentation/Proof of Met Qualifications listed in section 'Vendor Qualifications'
- Vendor Bid

Any bid packet without all documents may be rejected.

The Pearl Public School District Board of Trustees reserves the right to reject all bids.

Public Bid Opening

A public bid opening will be held at the Pearl Public School District Central Office Complex, 3375 HWY 80 E, Pearl MS 39208, at 2:00 PM on March 1st, 2019. Vendors are not required to attend the bid opening in order to be awarded the bid. The lowest bid will be recommended to the Pearl Public School District's Board of Trustees at their regularly scheduled meeting in March 2019.

Intent to buy/Purchase Contract

It will be the responsibility of the winning vendor to provide PPSD with an "Intent to Buy" or "Purchase Contract" for the purpose of uploading into the E-Rate EPC Portal. Authorized representatives must sign agreement.



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General Conditions

1. Location of Sites

- a. The location(s) of the work is on property owned by Pearl Public School District.
- b. Businesses in construction path are all on property owned by PPSD but shall be notified 1-Week before work begins

2. Scope of Work

The RFP reflects the current proposed services requested on the E-Rate 470 forms. The proposal embodies: A **Turn-Key** solution. It includes providing new, buried single-mode fiber cable (minimum 12 strands), starting at the MDF in the Pearl Upper Elementary located at 400 Treasure Cove, Pearl MS 39208 and continued to MDF at Pearl High School, 500 Pirates Cove, Pearl MS 39208.

- A. All pullboxes/handholes will be determined by the bidder. All street bores/crossings will need to be the responsibility of the winning bidder.
- B. Any and all costs associated with the running, boring and termination shall be included in the bid. Each end will consist of the installation of a wall-mount fiber optic termination box, with **all strands terminated** and all cables shall be certified to be capable of 10Gbps of bandwidth between the endpoints.
- C. All terminations shall be ST.
- D. All necessary patch cables to connect the district equipment shall be ST-LC.
- E. Winning bidder is granted necessary permissions and access to property in order to complete work.
- F. All survey's needed are the responsibility of the bidder.
- G. Marker poles shall be visible from line of sight of the previous pole
- H. In-Ground conduit shall be 2" conduit

3. Protection in General

The service provider shall protect all buildings, furniture, equipment, personal items, trees, shrubs, lawns, landscaping, drive-ways, roads and other buried utilities from damage. **Any damaged property shall be repaired or replaced at the service provider's expense.** Labor shall include all restoration (leveling, sod replacement, paving, etc...) of grounds or utilities broken up or damaged during installation of this fiber optic line.

4. Change in Contract

The district will not be responsible for any change in the work involving extra costs unless approval in writing is furnished by the Director of Technology before such work is begun.



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5. Existing Conditions

The service provider, in submission of this proposal, will have visited the premises and will be assumed to have taken into consideration all conditions, which might affect this work. The location of the DEMARC shall be in the server closet/room or other location as specified by the district technical personnel. No consideration will be given to any claims based on the lack of knowledge of existing conditions.

Service Provider Criteria and Contract Requirements

Pearl Public School District wishes to take advantage of E-Rate funding discounts.

The successful bidder will be responsible for itemizing any items not eligible for E-Rate Discounts. Prices must be held firm until all work associated with the project is complete.

- PPSP expects each service provider to make themselves thoroughly familiar with and rules and regulations regarding the e-rate program.
- In the event of questions during the E-Rate review process, the successful vendor is expected to reply within 3 days to questions associated with their proposal.
- The contractor is responsible for providing a valid SPIN number at the time the bid is submitted using the Vendor Contact Sheet, Attachment A.
- All work is subject to inspection and approval by the director of technology and/or his representative.
- Work may be conducted between the hours of 0730 and 1700 Monday through Friday.

Project

This pricing shall include:

1. Breakdown of costs including any conduit or ground work required
2. Delivery of each component to its designated location
3. Contractor to propose and coordinate configurations with PPSP prior to installation in order to provide a "turn-key" delivery.
4. Vendor to provide a solution for new, wall-mounted, fiber termination boxes.
5. Terminate all strands into **wall-mounted** fiber termination boxes using fusion splice or anaerobic termination methods, using ST style connectors.
6. Supply necessary ST-LC patch cables to connect internal equipment. All Single-mode patch cords shall be YELLOW in color.
7. Perform testing/certification of each strand of fiber and provide test results in PDF format.
8. Provide printed documentation listing all equipment, quantities, descriptions and locations including test results. This documentation shall be delivered in electronic format.



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9. Provide as-built diagram showing all pull box locations and cable paths.
10. Pull Cord (MuleTape or equivalent) to be left in all conduit for future runs.
11. All boxes labeled.

Attachment A
Vendor Contact Sheet

Company Name	
Company Address	
Company E-Rate SPIN#	
Representative Name	
Representative E-Mail Address	
Representative Telephone #	

By signing below, the vendor acknowledges that the prices listed in this bid packet are being bid for the PHS Fiber Construction Project. The vendor also acknowledges and understands that portions of this project may be funded from E-Rate funds and is subject to funding availability.

Printed Name _____ Title _____

SIGNED _____



