

# Randolph County School System

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## REQUEST FOR PROPOSAL

### Refresh Data Center Computer Hardware & Software

**Invitation to Bid:** The Randolph County Board of School System invites sealed bids in accordance with provisions, specification, and bidding instructions set forth in this Request for Proposal. Bids must be hand delivered prior to 12:00 pm EST. on April 30, 2021. Instructions for bid submissions are contained within this document.

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MARCH 22, 2021



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## SUMMARY AND BACKGROUND

The Randolph County School System (RCSS) is soliciting proposals to purchase servers, storage equipment, and backup solutions as well as installation, service, and support for a complete turnkey virtual environment upgrade. The Randolph County School System is a public Pre-K-12 school district in Cuthbert, Georgia and includes one high school, one middle school, one elementary school, and an early childhood center (Head Start). Total enrollment for all schools is approximately 800 students.

## PROPOSAL GUIDELINES

This Request for Proposal represents and outlines the requirements for an open and competitive bid process. Proposals will be accepted until April 30, 2021 at 12:00 pm CST. Questions can be submitted until close of business (4:00 p.m.) on April 23, 2021.

Submit Proposals to the Following Address:

Randolph County School System  
Refresh Data Center Computer Hardware & Software  
98 School Drive  
Cuthbert, Georgia 39840

Proposals must be hand delivered (USPS, courier, etc.) to the above address. The Randolph County Board of Education typically is open from 8:00am to 4:00pm EST Monday through Friday.

## EVALUATION CRITERIA

Commitment to any proposal will be made on the basis of the following criteria:

- Cost of products and/or services (30%)
- Meets project and RCSS objectives (30%)
- References and Experience (20%)
- Implementation design and schedule (20%)

## PRICING

Please provide a pricing matrix that aligns with the following format. The District reserves the right to purchase all or some of the proposed solution. Proposals and pricing must include all costs essential to the supply and installation of all components. Costs include but are not limited to, hardware, installation, power supplies, virtual technology and software, patch cables, peripherals, labor, permits, or any other fees/charges that may be imposed in order to complete the project.

However, to ensure that normal business hours are not affected, please include any additional compensation or fees that would be incurred for work performed in the evenings or Saturdays if those hours are irregular for your business.

**HARDWARE, SOFTWARE, AND LICENSES**

Item	Description	Quantity	Unit Price	Total

**Labor**

Item	Description	Quantity	Unit Price	Total

**Training/Support\***

Item	Description	Quantity	Unit Price	Total

\*If discounts are available for multi-year support agreements, provide this information including the length of term and discount.

# SCOPE AND SPECIFICATION OF THE PROPOSAL

## OUTLINE

The RCSS plans to upgrade its existing data center solutions (computer, storage, backup, and virtualization) to replace incompatible hardware, support modern server virtualization and deployment guidelines, address storage concerns, and better facilitate on-demand cross-site backups and restorations. The District has two primary data centers located at the Randolph Clay Middle/High School (primary site) and the Randolph County Elementary School (secondary site) that are 8 miles apart.

The RCSS seeks supply, installation, and configuration of a new “turn-key” solution that would successfully host a mixture of server workloads running Windows, Linux, and other key applications that will be defined later in this document. The selected bid will account for existing infrastructure and the ability to quickly deploy the new solution without interfering with the current environment; The RCSS is looking to install a server structure that will be scalable and be able to adapt to the Randolph County Elementary School migrating to the Randolph Clay Middle/High School campus within the next two years. This may include adjustment to the RCSS Local Area Network and existing sub-nets.

## PROPOSAL REQUIREMENTS

The selected proposal must include or be able to provide the following:

- Server and Storage Architecture
  - Two (2) Hyper –V servers (each server must contain the following)
    - Two (2) SSD (250 Gbs each)
    - Dual Intel Gold 2<sup>nd</sup> Gen 3.8 GHz processors.
    - 256 Gb memory
    - Raid 60, 10 drive, 1.2 TB SAS each
    - 10 GB SFP+ network in each server
  - One active Directory, DNS, DHCP server/virtual
    - 32 GB RAM
    - 5 600Gb SAS hard drives running hardware Raid 5
    - Intel Gold 2<sup>nd</sup> Gen 3.8 GHz processor
    - 10 GB SFP+ network in each server

- Data Center 2019
- 250 client access licenses for Server 2019
- All applications and services migrated from current server array to new server array
- Fault tolerance and health monitoring software complete with notifications
- Vender is responsible for deployment of equipment, configuration to connect with the current RCSS environment and proposed expansion to the Randolph Clay Middle/High School campus to include the Randolph County Elementary School, restructure Active Directory according, and migrate the existing server environment to the new Hyper-V environment and post-deployment monitoring/support.
- Backup Solution – Preference is Unitrends with 8 TBs of data backup on device with 500 Gb backup in the cloud.
- UPS – Two (2) 6000 W
- Antivirus/Malware/Ransomware Solution
- Additional Considerations and Preferences include:
  - Simplified administrative features
  - Maintenance, support, extended warranty terms
  - At least 3-year onsite hardware warranty
  - Training for RCSS technology staff (vender must include an outlined plan for three days of training on various server and backup administration)

The RCSS expects that the delivered solution will include shipping, delivery and provisioning of materials and equipment, installation, configuration, testing, documentation, and training/support for designated District staff to use, monitor, and adjust the system as necessary.

Selected bids shall provide all the requisite system components that are typically and reasonable required to make the system operational; this includes patch cables, connectors, connecting accessories, power supplies & cords, rack mounting adapters and shelves, cover plates, and any connector or termination hardware required by but not supplied with pieces of equipment.

## EXISTING INFRASTRUCTURE

- 10 Gb Fiber between sites
- 300 Mb Internet (Should be doubled to 600 Mb with 2 months)
- 10 Gb between MDF and IDF
- 1 Gb to endpoint

- Forigate 600E Firewall/Content Filter
- New Ruckus switches and access point will be install Spring of 2021
- One DRC Testing Server that will continue to operate in the new environment

## CALENDAR OF EVENTS

March 22, 2021 .....Publish RFP

April 2, 2021 .....Vender conference and site visit\*

April 16, 2021 .....Deadline for receipt of proposals (end of business @ 4:00 pm EST)

April 19, 2021 .....Opening and awarding of bids.

\*Site visit will begin at 10:30 am on April 2, 2021 and the site visit is not required but recommend.



## PROPOSAL IDENTIFICATION SHEET

### VENDOR TO COMPLETE AND RETURN WITH PROPOSAL

Our proposal is attached and identified as: \_\_\_\_\_

Total Data Center Refresh Bid Price (all components including training and three (3) to five (5) year maintenance): \$\_\_\_\_\_

Prices quoted in the bid will remain in effect for 20 calendar days after the bid proposal submission deadline (April 16, 2021 by the close of district office @ 4:00 pm).

The undersigned agrees to furnish the service stipulated at the prices and terms stated in the cost proposal. I understand that by virtue of executing and returning with the Proposal form, I certify that the Vendor understands and does not dispute any of the contents of this Request for Proposals.

Work services will commence within \_\_\_\_\_calendar days after signing of the final contract.

Company: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name of Person Signing: \_\_\_\_\_

Title of Person Signing: \_\_\_\_\_

Telephone (Including Area Code): \_\_\_\_\_

Fax (If Applicable): \_\_\_\_\_

Email: \_\_\_\_\_ Taxpayer Identification No.: \_\_\_\_\_

## REFERENCE LIST

Provide a list of at least four (4) customers for whom you have recently provided similar services. Be sure to include addresses and phone numbers. Failure to provide 4 references may cause rejection of bid.

Company/Organization Name: \_\_\_\_\_

Address: \_\_\_\_\_

Contact Name: \_\_\_\_\_ Phone No.: \_\_\_\_\_

Service Provided: \_\_\_\_\_

\_\_\_\_\_

Company/Organization Name: \_\_\_\_\_

Address: \_\_\_\_\_

Contact Name: \_\_\_\_\_ Phone No.: \_\_\_\_\_

Service Provided: \_\_\_\_\_

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Address: \_\_\_\_\_

Contact Name: \_\_\_\_\_ Phone No.: \_\_\_\_\_

Service Provided: \_\_\_\_\_

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