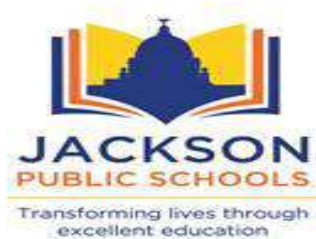


Jackson Public School District



**Jackson Public School District
662 South President Street
Jackson, MS 39201**

Contact Information:

Project Administrator: Mrs. Erin Mason, Executive Director, Information Technology
Telephone: 601-960-8831
E-mail: eclark@jackson.k12.ms.us

RFP 2022-22

Title: Data Center Refresh

Issue Date: July 01, 2022

Submission Deadline: July 27, 2022

Time: 10:00 a.m. (Central Standard Time)

**PLEASE SUBMIT ORIGINAL RFP DOCUMENTS IN THE FORMAT/DESIGN ISSUED
ALONG WITH OTHER SUPPORTING DOCUMENTS ATTACHED TO THE
PROPOSAL, BY MAIL, HAND DELIVERY OR BY UPLOADING TO
www.centralbidding.com**

If you would like the tabulation for this RFP after Board Approval, please go to www.jackson.k12.ms.us. Double click on Departments and select Business Office. Open the Purchasing page. Select Purchasing Approved Bids/RFPs. These documents will give you the tab sheet approved by the Jackson Public School District Board of Trustees. If the RFP in question is not listed, contact the Purchasing Office at 601-960-8799 for assistance.

Questions regarding proposal specification are to be addressed to the Project Administrator, Mrs. Erin Mason listed above.

PROPOSAL FORM

**Board of Trustees
Jackson Public School District
Jackson, Mississippi**

Ladies and Gentlemen:

I/We, propose to furnish and deliver all items and/or to perform all services according to all sections of this rfp document (Proposal Form, Instructions and Conditions, detailed written Specifications, and Addendum if applicable) and in the quantities at the indicated prices, as called for in the document(s). All quantities indicated have been checked very closely, and both unit price and total price (where requested) have been submitted with the understanding that we shall be responsible for making complete and satisfactory delivery accordingly, within the time frame agenda (if applicable).

All items contained in this rfp shall be as specified or JPSP approved equal. For any item(s) proposed which is other than as specified, a complete and detailed cut and description for each item(s) must accompany the rfp, if the item(s) is to be considered. Please carefully read each section of this rfp.

Acceptance of Proposals:

The Jackson Public School District reserves the right to:

- Have sole discretion to waive minor irregularities in proposals. A minor irregularity is a variation from the proposal that does not affect the proposal, or gives one offeror an advantage or benefit not enjoyed by other offerors, or adversely impacts the interests of the school district.
- Accept the "lowest and best" rfp which in their judgment assures JPSP the product(s) or service(s) having the best performance and the highest level of function, quality and value.
- Not accept the lowest priced proposal. Proposals that do not comply with the requirements stated within this RFP subject to disqualification. Proposals that do not meet the deadline date/time will be returned to the vendor unopened.
- Request additional information or conduct discussions with one or more respondents after the RFP deadline, to secure a final selection to award RFP should such action be in the best interest of JPSP.
- See Pages eleven (11) and twelve (12) for further instructions

I/WE UNDERSTAND AND AGREE THAT NEITHER THE AWARD OF THIS RFP TO ME/US BY THE DISTRICT'S BOARD OF TRUSTEES NOR RECEIPT BY ME/US OF A NOTICE OF ACCEPTANCE OF THIS RFP SHALL CONSTITUTE THE MAKING OF A CONTRACT BETWEEN JPSP AND ME/US, WHICH SHALL BE CONDITIONED UPON THE EXECUTION BY BOTH JPSP AND ME/US OF A FORMAL, WRITTEN AGREEMENT.

RESPECTFULLY SUBMITTED,

COMPANY _____

ADDRESS _____

PHONE _____ FAX _____

E-MAIL ADDRESS _____

PRINTED SIGNATURE _____

WRITTEN SIGNATURE _____

TITLE _____

DATE _____

CIRCLE THE OPERATING STATUS OF YOUR BUSINESS AS INDICATED: WOMAN OWNED NON-MINORITY MINORITY



Post Office Box 2338 - Jackson, Mississippi 39225-2338
Telephone: 601-960-8799 ☎ Fax: 601-960-8967
Email: bjones@jackson.k12.ms.us

REQUEST TO ADD VENDOR

To be completed by JPS School/Location:
School/Department Requesting Vendor Addition _____

To Be Completed by Vendor: Please complete all sections and return by fax or email.

Will your company accept purchase orders? ☐ Yes ☐ No

Note: An original JPS purchase order is required for all material purchases. Do not accept any order without a purchase order.

Are you an employee of the Jackson Public School District? ☐ Yes or ☐ No

Product Line _____

PARENT COMPANY NAME: _____

Doing Business As (dba) NAME: _____

Order Address: _____

City: _____ State: _____ Zip: _____

Physical Address: _____

City: _____ State: _____ Zip: _____

REMITTANCE ADDRESS:

Vendor Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Contact Person: _____

Phone: (____) _____ Fax (____) _____

Email Address: _____

Parent Company Tax ID# _____

D/B/A Federal Tax ID/Social Security #: _____

Select One This information will be used to track purchases from minority vendors.

Minority Code: ☐ Woman & Minority ☐ Minority
☐ Non-Minority ☐ Woman

Select One
Type of Entity ☐ Individual/Sole Proprietor ☐ Corporation
☐ Partnership ☐ Other _____

****JPS accepts no responsibility for orders filled without a valid purchase order****

Submitted By: Signature _____

Date _____

FOR INTERNAL USE ONLY

Vendor Number: _____ 1099: ☐ Yes ☐ No
Completed By: _____ Date: _____

Company's W-9 must accompany this form for IRS purposes.

The Board of Trustees of the Jackson Public School District (hereafter referred to as "JPSD") is soliciting sealed, written formal Requests for Proposals (RFP) from qualified vendors (hereafter referred to as "Vendor") for the purchase of furniture, equipment, supplies, materials, labor or services as outlined in the following specifications. Sealed rfp's shall be received by JPSD, in the Business Office of the Jackson Public Schools, 662 South President Street, Jackson, Mississippi, until the time specified on the RFP Opening Schedule (front page of the formal rfp document), at which time all rfp's shall be publicly opened and read aloud. Neither dating of the rfp form nor placing the rfp in the mail by this date shall meet legal requirements; the formal rfp document must be **received in the Business Office** of the Jackson Public School District on or before the date and time stated.

JPSD reserves the right to reject any and all rfp's received and to waive any and all informalities. Vendors are encouraged to very carefully read all sections of this rfp document prior to submitting an rfp proposal.

It is the basic philosophy of JPSD to extend to all responsible Vendors equal consideration and the assurance of unbiased judgment in determining whether their product or service meets specifications and the educational needs of the school district. JPSD shall fairly evaluate all formal rfp proposals submitted and base all decisions on the "lowest and best" rfp concept, purchasing only those products and/or services which meet the specifications as written. All decisions rendered shall strive to achieve the greatest value from every tax dollar expended. JPSD shall make no discrimination based on race, color, creed, religion, or national origin, in either the product evaluation process or in transacting business with Vendors or Vendor representatives.

The advertising and publishing of this rfp has met all legal requirements (Mississippi Code of 1972, Annotated, §31-7-13), hence the requirement to offer public notice of the intent of JPSD to solicit rfp's via this rfp document has been satisfied.

This document is to serve as an invitation to all qualified vendors to extend to JPSD, an offer, for the sale of all products and/or services specified herein. It is the purpose of this rfp document to clearly define "open" and "competitive" product or service rfp specifications. All items on this rfp are to be **as specified or JPSD approved equal**.

Addendum: Vendor shall acknowledge the receipt of all addendums which were issued during the course of this rfp. If specified in the text of the addendum, in addition to acknowledging receipt of the addenda below, the addenda may require additional information required for the rfp (e.g., pricing), in which case the Addendum shall not only be acknowledged below but shall be completed and attached to the rfp at the time the rfp proposal is submitted. Receipt of the following Addendum issued during the course of this formal rfp is hereby acknowledged:

Addendum Number		Date	
Addendum Number		Date	
Addendum Number		Date	

It is acknowledged that this rfp proposal consists of the following sections: **PROPOSAL FORM, INSTRUCTIONS AND CONDITIONS, SPECIFICATIONS** and any **ADDENDUM** (if applicable).

Net Prices

In all cases, prices quoted are to be net including all applicable discounts. A separate price shall be offered for each item and not in combination with other items (unless the grouping of items is otherwise allowed as defined in the specifications). Unit price shall prevail in case of a conflict between unit and total price (extension); written price shall prevail in case of a conflict between written and enumerated pricing. Vendors are instructed to **round off all unit pricing and extensions to the nearest whole cent; i.e., round the pricing to two places to the right of the decimal point only**. JPSD will only accept pricing which is stated in this manner. All items for which pricing is submitted which is other than two places to the right of the decimal shall be accepted; however, all digits beyond a whole cent (more than two places to the right of the decimal) shall be ignored in the rfp analysis process and the unit price indicated on the purchase order shall be to the nearest whole cent for each item involved.

Payment and Invoicing

Unless otherwise indicated in the detailed specifications of this rfp document; JPSPD shall make remittance in a **single lump sum** payment **following satisfactory delivery of all items** listed on the purchase order or following satisfactory performance (final inspection) of all services as specified in the contract. JPSPD remits by "completed purchase order" only; remittance shall not be made upon receipt of partial shipments or performance, or the receipt of invoicing for same, but only after all items included on the purchase order or contained in the contract are delivered and/or satisfied.

It is mutually understood that invoices submitted against Multi-Year or Open Purchase Orders, remittances are processed based on the contracted scheduled agreement prior to the purchase order being generated. Only **Multi-Year** and **Open Purchase Orders** have multiple invoices received for remittance for payment. Professional Services, materials and other such services; invoices are submitted for payment in intervals following satisfactory delivery of ALL services and /or performance of ALL services indicated in the contracted agreement between said vendor and JPSPD for that time period, following inspection if applicable.

Performance Penalty

The Vendor is subject to a 10% penalty on this Agreement for the **2022-2023** school year if the academic objectives of this agreement are not satisfied. The District will withhold 10% of the total contract for final payment to be made after the academic objectives are satisfied.

Default and Delays

Upon failure of the Vendor to deliver all of the items ordered or to render service, within the time set or allowed, the successful Vendor shall be considered in default, in which case JPSPD reserves the right to terminate the purchase order or contract and to purchase similar supplies, services, or furniture and equipment, on the open market or secure the manufacture, delivery, and installation thereof by contract or otherwise. The Vendor shall be charged with any cost occasioned by JPSPD whether said cost is the same as originally accepted or any excess cost.

Damage to School Property

Any damage or loss to JPSPD property as a result of any action by the Vendor in the delivery, execution or performance of any item or service stated in these specifications shall be repaired or replaced to the satisfaction of designated JPSPD personnel, at the Vendor's cost, within a reasonable time.

Guarantee

Each Vendor, by presenting a rfp under these specifications, binds himself to make positive that all goods are fully up to the standards set by the specifications. Should it be discovered within a reasonable period of time from the date of purchase order or contract that such goods or services are not up to standard, JPSPD shall have the right to have such goods or services replaced by others conforming to the standard requirements and the entire expense be borne by the Vendor. The Vendor shall agree to guarantee and warrant all equipment provided as a result of this rfp for a period equal to the stated guaranty/warranty in the specifications. All such warranties shall provide the coverage as indicated in the specifications.

Acceptance and Award of RFP Proposals

The Vendor's rfp proposal, once submitted and accepted as a valid rfp by JPSPD, shall be deemed by both parties to constitute a legal and binding offer on the part of the Vendor to sell to JPSPD as per the terms of the rfp specifications, all products and/or services contained therein. RFP proposals are subject to acceptance by JPSPD at any time within forty-five (45) calendar days following the rfp opening date. Consequently, all price quotations shall be effective for a minimum of forty-five (45) calendar days and a maximum period as indicated in the specifications. All rfps must be valid for the effective dates stated in the specification, if applicable.

Award of contract shall be made to the responsible Vendor whose rfp, conforming to the specifications, is deemed to be the most advantageous to JPSPD, price and all other factors considered. The Vendor acknowledges the right of JPSPD to reject the rfp, in part or in total, if the Vendor fails to submit the data required in the specifications, or if the rfp is in any way incomplete or irregular. Under no circumstances may a Vendor deliver, install, or perform any service as specified in these specifications without written authorization from JPSPD (i.e., a duly issued purchase order or signed contract). All RFPs shall be approved by the Board of Trustees prior to the final award.

The Vendor shall be issued a purchase order document, which shall be deemed acceptance of the rfp proposal offer made by the Vendor, for all items and/or services approved by the Board of Trustees and awarded as a result of this rfp. However, if in the opinion of JPSPD a contract document is required to authorize the award of the rfp, Vendor agrees to sign and execute all such contract documents as required in the written specifications. NOTE: If Vendor policy requires that JPSPD sign Vendor contract documents, a sample of all such documents shall be included with the rfp proposal and shall become a part of the Vendor's rfp proposal.

All awards are based on the availability of funding. In the event of a reduction of funds, this award can be rescinded at any time.

Grievance Procedure

JPSPD has adopted a Vendor Grievance Procedure to address and resolve any Vendor grievances or disputes resulting from or arising out of JPSPD's rfp process. If Vendor disagrees with any aspect of the rfp process, Vendor shall adhere to the following procedure. Vendor shall submit a letter or written statement of protest to the Purchasing Agent, with a copy to the Superintendent, identifying the rfp, including rfp number, title, opening date and, if applicable, the item number(s) at issue, and explaining, in detail, the nature of and/or reason(s) for the protest. No verbal protest shall be acknowledged by JPSPD. Vendor protests must be received by the Purchasing Agent not later than five (5) business days prior to the date of the Board meeting at which the Board is to act upon the rfp that is the subject of the protest. A review committee, appointed by the Superintendent, shall evaluate the protest and render a decision expeditiously. The decision of the review committee shall be based on evidence presented by the Vendor, the Purchasing Agent and other appropriate parties, to be determined in the discretion of the committee. In the sole discretion of the committee, the committee may conduct a hearing on Vendor's protest. The decision of the review committee shall be submitted to the Superintendent for approval. The protesting Vendor shall be informed, in writing, of the Superintendent's decision not later than two (2) business days prior to the date of the Board meeting at which the Board is to act upon the rfp that is the subject of the protest. The Superintendent's decision shall be final unless Vendor appeals such decision to the Board of Trustees. If Vendor wishes to appeal the Superintendent's decision, Vendor shall deliver its appeal, in writing, to the Office of the Superintendent not later than 12:00 p.m. on the date of the Board meeting at which the Board is to act upon the rfp that is the subject of the appeal. Appeals shall be presented to the Board at the meeting at which the Board acts upon the rfp that is the subject of the appeal and Vendor, upon written request, will be granted up to five (5) minutes to appear and present to the Board at such meeting its protest and/or appeal. After the Board takes final action upon an rfp, no appeals or protests will be acknowledged by JPSPD. The decision of the Board shall be final, subject to Vendor's right to pursue a legal remedy.

Proposal Cover Page

VENDOR INFORMATION

Name and Title _____

Company Name _____ Date _____

SUBMISSION COVER SHEET AND CONFIGURATION SUMMARY

By my signature below, I hereby represent that I am authorized to and do bind the offeror to the provisions of the attached proposal. The undersigned offers and agrees to perform the specified personal and professional services in accordance with provisions set forth in the Request for Proposals. Furthermore, the undersigned fully understands and assures compliance with the Conditions of Solicitation and Standard Terms and Conditions contained in the RFP. The undersigned is fully aware of the evaluation criteria to be utilized in vendor selection for approval. I further certify that _____ is an authorized dealer in good standing of the products/services included in the proposal submitted in response to the RFP.

Authorized Signature

Date

Printed Signature

CONFIGURATION SUMMARY

Vendor must provide a summary of the main component of services offered in this proposal using 100 words or less.

ASSURANCES AND SIGNATURE FORM

In submitting this application I certify that:

1. The organization will comply with applicable federal, state, and local policies and procedures.
2. Services will be provided under the supervision of highly qualified teachers and/or administrators.*
3. The organization will maintain professionalism and confidentiality.
4. The organization is fiscally sound and will be able to complete services to the local educational agency.
5. The organization will ensure that the services provided are aligned the Mississippi Curriculum Frameworks and scientifically research based practices.*
6. The organization will comply with applicable federal, state, and local health, safety, and civil rights laws.
7. Provisions that subject all individuals employed by or otherwise associated with the approved provider, including volunteers, support staff, etc., who have direct contact with students, to the fingerprint and criminal history record check contained in law, including, Education Laws 305(30), 1125(3), 1604(39), 1604(40), 1709(39), 1709(40), 1804(9), 1804(10), 1950(4)(11), 1950(4)(mm), 2503 (18), 2503(19), 2554(25), 2554(26, 2590-h (20), 2854(3)(a-2), 2854(3)(a-3), and 3035.
8. All services will be secular, neutral, and non-ideological.
9. The organization will provide the local educational agency with information regarding implementation of proposal initiatives in increasing achievement, in a format, and to the extent practicable, a language or other mode of communication such that district personnel, parents / legal guardians, and community members can understand.*

The undersigned hereby certifies that I am an individual authorized to act on behalf of the organization in submitting this application and assurances. I certify that all of the information provided herein is true and accurate, to the best of my knowledge. I understand that the discovery of deliberately misrepresented information contained herein may constitute grounds for denying the applicant's request for approval.

Name of Organization

Printed Name of Authorized Representative

Signature of Authorized Representative

Date Signed

*For Educational/Instructional proposals



**JACKSON
PUBLIC SCHOOLS**
Transforming lives through
excellent education

INDEPENDENT CONTRACTOR DEBARMENT VERIFICATION FORM

(Please print clearly or type)

***Appropriate signatures shall certify statements below.*

Subgrantee's/Contractor's Name	
Authorized Official's Name	
Complete Address	
Contact Number	
Are you currently registered to do business in the State of Mississippi? (Yes or No) If yes, attach supporting documentation of registration status. If, no please register and provide documentation of registration status. (State/Other fund requirement)	

FEDERAL DEBARMENT CERTIFICATION:

CONTRACTOR hereby certifies that at the execution of a contract with the Jackson Public School District(JPS) that the CONTRACTOR is not on the list for federal debarment on www.sam.gov – System for Award Management.

STATE OF MISSISSIPPI REGISTRATION:

CONTRACTOR hereby certifies that at the execution of a contract with the Jackson Public School District (JPS) that the CONTRACTOR is not on the list for debarment on www.sos.ms.gov for doing business with the State of Mississippi or with any Mississippi State Agency.

PARTNERSHIP DEBARMENT CERTIFICATION:

CONTRACTOR hereby certify that all entities who are in partnership through this contract or grant with the Jackson Public School District(JPS) (subcontractors, subrecipients, et al.) are not on the federal debarment list on www.sam.gov – System for Award Management or the State of Mississippi debarment list. Proof of documentation of partnership verification with SAM shall be kept on file and the debarment status shall be checked prior to submission of every contract/subgrant and modification to JPS.

Original Signature of Contractor or Authorized Official

Date



INDEPENDENT CONTRACTOR DEBARMENT VERIFICATION FORM*

(Please print clearly or type)

***Appropriate signatures shall certify statements below.*

Subgrantee's/Contractor's Name	
Authorized Official's Name	
Complete Address	
Contact Number	
Are you currently registered with www.sam.gov (Yes or No) If yes, attach supporting documentation and DUNS number must be Active with open access. (Federal fund requirement)	
Are you currently registered to do business in the State of Mississippi? (Yes or No) If yes, attach supporting documentation of registration status. If not, please register and provide documentation of registration status. (Federal and State/Other fund requirement)	

FEDERAL DEBARMENT CERTIFICATION:

CONTRACTOR hereby certifies that at the execution of a contract with the Jackson Public School District (JPS), that the CONTRACTOR is not on the list for federal debarment on www.sam.gov – System for Award Management.

STATE OF MISSISSIPPI REGISTRATION:

CONTRACTOR hereby certifies that at the execution of a contract with the Jackson Public School District (JPS), that the CONTRACTOR is not on the list for debarment on www.sos.ms.gov for doing business with the State of Mississippi or with any Mississippi State Agency.

PARTNERSHIP DEBARMENT CERTIFICATION:

CONTRACTOR hereby certifies that all entities who are in partnership through this contract or grant with the Jackson Public School District(JPS) (subcontractors, subrecipients, et al.) are not on the federal debarment list on www.sam.gov – System for Award Management or the State of Mississippi debarment list. Proof of documentation of partnership verification with SAM shall be kept on file and the debarment status shall be checked prior to submission of every contract/subgrant and modification to JPS.

Original Signature of Contractor or Authorized Official

Date

****Project is being supported with federal funds***

Submission of RFP Proposals Instructions if not emailed to the email address listed:

- Responses, once completed, should be placed in an opaque, sealed envelope
- On the outside of the envelope, list the company's name/address, RFP number, title, opening date and addressee information as they appear in the RFP proposal in order that the response may be accurately delivered and registered upon receipt. A designated official who is a legal representative of the Company must list required signatures where noted prior to submitting sealed proposal.
- Failure to comply with the above submittal instructions will cause proposals not to be registered or cataloged to appropriate file or received timely. The original documents must be displayed in front of all copies submitted by interested parties.
- Please submit Original RFP Documents in the Format Outlined along Six (6) Copies and any Documentation submitted with Proposal when Mailed or Hand Delivered to:
- Any proposal not received by the stated submission deadline/time will not be considered and/or opened. The proposal will be returned to the vendor at the vendor's expense.
- The District accepts no liability for late submissions due to the actions of the United States Postal Service, Federal Express, United Parcel Service or any other delivery methods.

Page (23): Cover page is to be placed on the very front of the vendors submitted proposal. In the event this page is not displayed when the opening of proposal occurs; it will not be acknowledged or allowed to be presented. Place this page on the very front of the submitted documents. This applies to all submitted proposals weather mailed, hand delivery or electronically Uploaded. Submitted proposal must be signed by an authorized official to bind the offeror to the proposed provisions.

Proposals received after the due date and time will NOT be considered. Incomplete proposals will not be accepted and will not be returned for revisions. No faxed or emailed copies will be accepted. The Proposal Cover Page (23)

Please submit proposal when mailed or hand delivered to the below address:

**Jackson Public School District
Business Office
Attn: Bettie Jones
662 S. President Street
Jackson, MS 39201**

Or

Mailed or hand delivered proposal must include the Original and six (6) copies. Proposals may be uploaded to www.centralbidding.com before the designate date and time. No copies are warranted if uploaded electronically.

Please follow the proposal submittal instructions.

INSERT PAGE NUMBERS WHEN SUBMITTING ELECTRONIC PROPOSALS. PLEASE SUBMIT RFP DOCUMENTS IN THE ORIGINAL FORMAT ALONG WITH OTHER SUPPORTING DOCUMENTS ATTACHED TO PROPOSAL AND UPLOADED TO www.centralbidding.com. For any questions concerning the process, or how to register, please contact Central Bidding at 225-810-4814.

Until further notice, all hand delivery proposals delivered between 9:00 a.m. until 9:59 a.m. (local prevailing time) the date the bid is scheduled to open, must be delivered to JPSP Board Room, 621 South State Street, Jackson, MS 39201.

RFPs will be video recorded for the public to view on the above date and time at Jackson Public School District, Central Office 621 S. South State Street, Jackson, Mississippi 39201.

For questions contact the project administrator. See below.

*Jackson Public School District
630 South State Street
Jackson, MS 39201
Information Technology
Mrs. Erin Mason, Executive Director
Phone: 601-960-8831
Email: eclark@jackson.k12.ms.us*

Data Center Refresh Project

01. Introduction and Purpose

The Jackson Public School District (JPSD), located in Jackson, Mississippi, is the only urban school district in the state of Mississippi. The District has seven high schools, ten middle schools, thirty elementary schools, and four special schools serving approximately 19,600 students in grades PreK- 12. There are approximately 2000 certified staff and 1500 non-certified staff members.

The Jackson Public School District (District) is seeking to replace existing equipment in the District's data center to update and modernize the District's systems to make them more effective, more efficient, more secure, easier to manage, and provide an increased ROI for the District.

The equipment to be replaced in the scope of this project are the existing SAN, file backup and recovery system, backup storage, and our physical server environment. The descriptions for all systems including manufacturer and model are included in the RFP.

The District is not specifying any manufacturer, model, system, or service in this RFP. The District is open to any technology, system, or solution that best meets the goals of the project as outlined in the RFP. Vendors may submit multiple options in each proposal, or they may submit multiple proposals. Vendors submitting multiple options or proposals should clearly identify each option.

The Jackson Public Schools is looking for a vendor/partner that can provide "one hand to shake" services for the District and be a true partner for the project. The District wants a partner that can provide the best solution for all the needs outlined in the RFP. The District wants a partner that can not only provide all the hardware, installation services, support, and project management services for the entire project, but can also support both the technology and the District after the project is complete.

The District reserves the right to make the recommendation for a solution that is deemed in the best long-term interest of the District, which may not necessarily be made on the basis of the lowest overall cost. There is a budget for this project. The District wants to purchase all the new technology and services at one time, however, should the solution selected by the RFP committee exceed the budgeted amount, the District wants the option to proceed with the best solution, and to be able to purchase some of the proposed technology now, and purchase some later. Vendors should be able to provide solutions that can be implemented in stages if necessary. Vendors are not expected to hold pricing for technology the District chooses not to purchase immediately.

02. Other Proposal Information

The District must receive all hardware on site by **November 18, 2022**. Vendors should only propose hardware that can be delivered by that date.

The District can provide detailed system and equipment information upon request including a recent Dell Live Optics report, a report from RV Tools, and data from an HPE Cloud Physics report. Vendors may request this information by emailing eclark@jackson.k12.ms.us.

All complete proposals will be evaluated by committee. After the initial evaluation of the written proposals, vendors selected by the committee will be invited to present their solution(s) to the committee. Presentations must be made in person at the District office.

Presentations will be time limited. Each presentation will include:

- Complete technical presentation that outlines why the technology solutions proposed by the vendor best meet the goals of the project as outlined.
- Outline of the installation and implementation process of the proposed systems.
- Free time for the vendor to present additional information of their choosing.
- Time for the District to ask clarifying questions about the technology and costs of the proposed systems.
- Time for the District to ask clarifying questions about any functionality of the proposed systems.
- Time for the vendor to ask clarifying questions of the District.

Following the vendor presentations, vendors will have the option to submit a *Best and Final Offer* to the District by the deadline outlined in the proposal timeline. Vendors not selected to present may also submit a *Best and Final Offer*.

03. Required Elements for all Proposals

For a proposal to be scored, it must have each of the following elements. Each element must be clearly labeled.

1. All required JPS Business Office forms and signature pages in the order and manner prescribed in the documentation.
2. One-page executive summary outlining how the solution(s) proposed by the vendor best meets the requirements of the proposal. Vendors proposing different solutions may elect to outline all solutions in one executive summary or include a separate executive summary for each option proposed.
3. Any required vendor contracts or terms needed to implement the proposed solution (if required).
4. Clearly understandable technical explanations for each element of the project; SAN, file backup and recovery system, backup storage, and our physical server environment.
5. Three references from school districts or businesses of similar network size and design (any geographic location is acceptable).
6. Clearly outlined and easy to understand pricing.

Scoring Rubric for Written Proposals

Criteria	Possible Points
The complete solution outlined by the vendor meets the District's overall proposal goals.	20
System proposed for the physical server environment meets the server goals.	5
System proposed for the SAN environment meets the storage goals as outlined in the proposal.	5
System proposed for the file backup and recovery system and backup storage meets the goals as outlined in the proposal.	20
Technical documentation for each proposed system	10
Cost	5
Security of the proposed solution	20
Can the vendor execute the project as proposed?	10
Proposal – complete, informative, clear and well organized	5

04. Proposed Timeline of Events

Description of Events	Date
RFP Released	July 1, 2022
Pre-Bid Conference – in-person, not required, no virtual option, audio recording <u>may</u> be available after the conference <ul style="list-style-type: none"> Vendors may visit the District's data center after the pre-bid conference upon request Location: 630 South State Street, 2nd Floor Computer Lab Vendors must register at: https://forms.gle/TbCgDGLgjbTVRJD9 	July 15, 2022
Deadline for Questions	July 21, 2022
Written Proposals Due	July 27, 2022
Vendor Presentations (if selected)	August 15-19, 2022
Best and Final Offers Due	August 24, 22
Board of Trustees Approval*	September 20, 2022 (tentative)
POs for all equipment and services must be issued by the District	September 30, 2022

**(Contingent on legal approval of any contracts, terms and conditions documents, data sharing agreements, and other legally required documents)*

Purchase orders for all equipment, licensing, and other installation services must be issued by **September 30, 2022**. All equipment offered in each proposed must be received by **November 18, 2022**.

05. Project Goals

Specific goals for the entire project and each element of the project are below. It is anticipated that a clearly defined scope of work for the project will be developed based on the goals of the project and the system selected in coordination with the vendor following approval of the RFP by the JPS Board of Trustees.

5.1 Overall District Goals: The JPSD has the following overall goals for the data center refresh project:

- Replace the District's current SAN, file backup and recovery system, backup storage system, and physical server environment.
- Install a secure, modern, and easy to manage system that not only meets the current needs of the District but can also meet the future needs of the District.
- Partner with a vendor that can help the District not only refresh the data center hardware but can help the District re-think the data center and add the best technology solution for the needs of the District.
- Implement a system that can successfully blend on-premises and cloud technology now, with an eye toward the future of cloud computing.
- Install the most secure system possible that can protect the District data from potential loss, theft, or compromise.
- Create a data center infrastructure that provides users with the most secure, reliable, and efficient services possible.
- Invest in technology solutions ranked in the Gartner Magic Quadrant.
- Maintain the existing VMware vSphere virtual environment.

5.2 Physical Server Environment Goals

The District currently has an HPE BladeSystem c7000 G3 Enclosure providing access to HPE ProLiant BL460c blade servers.

Detailed information about the current blade servers are at the end of the proposal. Additional information can be requested by emailing eclark@jackson.k12.ms.us.

Goals

- Replace the current blade server environment and enclosure.
- Ensure the replacement blade server has the capacity to support current District needs as well as being scalable to allow for future growth.
- Provide all technical services, implementation services including testing and validation that is needed to transfer all current District servers, software, data, and any other configurations needed to make the new solution 100% operational.
- Provide knowledge transfer on the management of the new system to District IT staff.

5.3 Storage Area Network (SAN) Goals

Current District Storage is provided for virtual servers, database and file servers by means of the HPE 3PAR StoreServ storage array (SAN).

Detailed information about the current SAN is at the end of the proposal. Additional information can be requested by emailing eclark@jackson.k12.ms.us.

Goals

- Replace the current SAN.
- Ensure the replacement SAN has the capacity to support current District needs as well as being scalable to allow for future growth.
- Provide all technical services, implementation services, including testing and validation that is needed to transfer all current District servers, software, data, and any other configurations needed to the new solution 100% operational.
- Provide knowledge transfer on the management of the new system to District IT staff

5.4 File Backup and Recovery System and Backup Storage Goals

The VEEAM Backup and Recovery system is used to facilitate the backup of the physical servers housed in the data center. All backups performed in the data center, whether by the VEEAM system or other means, are backed-up directly to the HPE StoreOnce storage array (SAN).

Detailed information about the file backup and recovery system and backup storage is at the end of the proposal. Additional information can be requested by emailing eclark@jackson.k12.ms.us.

Goals

- Replace the current backup storage array (SAN)
- Install a backup solution including hardware and software that improves the security of the District's data. The solution must provide the following capabilities for all backups:
- Solution must enforce zero trust protection.
- Solution must provide NTP protection
- Solution must create immutable and air gapped backups.
- Solution should ensure that backup data is never be available in read/write mode to an external client at any time.
- Solution must include tools to assist the District in identifying potentially infected backups and the date infection occurred.
- Solution must be able to scan backups for anomalies and file encryption.
- Solution should provide data to inform the District what applications and files may be suspicious or corrupted and can easily identify the most recent clean files or applications to restore.
- Solution should provide an easy, efficient way to find and restore the most recent, clean data in the event of a breach.
- Solution must provide an easy-to-use recovery tool for the restoration of individual files, folders, and servers.
- Leverage the capabilities of the new backup solution and implement a solution that allows the District to follow the 3-2-1 rule for backing up data with at least one copy of the data stored in the cloud.
- Assist the District in creating a retention policy that is in the best interest of the District.

- Provide all technical services, implementation services, including testing and validation, that is needed to transfer all current District servers, software, data, and any other configurations needed to make the new solution 100% operational.
- Provide knowledge transfer on the management of the new system to District IT staff

Requested Option for Office 365 Backup (not scored)

The District is interested in a system that will allow us the option of backing up and protecting Office 365 (M365) with the same level of protection as that of the premises data. The backup of Office 365 can remain in the cloud. A system that would allow the District to use the same technology to back up both the on-premises environment and the Office 365 environment would be a value add to the District. The District is interested in technology Vendors can present an option with their proposal that provides this capability.

6.0 Pricing

The District recognizes the complexity of this project, and the difficulty in comparing the costs of different systems and different technologies.

Each vendor should include the specific costs in the table below so the committee can easily find and understand the baseline costs associated with the project. Vendors can add additional information they feel is needed to explain, outline, or clarify the costs associated with the project including formal quotes. All cost tables, summaries, quotes, or other supporting documentation will be reviewed.

The District committee will reach out to the proposal contact to clarify pricing if we have questions while scoring the written proposals.

The costs should be entered in this table as well as on any other supporting documentation that outlines the cost.

The District may purchase all or part of the elements of this project based on the cost and the best interests of the District. Based on the cost and the available funding, the District may also need to delay the purchase of parts of the project. Vendors will not be expected to hold pricing for technology the District chooses not to purchase immediately.

Description of Cost	Cost
Total cost of all elements of the complete project including installation, hardware, software, support, and all technical and cloud services if applicable. This cost includes the physical server environment, SAN, and file backup and recovery system and backup storage.	
Total cost of the physical server environment including installation, hardware, software, support, and all technical and cloud services if applicable.	
Total cost of only the SAN including installation, hardware, software, support, and all technical and cloud services if applicable.	
Total cost of only the File Backup and Recovery System and Backup Storage including installation, hardware, software, support, and all technical and cloud services if applicable.	
<i>Optional: Total cost of a solution for backing up Office 365 including installation, hardware, software, support, and all technical and cloud services if applicable.</i>	
Year 2 total cost for support, maintenance, licensing, cloud services or any other costs associated with maintaining all elements of this project, including the physical server environment, SAN, and file backup and recovery system and backup storage.	
Year 2 total cost for support, maintenance, licensing, cloud services or any other costs associated with maintaining the physical server environment.	
Year 2 total cost for support, maintenance, licensing, cloud services or any other costs associated with maintaining the SAN.	
Year 2 total cost for support, maintenance, licensing, cloud services or any other costs associated with maintaining the File Backup and Recovery System and Backup Storage.	
<i>Optional: Year 2 total cost for support, maintenance, licensing, cloud services or any other costs associated with maintaining the Office 365 backup.</i>	

Current Data Center Environment

Summary:

The IT Services Data Center primarily houses the following core systems in support of the district's data infrastructure:

- **Virtual Environment**
- **Physical Server Environment**
- **Storage Area Network**
- **File Backup and Recovery System**
- **Backup Storage and Deduplication System**
- **Uninterruptible Power Supply (not included in this project)**
- **Core Network Switching**

Virtual Environment:

The Virtual Environment is facilitated by the VMware vSphere system to provide Microsoft virtual servers, Open Virtual Appliances (OVA) and Open Virtual Formats (OVF).

Following is summary data for the current VMware vSphere virtual environment, including the CPU Processor and Core counts which are often used to determine licensing.

All ESXi servers reside on HPE ProLiant BL460c Gen 8 and Gen9 blade servers.

VMware vSphere

Version: 7.0.2 (Standard)

Build: 17958471

Cluster(s): 1

Datastores: 20

Hosts: 5

Virtual Machines: 57

VMs per Hypervisor: 11.4

Total Storage Capacity: 74.5 TB

Storage Used: 38.26 TB

Storage Free: 26.54 TB

Total CPUs: 10

Total Cores: 160

Total Memory: 1.25 TB

ESXi Servers: 5

ESXi Servers Model: HPE ProLiant BL460c Gen8 and Gen9

ESXi Server OS: VMware ESXi 7.0.2 build-17867351

Physical Server Environment:

Whenever a virtual server is not an option and a physical server is required, the HPE BladeSystem c7000 G3 Enclosure provides access to HPE ProLiant BL460c blade servers.

Currently these blade servers are primarily tasked as VMware vSphere ESXi servers and dedicated Microsoft SQL servers.

HPE BladeSystem c7000 G3 Enclosure

Firmware Version: 4.50 Jul 24 2015

Blade Server Models: HPE ProLiant BL460c Gen8 and Gen9

Bays Populated: 8 of 13

Storage Area Network:

Drive storage is provided for virtual servers, database and file servers by means of the HPE 3PAR StoreServ storage array (SAN).

HPE 3PAR StoreServ 7200c

Model: HP_3PAR 7200c

OS version: Current 3.2.2.709

Connected via 2 x HPE 5900 series switches using SFP Transceivers

Controller Nodes: 2

Hosts: 5

Enclosures: 3

Physical Drives: 72

Total Capacity: 126,273 GiB

Used: 79,536 GiB

Free: 46,736 GB

File Backup and Recovery System:

The VEEAM Backup and Recovery system is used to facilitate the backup of the physical servers housed in the Datacenter.

VEEAM Backup and Recovery

Version: 10

Edition: Enterprise (Physical)

License: Perpetual

Hypervisor Sockets Licensed: 12

Hypervisor Sockets Used: 10

Server Instances: 6 of 6 Licensed

Backup Cycle: Daily Incremental with Full backups on Weekends

Backup Retention Period: 8 Calendar Days

Backup Storage and Deduplication System:

All backups performed in the Datacenter, whether by the VEEAM system or other means, are backed-up directly to the HPE StoreOnce storage array (SAN).

HPE StoreOnce 5100

Server: HPE ProLiant DL380 Gen9

Software Revision: 3.15.1-1636.1

Total Capacity: 33.49 TB

Used Space: 32.65 TB

Free Space: 845.66 GB

Network Expansion: 10GbE SFP

Replication: None

Uninterruptible Power Supply: (not included in this project – informational only)

Uninterruptible Power Supply is currently provided to the entire Datacenter infrastructure in the form of a Symmetra PX 80kW UPS system.

Symmetra PX 80kW

Model: SY80K100F

Main Input Voltage: 3 Phase

Main Output Voltage: 120 V (3 Phase)

Kw Rating: 80 kW

Output Connector Type: Hard Wire 5-wire (3PH + N + G) 1

Battery Type: VRLA

Current Runtime: 2 Hours 41 Mins

Jackson Public School District Proposal Submission Cover Page



Jackson Public School District
662 South President Street
Jackson, MS 39201

RFP Proposal # _____

RFP Title _____

Submission Deadline Date and Time: _____

Participating Vendor Name _____

Address _____

Hand written Signature _____

Addendums Acknowledge Yes _____ or No _____

Combined Proposal Total Cost _____

This cover page is to be placed on the very front of the vendors submitted proposal. In the event that this page is not displayed when the deadline opening date occurs; it will not be acknowledged or allowed to be presented. Place this page on the very front of the submitted documents. This applies to all submitted proposals weather mailed, hand delivery or electronically emailed.