

**REQUEST FOR PROPOSAL (RFP)
FOR
DATA CENTER POWER PROJECT
FOR LOWNDES COUNTY SCHOOLS**

April 30, 2019

TO: All Interested Vendors

The Lowndes County Schools District seeks a vendor to provide an integrated generator and battery backup power solution for its existing data center. You are invited to submit a sealed, written proposal for Data Center Generator Retrofit and Battery Backup Replacement in accordance to the attached General Conditions and Specifications.

This package consists of:

- General Conditions
- Statement of Vendor's Qualifications
- Affidavit (E-Verify)
- School District Responsibilities
- Vendor Responsibilities
- Scope of Work
- Detail Sheet
- Detailed Scope of Work
- Vendor Response Sheet

All responding vendors must meet on site with the Lowndes County Schools Technology Department staff prior to Wednesday, May 15. Vendors must schedule their onsite inspection with Al Rowell, alrowell@lowndes.k12.ga.us.

All questions should be submitted via email to alrowell@lowndes.k12.ga.us and scottforthe@lowndes.k12.ga.us with the subject heading: RFP DATA CENTER POWER. Inquiries will not be accepted by telephone.

SEALED Proposals must be received by 2:30 pm on Wednesday, May 22, 2019 at the following address:

Lowndes County Schools
ATTN: Terri Welden
Re: Data Center Power RFP
1592 Norman Drive
Valdosta, GA 31601
(229) 245-2250

In order to be considered for the award, all submissions must be received at the appropriate location by the required time. Any package not received on time at the noted location may be rejected.

GENERAL CONDITIONS

1. Locations of Site

The location of the work is on the property of Lowndes County School District at the Lowndes County Board of Education (1592 Norman Drive, Valdosta, GA 31601).

2. Scope of Work

The following are the General Conditions for the work to be performed as outlined in the Specifications.

It is understood that except as otherwise specifically stated in the contract, the Vendor shall provide and pay for all material, labor, tools, equipment, transportation, temporary construction of every nature and all other services and facilities of every nature whatsoever, necessary to execute, complete and deliver the work within the specified time. Permits and licenses necessary for the execution of the work shall be secured and paid for by the Vendor.

3. Change in Contract

The Owner will not be responsible for any change in the work involving extra cost unless approval in writing is furnished by the Owner before such work is begun.

4. Affidavits

Before acceptance of work by Lowndes County School System, the Vendor will be required to furnish affidavits on enclosed forms.

5. Payments

Payment will be for each job only after inspection and approval by an approved Lowndes County Board of Education employee assigned by the Superintendent. Such approval will be given only after all debris, equipment, materials, etc., are removed from the property, all cleaning completed, and any damage repaired. Provisions for deposits must be clearly explained.

6. Application for Payment

All applications for payment shall be submitted, signed by the Vendor and mailed to:

Accounting Department
Lowndes County Schools
1592 Norman Drive
Valdosta, GA 31601

7. Addenda

Any addenda issued during the time of the request for proposal shall be covered in the proposal, and in closing the contract they shall become part thereof.

8. Contract Award and Interpretations

Lowndes County Schools may accept any RFP offered on an all, part, or none basis, whichever is in the best interest of the School System.

9. Proposal Form

All responses must be submitted in the following format:

- I. Scope of Work
- II. Completed Statement of Vendor's Qualifications Sheet
- III. Completed Affidavit Sheets
- IV. Pricing Summary
- V. Materials List
- VI. Statement of Warranty

10. Withdrawal of Proposal

A proposal cannot be withdrawn after it is filed, unless Vendor makes a request in writing to the Lowndes County School System prior to time set for opening of RFP, unless Lowndes County School System fails to accept bid within one hundred and twenty (120) days after date fixed for opening of RFP.

11. Vendor's Qualifications

Vendors may be required, before awarding of contract, to demonstrate to the complete satisfaction of the Lowndes County School System, that vendor has the necessary facilities, ability and financial resources to execute the work in a satisfactory manner and within the time specified; that vendor has had experience in data center electrical work of same or similar nature; that vendor has past history and references which will assure the Lowndes County School System of his qualifications for executing the work.

12. Specifications

The vendor will provide materials as specified in this RFP. Any substitutions must be approved in writing by the Lowndes County Schools.

13. Warranty terms on the hardware and any associated software should be clearly defined.

14. Accident Prevention

Precaution shall be exercised at all times for the protection of persons (including employees) and property and hazardous conditions shall be guarded against or eliminated.

15. Contract Form

Upon Contract award, the standard written Purchase Order form or completely executed contract mailed, or otherwise furnished, to the successful vendor results in a binding contract.

16. Indemnification

Vendor agrees to hold the Lowndes County School System harmless and to indemnify the Lowndes County School System from every expense, liability or payment arising out of or through injury (including death) to any person or persons or damage to property (regardless of who the owner may be of the property) of any place in which work is located arising out of or suffered through any act or omission of the Vendor or subcontractor.

17. Insurance

Contractor shall maintain the following insurance (a) comprehensive general liability, including blanket contractual, covering bodily injuries with limits of no less than \$1,000,000 per occurrence, and property damage with limits of no less than \$1,000,000 per occurrence; and (b) commercial automobile liability, including blanket contractual, covering bodily injuries with limits of no less than \$1,000,000 per occurrence, and property damage with limits of no less than \$1,000,000 per accident (c) statutory worker's compensation insurance, including \$1,000,000 employer's liability insurance (d) employee dishonesty and/or crimes coverage with respect to personnel of Contractor having access to County buildings, with limits of no less than \$50,000 per occurrence. All insurance shall be provided by an insurer(s) acceptable to the County, and shall provide for thirty (30) days prior notice of cancellation to the County. Upon request, Contractor shall deliver to the County a certificate or policy of insurance evidencing Contractor's compliance with this paragraph. Contractor shall abide by all terms and conditions of the insurance and shall do nothing to impair or invalidate the coverage.

18. Vendor's Representative

Lowndes County School System reserves the right, with sole discretion, to refuse to allow any representative of the Vendor to service the contract in any manner. In this event the Vendor shall furnish another representative that is acceptable to Lowndes County School System. Representatives will be expected to pass a sexual offender check through the system's Keep-N-Track visitor check-in service at the schools.

19. School District Regulations

The Vendor and his representatives shall follow all applicable Lowndes County School System regulations while on school district property, including the no smoking, no weapons and drug-free policies. No work shall interfere with school activities or environment unless permission is given by the Principal or an approved Lowndes County Board of Education employee assigned by the Superintendent.

20. Governing Law

All RFPs and related documents submitted to the Lowndes County School System by vendors are governed under the laws of the state of Georgia.

21. Work hours

All work performed will be in coordination with and at the convenience of the Lowndes County Schools.

22. Georgia Open Records Act

All proposals submitted in response to this solicitation may be subject to the Georgia Open Records Act, which permits any member of the public to inspect and/or copy documents prepared and maintained or received in the course of the operation of the public office or agency.

STATEMENT OF VENDOR'S QUALIFICATIONS

To accompany proposals submitted for installing Access Control System for the Lowndes County School System.

Name of Vendor _____

Telephone Number _____

Business Address _____

When Organized? _____

Where Organized? _____

Partnership _____ Corporation _____

Product Certifications of Engineers/Installers:

How many years have you been engaged in this business under the present firm name? _____

Please attach to this statement at least three references, including name, address, title, email or phone number and brief description of work performed (including dates of work). Our preference is for references in K-12 education.

Private Employer Affidavit Of Compliance Pursuant To O.C.G.A. § 36-60-6(d)

By executing this affidavit, the undersigned private employer verifies its compliance with O.C.G.A. § 36-60-6, stating affirmatively that the individual, firm or corporation employs more than ten employees and has registered with and utilizes the federal work authorization program commonly known as E-Verify, or any subsequent replacement program, in accordance with the applicable provisions and deadlines established in O.C.G.A. § 13-10-90. Furthermore, the undersigned private employer hereby attests that its federal work authorization user identification number and date of authorization are as follows:

Federal Work Authorization User Identification Number

Date of Authorization

Name of Private Employer

I hereby declare under penalty of perjury that the foregoing is true and correct.
Executed on _____, __, 201__ in _____(city), _____(state).

Signature of Authorized Officer or Agent

Printed Name and Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME
ON THIS THE _____ DAY OF _____, 201__.

NOTARY PUBLIC

My Commission Expires:

SCHOOL DISTRICT RESPONSIBILITIES

Access for Installation

The school district will, during the progress of the installation, allow the vendor and its employees access to the premises and facilities at all reasonable hours or at such hours as the school district and vendor agree. Vendor and Lowndes County Schools technology staff will create a work schedule to minimize the amount of network downtime during the execution of this project.

Hazardous Conditions

Take such action as necessary to ensure that the premises are dry and free from dust and hazardous materials or chemicals, (i.e., asbestos) and in such condition as not to be hazardous to the installation personnel or the material to be installed.

Heating/Cooling

Provide heat or cooling when required and general illumination in rooms in which work is to be performed by the vendor.

Building Plans

If available, furnish adequate detailed drawings of the buildings to allow installation of equipment and cables by the vendor.

Inspections

Promptly make inspections when notified by the vendor that the work is ready for acceptance.

VENDOR RESPONSIBILITIES

Provision

The vendor must: provide all supervision, labor construction tools, equipment, hardware and wiring materials as specified, transportation, erection, construction, unloading, inspecting, keeping inventory, and returning spare or unused material as specified in attached contract documents. Whenever in this RFP the terms "provide," "furnish," "supply," or "install," etc., can be interpreted as requiring the vendor to both furnish and/or install materials, unless specific provisioning/installation of the materials by the school district is denoted.

Permits

The vendor shall obtain all necessary county, municipal or state work/building permits.

Damage

The vendor will be responsible for and repair all damage to the building due to negligence of its workmen, and report to the school district any such damage to the building that may exist or may occur during the occupancy of the facilities.

Fire Fighting Apparatus

Take necessary steps to ensure that required fire fighting apparatus is accessible at all times. Flammable materials shall be kept in suitable places outside the building.

Installation

Install the wire, cable, and associated hardware in accordance with the manufacturer's specifications and the National Electric Code.

Tests and Expectations

Conduct tests and inspections in the presence of the school district after installation has been completed in order that the school district may be assured that the requirements for the installation are met.

Completion Notification

Promptly notify the school district of the completion of work on equipment of such portions thereof that is ready for inspection.

Intended Completion

Give the school district notice of intended completion of the installation at least one week prior to completion.

As-Built Drawings and Documentation

The vendor will provide "As-Built" drawings and diagrams to document new equipment installation and label installed electrical circuits and panels after completion of installation. Drawings are due at time of completion and before final payment.

Defects

The vendor will promptly correct all defects for which the vendor is responsible.

School District Contact

The vendor must coordinate all work with the school district contact that will be designated at a future date before the commencement of the installation. School district contact will be Scott Forthe, System Network Administrator.

Clean Up

Upon completion of the work each day, the vendor must remove all tools, equipment, rubbish and debris from the premises and must leave the premises clean and neat.

Firewalls

Provide for the installation of all conduits and sleeves through firewalls as required to meet codes.

Ceiling Tiles

Provide for the removal and re-installation of all ceiling tiles required for the installation of all above ceiling wire.

Subcontractors

Should a Contractor use subcontractors for portions of the work, Lowndes County Board of Education reserves the right to reject any subcontractor without explanation or recourse by the Contractor or subcontractor.

SCOPE OF WORK

The data center located at the Board of Education, located at 1592 Norman Drive, Valdosta, Georgia, currently has power redundancy only through an APC Symmetra LX 16kVA N+1 Tower with an APC Symmetra LX extended tower. We currently utilize 90% of the capacity of this solution with a runtime on battery of under 50 minutes. This redundant battery power is distributed through 7 PDU to three APC Netshelter server enclosures and to an adjacent equipment room with network switches and a phone system. These Symmetra units are at end of life. The data center currently does not have a generator.

For the purpose of this RFP we are soliciting a proposal to consolidate a replacement battery backup with a generator. The generator must be sized to support the server and equipment rooms along with a 5-ton air conditioning unit that services both rooms.

The system specifies that the battery backup solution must be from Schneider APC and must be installed with an APC Service Bypass Panel. We are requesting options on the battery backup solution:

Option 1: APC Smart-UPS VT 30kVA 208V w/4 Batt. Mod., Start-Up 5X8, Internal Maint Bypass, Parallel Capability

SUVTP30KF4B4S

Option 2: Symmetra PX 20kW Scalable to 40kW N+1, 208V

SY20K40F

The proposed solution must include power distribution for all servers and the adjacent equipment room.

The vendor must size the generator appropriately for the anticipated load and 50% growth. ~~The system is currently determining if natural gas can be made available to this location. Propose two generator solutions: one powered by natural gas and one by propane.~~ Propose a complete generator solution powered by propane.

Installation of the generator will require the vendor to make modifications to existing electrical power cabling. Proposal must include detailed description of all modifications to the current electrical distribution for this building. These changes will be part of the proposal and contract to be completed by the vendor.

Detail Sheet

Sealed Proposals can be mailed or hand delivered to Terri Welden, Assistant to Superintendent Wes Taylor, at 1592 Norman Drive, Valdosta, GA 31601.

SEALED Proposals must be received by 2:30 pm on Wednesday, May 22, 2019 at the following address:

Lowndes County Schools
ATTN: Terri Welden
Re: RFP DATA CENTER POWER
1592 Norman Drive
Valdosta, GA 31601
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Lowndes County Schools has the right to accept or reject all or any portion of the Proposals provided.

VENDOR RESPONSE SHEET

**Lowndes County Schools RFP for
Data Center Power Project**

We propose to furnish and deliver any and all of the deliverables and/or services named in the attached Request for Proposal (RFP) for which prices have been set. The price or prices offered herein shall apply for the period of time stated in the RFP. We further agree to strictly abide by all specifications, terms and conditions contained in the RFP, all of which are made a part hereof. Any exceptions are noted in writing and included with this proposal.

It is understood and agreed that this proposal constitutes an offer, which when accepted in writing by the Lowndes County School System, and subject to the terms and conditions of such acceptance, will constitute a valid and binding contract between the undersigned and the Lowndes County School System. Each proposed school project may be awarded separately or not at all.

It is understood and agreed that we have read the Lowndes County School System's specifications shown or referenced in the RFP and that this proposal is made in accordance with the provisions of such specifications. By our written signature on this proposal, we guarantee and certify that all items included in this bid/proposal meet or exceed any and all such Lowndes County School System specifications. We further agree, if awarded a contract, to deliver goods and services that meet or exceed the specification.

It is understood and agreed that this proposal shall be valid and held open for a period of one hundred and twenty (120) days from bid/proposal opening date.

Contract Value for ALL Requirements including All Equipment, Materials, Deliveries, Installation, and any other costs Associated with this Contract for Data Center Power at Lowndes County Board of Education:

_____ (Dollars) (\$_____)

Vendor Name: _____

Authorized Signature: _____

Print Name: _____ Date: _____