

# 23-03 JCSS WAN SPECIFICATIONS

## 1. Scope of Work

The Jones County School System (District) is soliciting proposals from registered E-Rate vendors for a Wide Area Network (WAN) for all sites in the District. A minimum dedicated WAN speed of 10Gbps will be required, but bandwidth demands are expected to increase over time. The solution must be scalable in terms of speed and price to ensure delivery of the best value to the District.

The District intends to obtain a contract for WAN as a service with maintenance from this initiative for either 3 or 5 years. All indicated sites will be connected to the Data Center location. All locations are listed in Section 6.

Network electronics capable of providing routing and transmission between schools must be supplied by the provider. The electronics must be compatible with the current equipment at each location. The handoff to the District at the Data Center should be a multimode LC fiber per site. The handoff to the District at each remote location should be a multimode LC fiber.

The provider is responsible for becoming familiar with the conditions at each work site and allowing for them in the proposal.

Any permits and inspections required for the proper installation of the specified project shall be furnished and coordinated by the provider at their sole expense.

All network cutover work must be performed after normal school hours or on weekends to avoid disruption to students and staff. All work areas and materials must be secured, and a safe environment maintained for students and staff.

The completed installation must be inspected and approved in accordance with all state and local codes and requirements.

All providers shall carry Worker's Compensation Insurance, in addition to Public Liability Insurance. Verification of this insurance must accompany the provider's proposal.

The provider shall remove from the premises any resultant debris and return the surrounding areas to previous condition.

The successful proposal shall also include maintenance costs as part of the service cost. Any repair costs will be the responsibility of the vendor for the life of the contract.

Monitoring of network services by the provider is required. The provider must be able to detect an outage and initiate a response without notification from the District.

Support personnel must be available on-site within 2 hours of a reported network malfunction.

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Any interruption in service shall be resolved within (24) twenty-four hours of the problem being reported. Failure to have the network repaired and communications re-established after 24 hours will result in the loss of 5% of the monthly cost for each 24-hour period the wide area network is down.

### **2. Proposals/Pricing**

In order to assess the vendor's ability to provide WAN services necessary to meet District needs, the response to this RFP must describe in detail how your WAN solution provides the services requested. This description should include, but not be limited to:

1. How your solution works
2. Anticipated time requirements to obtain permits, certifications, etc
3. Anticipated time to fully implement your solution
4. Use of subcontractors for cable and electronics installation, etc
5. A network design and map showing available bandwidth and pathways between locations

Certification that the vendor is a registered E-Rate vendor at the time of the proposal is required. Pricing must include all development "one-time" costs as well as recurring monthly costs.

Pricing should be provided by site as well as a total cost. A pricing matrix provided in Section 5 must be completed as indicated.

Vendor must provide a statement itemizing e-rate eligible and non-eligible items.

Proposals should provide information for an upgrade path during the contract period and supply detail of the costs of such an upgrade.

All costs for maintenance of the WAN must be included.

Proposals and contracts must fully comply with the guidelines of the E-rate program.

### **3. References**

Current references of similarly sized WAN solutions implemented by the provider must be included in the proposal. K-12 references are preferred.

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### 4. Selection Criteria

E-rate funding is mandatory for this project. The following SLD-approved evaluation matrix will be employed so that price is the single most important criteria.

Factor	Weight
Price	40%
Quality of Solution	30%
References	30%
Total	100%

### 5. Lease terms and pricing

The District desires the options of a 3-year and a 5-year contract for WAN as a service with maintenance in this RFP. Prices shall remain firm for the life of the contract.

Funding will be subject to E-rate eligibility and public vote.

If a site is decommissioned, the district will no longer be responsible to pay for service to that location for the remainder of the contract.

All pricing shall be submitted in the format shown below.

WAN As Service (3-year)										
Site	CRMS	DFES	GES	GSMS	JCHS	TWES	MWES	JCBOE	Data Center	Total for District
One Time Fee										
Monthly Fee										
Total Per Site										

WAN As Service (5-year)										
Site	CRMS	DFES	GES	GSMS	JCHS	TWES	MWES	JCBOE	Data Center	Total for District
One Time Fee										
Monthly Fee										
Total Per Site										

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### **6. Locations of Service**

#### **Clifton Ridge Middle School**

169 Dusty Lane, Macon, GA 31211

Phone: 478-743-5182      Fax: 478-743-8282

#### **Dames Ferry Elementary School**

545 Highway 18W, Gray, GA 31032

Phone: 478-986-2023      Fax: 478-986-2027

#### **Gray Elementary School**

365 Highway 18E, Gray, GA 31032

Phone: 478-986-6295      Fax: 478-986-3911

#### **Gray Station Middle School**

324 Highway 18E, Gray, GA 31032

Phone: 478-986-2090      Fax: 478-986-2099

#### **Jones County High School**

339 Railroad Street, Gray, GA 31032

Phone: 478-986-5444      Fax: 478-986-1589

#### **Mattie Wells Elementary School**

101 Mattie Wells Dr. Macon, GA 31217

Phone: 478-742-5959      Fax: 478-742-5930

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### **Turner Woods Elementary School**

144 Willie L. Fluellen Drive, Gray, GA 31032

Phone: 478-986-2222      Fax: 478-986-2264

Jones County Board of Education

125 Stewart Avenue, Gray, GA 31032

Phone: 478-986-3032      Fax: 478-986-4412

### **Data Center / PreK**

273 Railroad Street, Gray, Georgia 31032

Phone: 478-986-3032