

Battery Backup Systems

BID #252

E-Rate 470 # 200009246

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.

Pearl Public School District has determined that its current battery backup systems are no longer adequate to provide sustained uptime during significant power outages. The goal of this RFP is to acquire battery backup systems for Pearl High School, Pearl Jr High School, and Northside Elementary, with a minimum runtime of 4 hours +/- 10% variation.

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:

BATTERY BACKUP PROJECT :: PPSD BID #252 :: 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.

Site Visit

A site visit is not necessary, as this project is for equipment only.
Load values for each site are listed below

Vendor Qualifications

ALL vendors are required to meet the following requirements:

- Have a valid E-Rate SPIN number
- Must be authorized to sell proposed equipment by the equipment manufacturer of the products they represent. (Documentation should be included to show this authorization)

Funding/Financing

Vendors should be aware that this project will be applied for funding support through the E-Rate Program, and is wholly contingent upon the district receiving E-Rate Funding support. No items will be purchased until the district receives notice of e-rate funding. Should the E-Rate program determine that funding will be committed to this project, vendors agree to bill the district its discounted portion only. Vendors must bill USAC E-Rate program separately for the remainder of the project cost. **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.

Vendor Registration/Intent to Bid

Vendors who are interested in bidding, must register their intent to bid at the following URL.

<https://tinyurl.com/vehgzca>

The purpose for intent to bid is to make sure all interested bidders receive updates to the RFP, Questions and Answers, as well as instructions for reverse auction.

Bid Submission

Bid submission will be via Reverse Auction, in accordance with Mississippi Reverse Auction laws. **The auction will begin at 2:00 PM Central Time, on Wednesday, January 22nd, 2020.** This will be conducted via a Zoom Meeting. All vendors, who have registered their intent to bid, will receive an invitation to the meeting. Bidders may also attend the reverse auction in person and may call out their bid to the meeting host. Bids will be received through the chat function. A timer of 5 minutes will be given after each bid is received. The auction will last 30 minutes or the timer runs out, whichever occurs first.

Equipment Listing – General Requirements – Load Listing

The district does not have a manufacturer requirement. PPSD currently uses battery backup units from American Power Conversion (APC). **Similar brands would be, but not limited to,** Xtreme Power Conversion, Tripp-Lite, Eaton, Minute Man etc...

General Requirements

1. All units shall have an input voltage of 120Vac
2. All units shall achieve a runtime of 1-hours +/- 10% variation, except where noted by an * symbol. See runtime requirements next to those symbols
3. All units shall include the ability to communicate via ethernet networking for alerting and diagnostics.
4. All units shall include the appropriate number of outputs necessary to plug in all equipment and power supplies of said equipment. This can be in the form of PDU's and/or onboard receptacles.
5. All units shall be rack-mountable.
6. All units shall have user-replaceable batteries or battery modules so the district can replace batteries without the manufacturer needing to perform special replacement.
7. All units shall have method of viewing available runtime, via onboard LCD or through onboard network diagnostics card.

Vendor Verification

1. Vendors will be provided installation date of each system in order for their verification of runtime requirements being met.
2. Vendors are not being asked for installation services.
3. Vendors may verify that equipment being hooked up to UPS system is what is specified in the load sheets below.
4. Once runtime requirement has been met, all matters regarding functionality/runtime, will fall to manufacturer warranty.

Requirements Not Met – Remediation

Should battery backup systems **NOT MEET** the required runtime set by this RFP, it is the **responsibility, both physically and financially, of the vendor to remediate the issue(s) to ensure runtime is met.**

Equipment Listing – General Requirements – Load Listing

Each site with its current load specifications are listed. Power specifications were pulled from each manufacturer’s website.

Pearl Lower Elementary

Product Type	Manufacturer	Model	Power supply rating	Number of Power Supplies
B-Hall Closet				
Switch	Cisco	WS-C3650-48PD-S	640W	1
Switch	Cisco	WS-C3650-24PD-S	640W	1
C-Hall Closet				
	Cisco	WS-C3650-48PD-S	640W	1
	Cisco	WS-C3650-24PD-S	640W	1
D-Hall Closet				
	Cisco	WS-C3650-48PD-S	640W	1
	Cisco	WS-C3650-24PD-S	640W	1
	Cisco	WS-C3650-48TS-S	250W	1
E-Hall Closet				
	Cisco	WS-C3650-48PD-S	640W	1
MDF				
BATTERIES ONLY	APC	SYBT5	N/A	14

Pearl Early Childhood Center* – 4 Hour Runtime Required

Product Type	Manufacturer	Model	Power Supply Rating	Number of Power Supplies
Router	Cisco	28011ISR	175W	1
Switch	Cisco	WS-C3650-48PD-S	640W	2

Pearl Northside Elementary

Product Type	Manufacturer	Model	Power Supply Rating	Number of Power Supplies
IDF1				
Switch	Cisco	WS-C3650-48PD-S	640W	1
Switch	Cisco	WS-C3650-48PD-S	640W	1
IDF2				
Switch	Cisco	WS-C3650-48PD-S	640W	1
IDF3				
Switch	Cisco	WS-C3650-48PD-S	640W	1

Equipment Listing – General Requirements – Load Listing

IDF4				
Switch	Cisco	WS-C3650-48PD-S	640W	1
IDF5				
Switch	Cisco	WS-C3650-48PD-S	640W	1
IDF6				
Switch	Cisco	WS-C3650-24PD-S	640W	1
IDF7				
Switch	Cisco	WS-C3650-48PD-S	640W	1
IDF8				
Switch	Cisco	WS-C3650-48PD-S	640W	1
Switch	Cisco	WS-C3650-24PD-S	640W	1

Pearl Upper Elementary

Product Type	Manufacturer	Model	Power Supply Rating	Number of Power Supplies
MDF* – 4 Hour				
Switch	Cisco	WS-C3850-48PD-S	715W	
Switch	Cisco	WS-C3850-48PD-S	715W	
Switch	Cisco	WS-C3850-24PD-S	715W	
Router	Cisco	2901ISR	175W	1
Server	HP	DL320		1
IDF1 – 1 Hour				
Switch	Cisco	WS-C3650-48PD-S	640W	1
Switch	Cisco	WS-C3650-48PD-S	640W	1
Switch	Cisco	WS-C3650-48PD-S	640W	1
Switch	Cisco	WS-C3650-48PD-S	640W	1
IDF2 – 1 Hour				
Switch	Cisco	WS-C3650-48PD-S	640W	1
Switch	Cisco	WS-C3650-48PD-S	640W	1
Switch	Cisco	WS-C3650-48PD-S	640W	1
Switch	Cisco	WS-C3650-48PD-S	640W	1

Equipment Listing – General Requirements – Load Listing

Pearl Jr High School

Product Type	Manufacturer	Model	Power Supply Rating	Number of Power Supplies
TP3				
Switch	Cisco	WS-C3650-48PD-S	640W	1
Switch	Cisco	WS-C3650-48PD-S	640W	1
TP2				
Switch	Cisco	WS-C3650-48PD-S	640W	1
TESTING				
Switch	Cisco	WS-C3650-48PD-S	640W	1
Switch	Cisco	WS-C3650-48PD-S	640W	1
TP1				
Switch	Cisco	WS-C3650-48PD-S	640W	1
Switch	Cisco	WS-C3650-48PD-S	640W	1
Switch	Cisco	WS-C3650-24PD-S	640W	1
BAND				
Switch	Cisco	WS-C3650-48PD-S	640W	1
400				
Switch	Cisco	WS-C3650-48PD-S	640W	1
Switch	Cisco	WS-C3650-48PD-S	640W	1
Switch	Cisco	WS-C3650-24PD-S	640W	1
ANNEX				
Switch	Cisco	WS-C3650-24PD-S	640W	1
GYM				
Switch	Cisco	WS-C3650-24PD-S	640W	1

**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 Battery Backup 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 _____