

Schedule of Activities

Activity	Date
Issue RFP	January 6, 2021
Pre-Proposal Conference-ZOOM	January 19, 2021 @ 10:00 AM
Questions Due	January 20, 2021 @ 10:00 AM
Proposals Due	February 10, 2021 @ 2:00 PM
Effective Date of Contract	July 1, 2021

Introduction / Background

Gwinnett County Public Schools (GCPS or The District) is soliciting two distinct responses. These two responses are detailed below and will be evaluated and awarded independently of each other. Vendors may respond to either solicitation or both.

1. **Section A: New WAN Service** - The District is seeking a single award to provide lit or dark fiber WAN services. The single E-rate eligible vendor will provide, install and maintain E-rate eligible equipment and service in accordance with the specifications defined in this RFP and as determined by the District.
2. **Section B: Transitional WAN Service** – The District recognizes that it will take time to transition from existing WAN services to the service selected from Section A. In order to provide for connectivity across this time period the District is seeking a single award to provide lit fiber WAN services. The single E-rate eligible vendor will provide, install and maintain E-rate eligible equipment and service in accordance with the specifications defined in this RFP and as determined by the District. The number of sites serviced by the Transitional WAN Service will decline over time.

Contract Duration

Section A: New WAN Service

1. Service will begin on or after July 1, 2021.
2. All locations must have service installed and turned up by June 30, 2023 following a project plan timeline agreed to by the District.
3. The District prefers that the service have a five (5) year initial term with three (3) optional one (1) year renewals.

Section B: Transitional WAN Service

1. Service will begin on July 1, 2021 for all campus and administrative locations.
2. Service will have a one (1) year term with two (2) optional one (1) year renewals.
3. The District reserves the right to terminate circuits provided under this service for any reason with 30 days advanced notice to the vendor.

Campus and Administrative Location List

The Vendor's solution must provide fiber-based network infrastructure for all locations listed in this RFP. Site addresses are subject to change over the term of the contract. GCPS reserves the right to modify, add or remove sites from the Vendor's services at-will and without penalty throughout the term of the

RFP-2102BM WAN SERVICES

contract in order to account for any campus or administrative entities that open, relocate or close during the entire term of the contract.

See **Appendix A – Service Location List** for a list of locations where service will be required. This list provides information about the physical location of the campus or administrative location as well as the type of location it is.

Data Center Location List

The following locations are the GCPS Data Centers. These locations provide centralized IT resources as well as serve as Internet points of presence for the District.

Instructional Support Center (ISC)	437 Old Peachtree Road, NW Suwanee, GA 30024-2978
Lawrenceville West	495 Maltbie Street Lawrenceville, GA 30045

GCPS WAN Network Architecture

The two diagrams below provide a graphical representation of existing GCPS WAN network infrastructure. Each school campus is provided a 1 Gbps point-to-point fiber link to each of the GCPS Data Centers. Each administrative location is provided a 100 Mbps or 1 Gbps shared Ethernet fiber link to each of the GCPS Data Centers depending on their bandwidth requirements. The two GCPS Data Centers are connected to each other by two 10 Gbps point-to-point fiber links.

RFP-2102BM WAN SERVICES

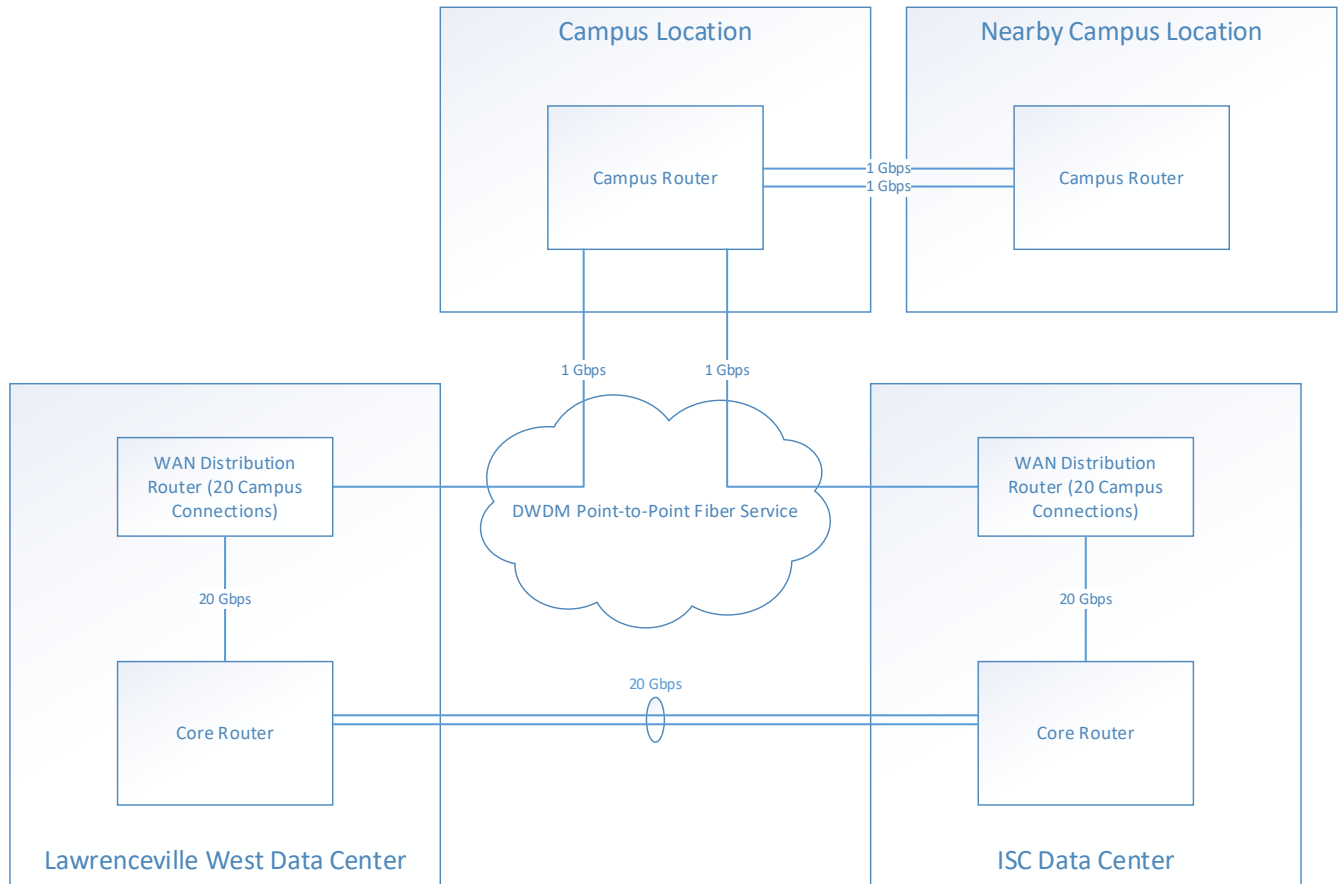


Figure 1 – Existing GCPS Campus Location WAN Architecture

RFP-2102BM WAN SERVICES

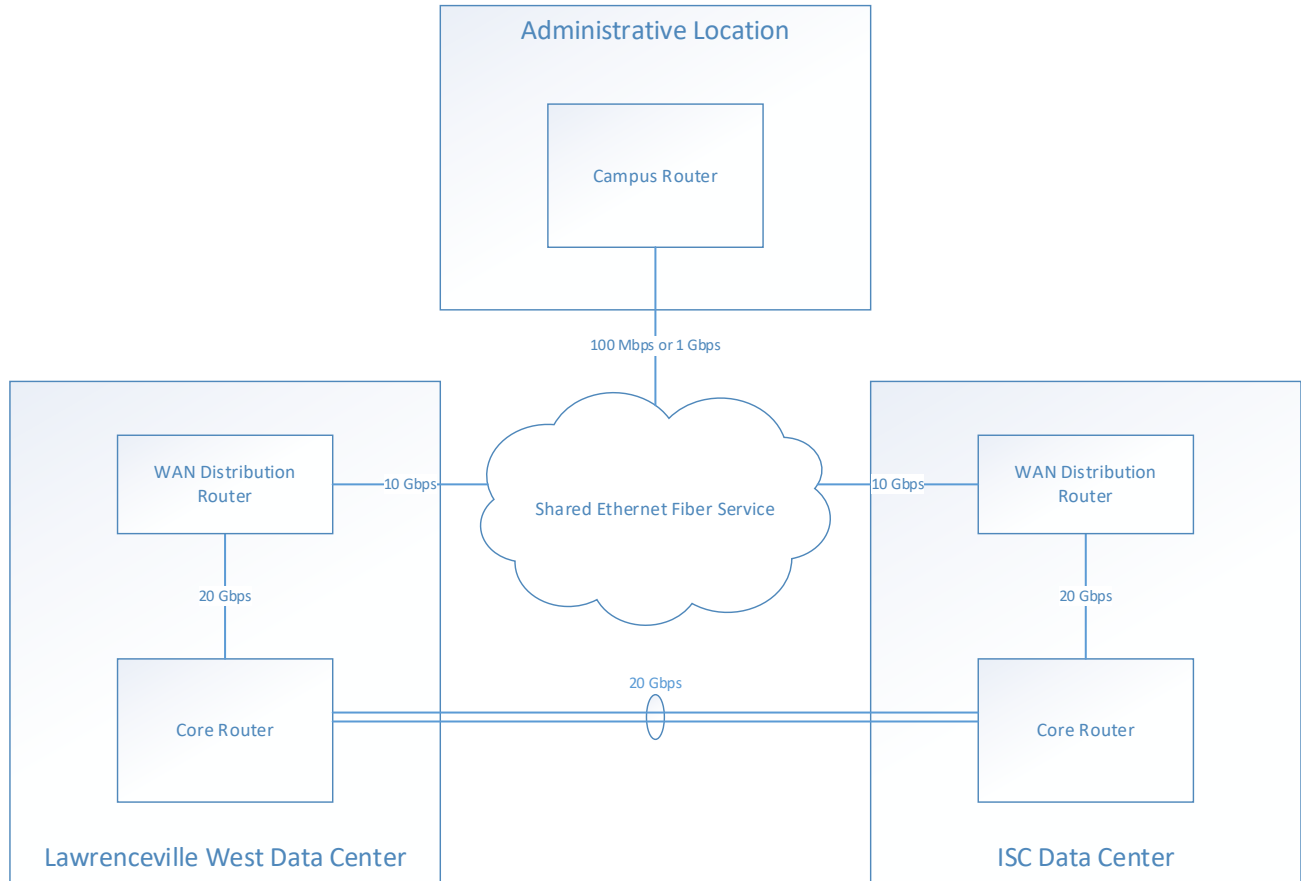


Figure 2 – Existing GPCS Administrative Location WAN Architecture

Technical Specifications

Section A – New WAN Service

1. The proposal will provide a lit or dark fiber solution between the two GPCS Data Centers. The solution will provide no less than 20 Gbps of bandwidth.
2. The proposal will provide a lit or dark fiber solution from each campus location to each of the GPCS Data Centers. The solution will provide no less than 10 Gbps of bandwidth to each location.
3. The proposal will provide a lit or dark fiber solution from each administrative location to each of the GPCS Data Centers. The solution will provide no less than 1 Gbps of bandwidth to each location.
4. A lit fiber service will provide single-mode fiber with termination equipment being either the appropriate Small Form-Factor Pluggable (SFP+) for 10 Gbps Ethernet or a new LC fiber patch panel.
5. A dark fiber service will provide a minimum of (4) four strands of single-mode fiber with termination provided by a new LC fiber patch panel.
6. Service termination point will be in each location's District specified MDF.
7. Provided bandwidth must be dedicated to GPCS, ungoverned and must not be affected by other customer network load on the service provider network.

RFP-2102BM WAN SERVICES

8. Service design is encouraged to provide the most robust fiber path, equipment and power configuration.
9. Connections between campus / administrative locations and the GCPS Data Centers must support end-to-end link state propagation. If a physical connection is interrupted, interface equipment at both ends must indicate that the link state is down.
10. Physical interfaces used for service hand off must support and fully integrate with the District's existing Alcatel-Lucent Enterprise switches.
11. Conduit and other pathway will be provided by the District for all new construction. Conduit and other pathway for sites listed in this RFP will be included in the Vendor's proposal.
12. Fiber may not share conduit with existing service unless a separate innerduct is available.
13. GCPS prefers consistency of equipment installed for all locations serviced by the Vendor.

Section B – Transitional WAN Service

1. The proposal will provide a lit fiber solution from each campus location to each of the GCPS Data Centers. The solution will provide no less than 2 Gbps of bandwidth to each location.
2. The proposal will provide a lit fiber solution from each administrative location to each of the GCPS Data Centers. The solution will provide between 100 Mbps and 1 Gbps of bandwidth to each location.
3. A lit fiber service for each campus location will provide single-mode fiber with termination equipment being either the appropriate Small Form-Factor Pluggable (SFP) for 1 Gbps Ethernet or a new LC fiber patch panel.
4. A lit fiber service for each administrative location will provide single-mode fiber with termination equipment being either the appropriate Small Form-Factor Pluggable (SFP) for 1 Gbps Ethernet or a copper port capable of 1 Gbps Ethernet.
5. Service termination point will be in each location's District specified MDF.
6. Provided bandwidth for campus locations must be dedicated to GCPS, ungoverned and must not be affected by other customer network load on the service provider network.
7. Service design is encouraged to provide the most robust fiber path, equipment and power configuration.
8. Physical interfaces used for service hand off must support and fully integrate with the District's existing Alcatel-Lucent Enterprise switches.
9. Conduit and other pathway will be provided by the District for all new construction. Conduit and other pathway for sites listed in this RFP will be included in the Vendor's proposal.
10. Fiber may not share conduit with existing service unless a separate innerduct is available.
11. GCPS prefers consistency of equipment installed for all locations serviced by the Vendor.

Minimum Eligibility Requirements

1. To be considered, the response must meet the following minimum requirements.
 - a. The Vendor must submit a response to the mandatory design option as described in Technical Specifications: Section A – New WAN Service.
 - b. The Vendor must adhere to the instructions in this RFP on preparing and submitting the response.
 - c. The Vendor must submit their response on time as detailed in this RFP.

Beneficial Alternatives

1. In addition to the mandatory design specified in the Technical Specifications section, the Vendor may submit one or more alternative technical solutions for consideration. Consideration of alternative technical solutions is entirely at the discretion of the GCPS Evaluation Committee. Any proposal that does not include a primary technical solution that meets the requirements of the RFP will be rejected without consideration of any alternative proposed technical solutions.

Security

1. **Confidentiality** – All information transmitted over the WAN service being proposed is private and protected and shall be kept confidential and shall not be made available to any individual or organization by the Vendor. This also includes packet data such as source and destination, the quantity or type of transmission. This includes any network demographic and SNMP information on how the network provided is utilized by the District including bandwidth utilization statistics, etc.
2. **Encryption** – For some services, the District may use cryptographic techniques for encryption of data. The Vendor's infrastructure is required to support the transmission of all encrypted information in a transparent manner.
3. **Data Integrity** – The Vendor will protect the District data during transmission through the WAN service from unauthorized modification, interception, and reception. Failure to provide Data Integrity will result in GCPS taking any actions allowed under local, state and federal laws. In addition, the failure to provide Data Integrity will be cause for GCPS to cancel the contract and seek damages.
4. **Identification and Authentication** – The Vendor will provide mechanisms to identify and authenticate Vendor personnel and District personnel who are authorized to access network management information.
5. **Access Control** – The Vendor will provide access controls to protect the network management systems from attacks from outside the Vendor network.
6. **Physical Security** – The Vendor will adequately secure its premises, equipment and communications channels using industry best practices for information security. In the event of a security incident the Vendor must notify the District immediately upon discovery (not to exceed 30 minutes) via approved notification procedure. The Vendor will protect its facilities and equipment from access and entry by unauthorized persons. The District will physically secure GCPS locations in which Vendor equipment has been installed.
7. **Security Improvements** – The Vendor will coordinate with the District to assess the severity of newly discovered security threats and take actions to resolve such threats.

Service Level Agreement

Vendor will provide a description of the Service Level Agreement (SLA) for all services in their proposal. This should include, but is not limited to:

1. **Network Availability:** 99.999% per service location.
2. **Network Operations Center:** Customer support functions including problem tracking, resolution and escalation support management on a 24x7x365 basis.

RFP-2102BM WAN SERVICES

3. **Vendor Network Monitoring:** Vendor should pro-actively monitor their network and all managed customer premise equipment. Specified District staff should be notified by the Vendor when a service affecting problem occurs.
4. **Trouble Reporting and Response:** Upon interruption, degradation or loss of service, District may contact the Vendor by defined method with a response based on trouble level. Upon contact from the District, the Vendor support team will initiate an immediate response to resolve any issue. District will receive rapid feedback on trouble resolution, including potential resolution time.
5. **Escalation:** In the event that service has not been restored in a timely manner, or the District does not feel that adequate attention has been allocated, the District may escalate the trouble resolution by request. A list of escalation contacts will be provided as a part of the SLA agreement.
6. **Resolution:** Specified District staff will be notified immediately once the problem is resolved and will be asked for verbal closure of the incident. The District may request a Root Cause Analysis (RCA) from the Vendor following resolution of the problem. This RCA must be provided to the District within seven (7) business days.
7. **Measurement:** Vendor commitment is to respond with acknowledgement of any reported outage within fifteen (15) minutes, have technician onsite within two (2) hours and affect a four (4) hour restoration of service. Time starts from the time the District contacts the Vendor and identifies the problem.
8. **Maintenance Windows:** Vendor planned maintenance activities affecting District service must occur between 12AM and 4AM. Vendor must provide a schedule and/or advanced notice of maintenance activity that clearly defines the impact to service.
9. **Spare Equipment:** Vendor will procure and store spare equipment for all hardware used to provide service at both District locations and Vendor data centers. Vendor stored equipment will be kept within 30 miles of the District and will be available within time to meet SLA issue resolution requirements. Vendor will keep an inventory of spare equipment and will provide this inventory to the District upon request.
10. **Penalties:** Vendor will issue billing credits at five times the monthly billing rate for any outage exceeding the parameters of the SLA.
11. **Portal Access:** Vendor will provide a web-based portal through which service status, billing and service reports may be gathered.

Vendor Requirements / Qualifications

1. **Design Qualifications:** The Vendor will have and maintain at least one (1) dedicated full-time regularly staffed Building Industry Consulting Service International (BICSI) Registered Communications Distributions Designer (RCDD) throughout the life of the contract.
2. **Local Presence Requirements:** The Vendor will maintain a local office presence within 30 miles of the District throughout the life of the contract.
3. **Fiber-optic Service Equipment Readiness:** Vendor will possess and maintain appropriate termination and testing tools for installation of all fiber-optic work. A detailed inventory of Vendor owned equipment including makes and models of the equipment will be itemized and titled "Equipment Readiness Statement of Qualifications" and submitted as part of the Vendor's proposal for District evaluation. The Equipment Readiness Statement of Qualification should

RFP-2102BM WAN SERVICES

include items like: service trucks, service fiber-optic spool trailers, trenchers, lift trucks, directional boring machines, OTDR meters, fiber-optic fusion-splicing machines, fiber-optic mechanical splicing machines, and any other equipment the Vendor feels pertinent to outside plant fiber-optic structured cabling installations. The use of temporary rental equipment for this project implementation will not be approved.

4. **Approved Production Fiber-optic Splicing Requirements:** The Vendor will use only fusion spliced methods for all production permanent splices. No mechanical splice techniques will be accepted outside initial fiber-optic strand testing. A copy of the production Optical Time Domain Reflectometer (OTDR) test results will be submitted to the District for each strand of fiber-optic cabling placed into production.
5. **Electrical Licensing Requirements:** The Vendor will possess a current unrestricted High Voltage license, a copy of this license will be included in the proposal for District review titled "Voltage License".
6. **Utility Contractor Licensing Requirements:** The Vendor will possess a current Utility Contractor's license, a copy of this license will be included in the proposal for District review titled "Utility License".
7. **Fiber-optic Fault Detection:** Vendor must possess utility locating devices for both radio detection and ground penetrating radar.
8. **Equipment Requirements:** Vendor will own and maintain all necessary equipment to provide proper installation of outside plant infrastructure for boring and/or trenching, as necessary, for inside low-voltage, and for emergency response.
9. **Sub-Contractor Provisions:** The use of sub-contractors by the Vendor should be communicated to the District in advance for approval. Sub-contractors will be held to all the same standards and contract obligations as the Vendor.
10. **Company Longevity:** Operating in business for a minimum of five (5) years with references that demonstrate that company has a minimum of five (5) years installation experience specifically in copper and fiber optic installation similar or same as the proposed materials and projects.
11. **Company References:** The Vendor will provide a minimum of three (3) references of projects of similar or same as the proposed materials and projects.
12. **Staff References:** Staff assigned to manage projects for the District projects will have a minimum of five (5) years' experience in the installation of copper and fiber optic cable and will provide references of management for projects of similar scope, size and sequence of the project proposed.

Additionally, Vendor will produce at least three (3) references of the staff/personnel who will be assigned to projects throughout the term contract as and when requested by the District. Information submitted will include copies of documentation of any certifications held by each. The District reserves the right to approve and/or reject persons assigned prior to assignments.

13. **Past Vendor Performance:** The District reserves the right to consider the past performance on Gwinnett County Public Schools projects as a means for assessing performance.
14. **No Conflict of Interest:** The Vendor must have no conflict of interest with regard to any other work performed by the firm for GCPS.

15. **Business Continuity & Disaster Recovery Plan:** The Vendor must have a current Business Continuity and Disaster Recovery plan(s), covering Vendor's operations in effect and be prepared to show them if requested.
16. **GA Business License:** The Vendor must be licensed to do business in the State of Georgia prior to delivery of any service.

E-rate Requirements

To warrant consideration for an award of contract resulting from this RFP, Vendors must agree to participation in the Universal Service Support Mechanism for Schools and Libraries (commonly known as "E-rate") as provided for and authorized under the federal Telecommunications Act of 1996 (Reference 47 U.S.C. § 254, "Universal Service"). Vendors acknowledge that any contractual relationship resulting from this solicitation of proposals may be partially or entirely dependent upon the successful receipt of Universal Service Fund ("USF") subsidies.

To ensure compliance with all applicable USF regulations, program mandates and auditing requirements, Vendors must comply with the following:

1. **USF Knowledge:** Vendor will have, at a minimum, a working knowledge of the Federal Universal Service Support Mechanism for Schools and Libraries (commonly known as "E-rate").
2. **USF Registration:** Vendor will submit with its proposal a valid Service Provider Identification Number (SPIN) and a valid Federal Communications Commission Registration Number (FCCRN).
3. **USF Participation:** Vendor agrees to participate in the E-rate Program and to cooperate fully and in all respects with the District, the Universal Service Administrative Company (USAC), and any agency or organization administering the E-rate Program to ensure that the District receives all of the E-rate funding for which it has applied and to which it is entitled in connection with Vendor's services.
4. **USF Documentation:** Vendor will provide to District staff and/or the District's E-rate consultant within a commercially reasonable period of time, all of the information and documentation that the Vendor has or that Vendor reasonably can acquire that the District may need to prepare its E-rate applications and/or to document transactions eligible for E-rate support.
5. **Invoicing Procedures:** Vendor will itemize, price and invoice separately any materials or services that are ineligible for E-rate funding.
6. **USF Discounted Invoicing and Reimbursement Processes:** Vendor will, at the District's request, either:
 - a. Invoice the District only for the non-discounted amounts due on E-rate approved transactions and simultaneously invoice the Universal Service Administrative Company ("USAC") for the balance [Discounted Invoice Process] or,
 - b. Remit to the District within twenty days of receipt the reimbursement payments it receives from USAC or any other third-party payor for the discounted portions of E-rate approved transactions involving the District [Reimbursement or "BEAR" Process].
7. **Discounted Invoice Process**
 - a. **Invoicing:** Within fourteen (14) days from the date that Vendor delivers to the District, E-rate approved materials or services, when delivery of such services triggers a payment

RFP-2102BM WAN SERVICES

obligation under Vendor's contract with the District, Vendor must invoice the District for its share of the pre-discount cost of those materials or services.

- b. **Timely Filing:** Vendor will be solely responsible for timely filing invoices with USAC. Accordingly, Vendor understands and agrees that District will NOT be liable to Vendor and Vendor will have no recourse against the District for any discounted amount that Vendor submits late to USAC for payment, if USAC refuses to pay the invoice due to late filing.
- c. **Invoice Rejection:** Vendor understands and agrees that District will not be liable to Vendor and Vendor will have no recourse against the District for any discounted amount that Vendor submits to USAC for payment if Vendor is at fault for USAC's refusal to pay. If the District is at fault, the District will not be liable to Vendor and Vendor will have no recourse against the District for the amount at issue until both the District and the Vendor have exhausted their administrative remedies of appeal to USAC and/or the FCC.
- d. **District Approval:** Vendor will submit to the District for its review and approval before submitting it to USAC for payment a copy of every invoice that Vendor intends to submit for services that it has provided or, in appropriate circumstances, will be providing to the District. The District will not unreasonably delay or withhold approval of Vendor's USAC invoices. As Vendor is solely responsible for timely filing invoices with USAC, it understands that it must submit invoices to the District sufficiently in advance of any USAC filing deadline to ensure that there will be adequate time remaining for it to meet the USAC filing deadline after the District has had a reasonable opportunity to review and approve them.

8. Reimbursement Process

- a. **Twenty Days:** Vendor understands that E-rate Program rules require it to remit a reimbursement payment to the District within twenty (20) days of receiving it from USAC.
- b. **Liquidated Damages:** Vendor further understands that it may not withhold a reimbursement payment from or refuse to remit such a payment to the District for any reason. Moreover, Vendor understands and agrees that its failure to make a reimbursement payment to the District in a timely manner will adversely affect the District's operations, but that the resulting damages will be impossible to ascertain with any degree of certainty. Vendor therefore agrees that if it fails to remit to the District a reimbursement payment within forty-five (45) calendar days after receiving it from USAC, Vendor will pay to the District as liquidated damages a total of \$500 per day for each day that lapse without payment after the 45th day.

9. Delayed USF Funding Commitment:

Vendor understands that, due to circumstances beyond the District's control, the District may not receive an E-rate funding commitment by the beginning of the E-rate funding year (July 1) for the services it intends to purchase from Vendor during that funding year.

- a. **Retroactive Invoicing:** When E-rate funding is approved, Vendor will invoice USAC for the discounted amount the District is owed retroactive to July 1st of the funding year or to whenever approved service to the District began, whichever date is later.

10. USF Audit and Document Retention Requirement

Vendor will maintain all bids, quotes, records, correspondence, receipts, vouchers, delivery information, memoranda and other data relating to Vendor's services to the District. All such records will be retained for five (5) years following completion of services and will be subject to inspection and audit by the District.

In addition to the foregoing, Vendor will create, implement and enforce an internal E-rate audit process that ensures that Vendor complies with all E-rate program rules and regulations. This process must include the following:

- a. Separating ineligible project management and other professional services costs, if any, from other charges.
- b. Where labor is involved, maintaining detailed, signed individual timesheets.
- c. Ensuring that ineligible charges are not submitted to USAC.
- d. Invoicing to USAC that is consistent with the contract and the District's 470 and 471 forms.
- e. Ensuring that services or products are not provided to the District without District's express written permission or official purchase authorization.
- f. Ensuring that District-approved substitute services or products are prominently noted on invoices submitted to USAC and the District.
- g. Where applicable, non-recurring services provided prior to September 30th and recurring services provided prior to June 30th.
- h. Supporting documentation sufficient to evidence that what was approved per the FCDL and provided to the District, was provided to the District.
- i. If E-rate eligible services and/or installation or equipment costs are included as part of a larger contract or service/equipment billing, support for the allocation of E-rate eligible amounts and reconciliation of that total to the total amount billed.
- j. If E-rate eligible services or equipment are allocated to multiple sites, support for the allocation consistent with the amount and locations identified in the Form 471.
- k. Documenting that E-rate funded services were provided within the allowable contract period and program year.
- l. Charging proper FRN(s)
- m. Ensuring that invoices and USAC forms are submitted to the District in a timely manner.
- n. Ensuring that USAC forms are filled out completely, accurately and on time.
- o. Ensuring that Forms 472 are signed/dated by Vendor's representative in a timely manner.
- p. Maintaining fixed asset list of E-rate-supported equipment provided to the District with detailed information for each item (model number, serial number, product description) and made available to the District in electronic format.

Performance Requirements

1. **Change Orders:** Any request for a change order will be in writing. Only written requests will be considered. In this change order, the Vendor will demonstrate that such costs were changes made from the original scope of work and not a mere oversight on the Vendor's part. The Vendor is expected to inspect and advise of such changes prior to submitting a proposal. Any

RFP-2102BM WAN SERVICES

extra costs submitted in excess of the original contract, must fully demonstrate to the District that such charges and changes were not included in the original scope of work, not evident in drawings and an oversight made by all.

A Change Order form must be submitted, signed and approved by all parties before the Vendor proceeds with any additional work above and beyond the original contract.

All discrepancies in bid documents, discovered by the Vendor, must be brought to the attention of the District representative prior to project being assigned.

A request for change cannot be guaranteed and approval of each is at the sole discretion of the District representative. Vendor will become completely familiar with all aspects of the project to assure that they agree with the proposed design necessary to complete the project and the materials to be included.

2. **Substitutions of Materials:** The Vendor will install all materials as submitted in the proposal. Any substitutions must be first approved and certified in writing by the Manufacturer and then submitted in writing to the District for approval. No substituted materials will be installed without written approval from both the Manufacturer and the District. Any substitutions made with only verbal approvals are done so at the sole risk of the Vendor.
3. **Storage, Handling and Protection of Equipment and Materials:** Each Vendor will be responsible for all costs associated with the safekeeping of materials, tools and other property. The District claims no responsibility for the expense, protection or safekeeping of the Vendor's property against fire, theft or any other such damages.

The Vendor will be responsible for the receipt, unloading and handling of materials necessary to complete each job. Any materials signed for or checked in by any person(s) whether employed or not employed by the Vendor become the sole responsibility of the Vendor. The District or his representative cannot be held responsible for the loading, unloading or the checking of materials for the Vendor.

The Vendor is responsible for providing whatever means necessary to house or protect all materials and equipment necessary to complete each job. Any arrangements made with the District, or any other person on the job site for this purpose, are done so only at the sole risk of the Vendor.

If temporary storage or trailer sites are needed for long term, such arrangements will be made by the Vendor with the District at the Vendor's expense. Fence and trailer storage sites must be kept clean and orderly and must house only those items necessary for the completion of the contract for which the storage has been set up. Such sites must be broken down and removed totally from the site at the close of each job. Payment can be withheld for trash or unwanted debris left on job sites. The area where the temporary storage was housed must be restored to its original condition at the close of the job.

Care must be taken not to destroy trees, plantings and other areas on the site when setting up

this storage site.

Cable will be stored according to the Manufacturer recommendations as a minimum.

Manufacturer Quality and Vendor Provided Warranty of Workmanship

The Vendor will warrantee all equipment for the life of the contract, and guarantee that any equipment, goods and/or supplies provided under this contract will be new, and comply with all specifications and other terms and conditions set forth in the Scope of Work of this contract.

The Vendor further warrants and guarantees that said equipment, services, goods and/or supplies will perform as specified in this RFP. The Vendor agrees to provide to the District, at no cost, this warranty. This warranty covers the physical installation and workmanship of the Vendor.

Vendor will clearly outline any/all warranty cost to the District, if any, associated with this warranty.

Punch List Inspection

At intervals specific to each job, Punch List inspections will be conducted by the District or an appointed representative. These punch list inspections will require the involvement of the Vendor staff. During this punch list inspection, the Vendor will be required to make available the necessary tools to conduct the inspection such as ladders, flashlights, etc. All action items noted during the inspection will be provided to the Vendor in writing along with a recommended course of action to correct each problem cited. The Vendor will be solely responsible for thorough craft inspection during the installation of materials on the project and for the quality of work of their staff.

Testing

All testing will be conducted in accordance with BICSI. Both copper wire map and cable data transfer throughput testing will be performed on all copper cables installed. Both dB (decibel) signal loss and data transfer throughput testing will be performed on all fiber optic cables. Cable certifications will be provided for both copper and fiber optic cables. All testing and cable certification test results will be supplied to the District in PDF format on duplicable media, reviewed and the results approved, before payment can be made to the Vendor.

1. **Copper Cable Testing:** Testing of all copper wiring will be performed prior to system cutover. The Vendor will notify the District prior to testing to allow the five (5) business days to participate if deemed necessary by the District appointee.
2. **Optical Fiber Cable Testing:** Fiber testing will be performed on all fibers in the completed end-to-end system. There will be no splices or cross-connect points allowed in the fiber optic design unless clearly defined and specified prior to installation. If a splice is deemed necessary, the Vendor will contact the District representative. Such splices will be approved by the District prior to implementation.
3. **Test Results:** The District technical representative will be notified of test schedules and dates prior to performing tasks. The District reserves the right to complete independent random field checks to verify testing.

All test documentation will be submitted to the District in digital form unless otherwise

requested. Each Vendor will verify at the start of the project assigned the method of test reports required.

The test documentation will be:

- a. Clearly labeled with the test point of origin and destination.
- b. Set up for feet and not meters.
- c. Bound in notebook form with tabs for separation of results.
- d. Available on compact disk or portable drive and in printed form when requested, readable in PDF format.

Completion of Work

At the close of each job, the Vendor will restore the site or areas where work has been completed to its original condition. Such items include the removal and replacement of ceiling tiles, faceplates, and covers to wire management panels.

Daily, the Vendor will remove all waste and excess materials, rubbish, debris, tools and wire trash resulting from or used in the services provided under this Contract. All clean up, restoration, and removal noted above will be performed by the Vendor and at no cost to the District.

1. **Trash Disposal:** It will be the Vendor's responsibility to remove trash from the areas he is working in and dispose of trash and debris. The Vendor will not use the District's dumpsters for trash disposals.
2. **Ceilings:** Vendors are to guard all ceiling and wall structures against damage during the installation process. Any damage caused during the completion of work will be restored by the Vendor. All removed ceiling tiles will be stored in a safe and clean location during the work process. The Vendor will be responsible for replacing all broken tiles. All tiles will match the type and design of adjacent area tiles. Any grid members that are damaged during the installation process will be replaced by the Vendor.
3. **Underground Cable Runs:** The Vendor will use industry accepted appropriate gel filled cable solutions when making any runs that require underground or subsurface pulls. It is the responsibility of the Vendor to locate and verify any subsurface pathways prior to the bid of any job.
4. **Walls:** Vendors are to guard against damage to all wall surfaces. The Vendor will be responsible for restoring all wall surfaces back to their original finish and appearance at the completion of work. Penetrations through walls made of brick, must be patched with mortar. Other penetrations through firewalls will be fire stopped. Refer to section on Fire Stop products.
5. **Penalty:** If the Vendor fails in its duties under this section, the District may upon notice to the Vendor perform the necessary clean up and deduct the costs thereof from any amounts due or to become due to the Vendor.

Inspection

Inspections will be conducted in accordance with current OSF Guidelines at the time of inspections. On-going inspections will be performed by the project manager and/or District staff.

RFP-2102BM WAN SERVICES

1. **Inspection Items:** The following items outline minimum checkpoints in accordance with OSF guidelines for the on-site in-progress inspections. As deemed appropriate for each job site and location, other items may be included in inspections that have not been mentioned below.
 - a. All work will be performed in a high-quality manner and the overall appearance will be clean, neat and orderly.
 - b. Is the design documentation complete? Are all cables properly labeled from end-to-end?
 - c. Have all terminated cables been properly tested in accordance with the specifications for the specific category as well as tested for opens, shorts, polarity reversals, and transposition?
 - d. Is the cable type suitable for its pathway? Are the cables bundled in parallel?
 - e. Have the pathway Manufacturer's guidelines been followed? Are all cable penetrations installed properly and fire stopped according to code?
 - f. Have the Vendors avoided excessive cable bending?
 - g. Have potential Electromagnetic Interference (EMI) and Radio Frequency Interference (RFI) sources been considered and avoided?
 - h. Are hanging supports within 1 meter (3 feet) as required by the Authority having Jurisdiction (AHJ)?
 - i. Have patch panel instructions been followed for items such as?
 - i. Jacket removal point.
 - ii. Termination positions.
 - iii. All pair terminations tight with minimal pair distortions.
 - iv. Twists maintained up to Index Strip.
 - j. Have 110 modular panel instructions been followed?
 - i. Cable dressing first.
 - ii. Jackets remain up to the connecting block.
 - iii. All pair terminations tight and undistorted.
 - k. Twists maintained up to the connecting block.
 - l. Are identification markings uniform, permanent and readable?
2. **Random Inspections:** The District reserves the right to utilize external quality assurance inspections. The Vendor will cooperate with any quality assurance inspector(s) by providing prints, documents and access to work areas.

Random infrastructure and cable quality assurance inspections may be conducted by a Building Industries Consulting Service International (BICSI) certified RCDD assigned by the District.

Sign-Off and Letter of Completion

At the close of a project, the Vendor will provide a letter of completion provide to District.

A project will not be considered complete until the following have been deemed complete and accepted by District:

1. Delivery of all applicable drawings i.e. "as-builts" requested in each scope of work.
2. Completion of all "punch-list" items.

RFP-2102BM WAN SERVICES

3. Telecom closets and areas where work was performed will be clean of all unnecessary items such as wire scrap, refuse and otherwise unnecessary debris.
4. All nameplates, identification stencils, etc. including the marking and tagging of underground cables.
5. Completion of all required tests with approval from the District of the results.
6. All ladders and equipment removed from the site.
7. Submission to Manufacturer for warranties information and documentation.

Safety and Security

The Vendor will take full responsibility for their staff and their safety during this contract. Some of these responsibilities will include but not be limited to:

1. The Vendor will ensure that all their personnel adhere to applicable safety regulations including those of OSHA.
2. The Vendor will ensure that all his personnel have been adequately trained to safely operate all the equipment assigned to them.
3. All vehicles will be equipped to conform to all applicable OSHA requirements regarding necessary safety equipment.
4. Where required, each employee of the Vendor will utilize Personal Protective Equipment in accordance with 29 CFR Part 1926.95(a) (OSHA) and the Vendor will be responsible for ensuring this requirement is adhered to.
5. Daily cleanup of equipment and materials is required.
6. If in question, rope off any areas that may become a safety concern.
7. Place proper and sufficient pedestrian traffic barricades around ladders and wire pulling operations in open hallways and other areas that create a hazard to personnel working in occupied buildings.
8. The Vendor will maintain a "Safety Operations" manual for his personnel and will insure that all personnel are familiar with the practices therein.
9. The Vendor will maintain a drug testing program and will insure to the District that all personnel assigned to this project have been tested and cleared of illegal substance abuse.
10. **Confined Spaces:** Telecommunication work in an OSHA defined confined space is not anticipated at any of the Gwinnett County Public Schools sites, however, if any confined space areas are identified as such, the Vendor will notify the District immediately and not enter these areas.
11. **Outdoor Work:** If any project requires outdoor work, and such work places the Vendor or any of his staff or equipment in the path of vehicular or pedestrian traffic, all DOT traffic and safety guidelines must be adhered to. The Vendor will notify the District of any such activity prior to the commencement of work. Sufficient traffic and pedestrian barricades and signage will be maintained. No manhole or handhole will be left open and unattended, and none left open overnight.
12. **Work in Hallways and Student Pathways:** All work done in hallways and other student pathways will be done after school hours or during non-school days unless otherwise approved by the GCPS designated project manager. When work is completed in occupied building the Vendor will:

RFP-2102BM WAN SERVICES

- a. Rope off all areas that may become a safety concern in occupied buildings.
 - b. Equipment, cables and personnel will not be in the hallways during periods of time when students are classroom changing classes.
 - c. Any disruption to services must be scheduled and approved by GCPS prior to the commencement of work.
13. **Future Safety Requirements:** Vendor agrees to abide by any future safety requirements implemented by the District.

Project Management

The Vendor will provide a qualified and competent project manager who is designated to this project. This project manager will be authorized to work directly with the District and must be able to communicate and interface with District staff of applicable facility and technology trades. This project manager must have a minimum of two (2) years' experience in the management of projects of similar scope and size.

The District reserves the right to require the removal or replacement of an assigned project manager if it is deemed in the best interest of the District to do so.

Work Site Access

Use of and access to District building(s) where the work is to be performed will be coordinated with the District prior to the commencement of work. The Vendor will cooperate with the District to minimize conflict and to facilitate the District's operations.

The District will appoint a representative(s) and provide the following information.

1. The Representative(s) for the job and his/her contact information
2. Phone:
3. Cell phone: (If Available)
4. After hours contact #(s)
5. Any other necessary contact information

The Vendor will coordinate all work requiring after-hours access seventy-two (72) hours ahead of time and prior arrangements will be made with all affected parties.

Technician actions will not interfere with, or interrupt, existing building services unless previous arrangements have been made with the District or a representative and approval provided.

Each worker for the Vendor will sign into and out of the GCPS designated visitor tracking system located at the front desk area of each site each day work is performed.

Unless otherwise stated, access and work at these sites can be accomplished between the hours of 3:30 PM and 10:00 PM on Monday through Friday. On a very limited basis, Saturday and Sunday workdays will be coordinated with the District two working days prior to the work.

Daily Work Environment Requirements

All Vendor contractors performing work within District facilities must adhere to the following requirements:

RFP-2102BM WAN SERVICES

1. Facility sign in procedures will be followed. Each contractor will possess a photo ID badge with the company and contractor name. This badge will be displayed prominently for the benefit of any District staff to identify who is performing work in the facility.
2. All school equipment and furniture will be covered to protect it from dust during dusty or residue generating operations.
3. Alcohol and tobacco products, of any kind, are prohibited on all District property.
4. Firearms are prohibited on all District property.
5. Minimize interference with the ordinary use of aisles, exits, student pathways and workspaces.
6. Loud drilling, floor/wall coring and other noisy operations that can potentially disrupt classroom instruction must have prior approval of the District and may require after hours operation.
7. Loud or disruptive talking, abusive or obscene language and general unnecessary horseplay will not be tolerated on the job site and will require removal of offending personnel.
8. The use of Vendor provided two-way radios will be observed in order to facilitate communication without the need for yelling or loud conversation.
9. All workers will be properly dressed in collared shirts and clean slacks or jeans. All workers will observe District dress code policy regarding logos, messaging and symbols displayed on clothing, and will be dismissed from the site if found to be in violation of those dress code policies.

Continuity of Service

1. The Vendor recognizes that the services under this contract are vital to the District and must be continued without interruption, and that upon contract expiration or at any time the District terminates or relocates services, a successor Vendor may continue them. The Vendor agrees to coordinate cutover, coordinating the orderly transition to new Vendor services such that the level and quality of service are not degraded, and to exercise its best efforts and cooperation to affect an orderly and efficient transition to a successor.
2. The Vendor will, upon receiving written notice, do the following:
 - a. Furnish phase-in, phase-out services for up to 180 days after this contract expires.
 - b. Negotiate in good faith a plan with a successor for determining the nature and extent of phase-in and phase-out services required. This plan shall specify interconnection and transition procedures enabling the services to be provided to the District at the levels and quality called for by this contract.
 - c. The price of services for any extension shall not exceed the prices in effect under the contract on the date of extension.

Appendix A – Service Location List

School Locations – Active Service

Site Name	Type	Address
Alcova ES	Elementary School	770 Ewing Chapel Road Dacula, GA 30019-2596
Alford ES	Elementary School	2625 Lawrenceville Highway Lawrenceville, GA 30044-4429
Anderson-Livsey ES	Elementary School	4521 Centerville Highway Snellville, GA 30039-6717
Annistown ES	Elementary School	3150 Spain Road Snellville, GA 30039-8501
Arcado ES	Elementary School	5150 Arcado Road SW Lilburn, GA 30047-5110
Archer HS	High School	2255 New Hope Rd. Lawrenceville, GA 30045-6560
Baggett ES	Elementary School	2136 Old Norcross Road Lawrenceville, GA 30044
Beaver Ridge ES	Elementary School	1978 Beaver Ruin Road Norcross, GA 30071-3828
Benefield ES	Elementary School	1221 Old Norcross Road Lawrenceville, GA 30046
Berkeley Lake ES	Elementary School	4300 S. Berkeley Lake Road Duluth, GA 30096-3055
Berkmar HS	High School	405 Pleasant Hill Road Lilburn, GA 30047-2980
Berkmar MS	Middle School	4355 Lawrenceville Highway Lilburn, GA 30047-3420
Bethesda ES	Elementary School	525 Bethesda School Rd. Lawrenceville, GA 30044-3509
Britt ES	Elementary School	2503 Skyland Drive SW Snellville, GA 30078-3341
Brookwood ES	Elementary School	1330 Hollybrook Road Snellville, GA 30078-2216
Brookwood HS	High School	1255 Dogwood Road Snellville, GA 30078-2249
Burnette ES	Elementary School	3221 McGinnis Ferry Road, Suwanee, GA 30024-3631
Cedar Hill ES	Elementary School	3615 Sugarloaf Parkway Lawrenceville, GA 30044-5484
Centerville ES	Elementary School	3115 Centerville Highway Snellville, GA 30039-4940
Central Gwinnett HS	High School	564 West Crogan Street Lawrenceville, GA 30046
Chattahoochee ES	Elementary School	2930 Albion Farm Road Duluth, GA 30097-2131
Chesney ES	Elementary School	3878 Old Norcross Road Duluth, GA 30096-4219
Coleman MS	Middle School	3057 Main Street Duluth, GA 30096

RFP-2102BM WAN SERVICES

Collins Hill HS	High School	50 Taylor Road Suwanee, GA 30024-3695
Cooper ES	Elementary School	555 Ozora Road Loganville, GA 30052-5028
Corley ES	Elementary School	1331 Pleasant Hill Road Lawrenceville, GA 30044-3006
Couch MS	Middle School	1777 Grayson Highway Grayson, GA 30017-1250
Craig ES	Elementary School	1075 Rocky Road Lawrenceville, GA 30044-6209
Creekland MS	Middle School	170 Russell Road NE Lawrenceville, GA 30043-3627
Crews MS	Middle School	1000 Old Snellville Highway Lawrenceville, GA 30044-6222
Dacula ES	Elementary School	2500 Fence Road Dacula, GA 30019-2122
Dacula HS	High School	123 Broad Street Dacula, GA 30019-2139
Dacula MS	Middle School	137 Dacula Road Dacula, GA 30019-2133
Discovery HS	High School	1335 Old Norcross Road Lawrenceville, GA 30046
Duluth HS	High School	3737 Brock Road Duluth, GA 30096-2724
Duluth MS	Middle School	3200 Pleasant Hill Road Duluth, GA 30096-3160
Duncan Creek ES	Elementary School	4500 Braselton Highway (Hwy.124) Hoschton, GA 30548-1623
Dyer ES	Elementary School	1707 Hurricane Shoals Rd Dacula, GA 30019-2014
Ferguson ES	Elementary School	1755 Centerview Drive Duluth, GA 30096-5123
Five Forks MS	Middle School	3250 River Drive Lawrenceville, GA 30044
Fort Daniel ES	Elementary School	1725 Auburn Road Dacula, GA 30019-1131
Freeman's Mill ES	Elementary School	2303 Old Peachtree Road Lawrenceville, GA 30043-2930
GIVE Center East	Special School	723 Hi-Hope Road Lawrenceville, GA 30043
GIVE Center West	Special School	5550 Peachtree Industrial Boulevard Norcross, GA 30071
Graves ES	Elementary School	1700 Graves Road Norcross, GA 30093
Grayson ES	Elementary School	460 Grayson Parkway Grayson, GA 30017-1218
Grayson HS	High School	50 Hope Hollow Road Loganville, GA 30052-7897
Gwin Oaks ES	Elementary School	400 Gwin Oaks Drive Lawrenceville, GA 30044-5109

RFP-2102BM WAN SERVICES

Harbins ES	Elementary School	3550 New Hope Road Dacula, GA 30019-1903
Harmony ES	Elementary School	3946 S. Bogan Road Buford, GA 30519
Harris ES	Elementary School	3123 Claiborne Drive Duluth, GA 30096-3721
Head ES	Elementary School	1801 Hewatt Road Lilburn, GA 30047-2515
Hopkins ES	Elementary School	1315 Dickens Road Lilburn, GA 30047-3519
Hull MS	Middle School	1950 Old Peachtree Road Duluth, GA 30097-3422
Ivy Creek ES	Elementary School	3443 Ridge Road Buford, GA 30519-4030
Jackson ES	Elementary School	1970 Sever Road Lawrenceville, GA 30043-4020
Jenkins ES	Elementary School	12 Village Way Lawrenceville, GA 30046-5061
Jones MS	Middle School	3575 Ridge Road Buford, GA 30519-4032
Kanoheda ES	Elementary School	1025 Herrington Road Lawrenceville, GA 30044-7503
Knight ES	Elementary School	401 North River Road Lilburn, GA 30047-3053
Lanier HS	High School	918 Buford Highway Sugar Hill, GA 30518-4819
Lanier MS	Middle School	6482 Suwanee Dam Road Sugar Hill, GA 30518-5521
Lawrenceville ES	Elementary School	122 Gwinnett Drive Lawrenceville, GA 30046-5626
Level Creek ES	Elementary School	4488 Tench Road Suwanee, GA 30024-1965
Lilburn ES	Elementary School	531 Lilburn School Road NW Lilburn, GA 30047-4920
Lilburn MS	Middle School	4994 Lawrenceville Highway Lilburn, GA 30047-4912
Lovin ES	Elementary School	1705 New Hope Road Lawrenceville, GA 30045-6570
Magill ES	Elementary School	3900 Brushy Fork Road Loganville, GA 30052-5144
Mason ES	Elementary School	3030 Buntan Road Duluth, GA 30096-3609
Maxwell HS of Technology	Special School	990 McElvaney Lane Lawrenceville, GA 30044-2300
McClure Health Science HS	High School	3921 Club Drive Duluth, GA 30096
McConnell MS	Middle School	550 Ozora Road Loganville, GA 30052-5026
McKendree ES	Elementary School	1600 Riverside Parkway Lawrenceville, GA 30043-5915

RFP-2102BM WAN SERVICES

Meadowcreek ES	Elementary School	5025 Georgia Belle Court Norcross, GA 30093-2667
Meadowcreek HS	High School	4455 Steve Reynolds Boulevard Norcross, GA 30093-3323
Mill Creek HS	High School	4400 Braselton Highway (Hwy. 124) Hoschton, GA 30548-1621
Minor ES	Elementary School	4129 Shady Drive Lilburn, GA 30047-2647
Moore MS	Middle School	1221 Lawrenceville Highway Lawrenceville, GA 30046-4711
Mountain Park ES	Elementary School	1500 Pounds Road Lilburn, GA 30047-6708
Mountain View HS	High School	2351 Sunny Hill Rd Lawrenceville, GA 30043-2214
Mulberry ES	Elementary School	442 E. Union Grove Circle Auburn, GA 30011-4694
Nesbit ES	Elementary School	6575 Cherokee Drive Tucker, GA 30084-1618
Norcross ES	Elementary School	150 Hunt Street Norcross, GA 30071-3939
Norcross HS	High School	5300 Spalding Drive Norcross, GA 30092-2605
North Gwinnett HS	High School	20 Level Creek Road Suwanee, GA 30024-1744
North Gwinnett MS	Middle School	170 Peachtree Industrial Boulevard Sugar Hill, GA 30518-6288
Northbrook MS	Middle School	1221 Northbrook Pkwy Suwanee, GA 30024
Norton ES	Elementary School	3050 Xavier Ray Court Snellville, GA 30039-5232
Osborne MS	Middle School	4404 Braselton Highway (Hwy. 124) Hoschton, GA 30548-1621
Parkview HS	High School	998 Cole Drive Lilburn, GA 30047-5422
Parsons ES	Elementary School	1615 Old Peachtree Road Suwanee, GA 30024-2010
Partee ES	Elementary School	4350 Campbell Road Snellville, GA 30039-6922
Patrick ES	Elementary School	2707 Kilgore Road Buford, GA 30519
Paul Duke STEM HS	High School	5850 Peachtree Industrial Blvd Norcross, GA 30071
Peachtree ES	Elementary School	5995 Crooked Creek Road Peachtree Corners, GA 30092-2421
Peachtree Ridge HS	High School	1555 Old Peachtree Road Suwanee, GA 30024-2012
Pharr ES	Elementary School	1500 North Road Snellville, GA 30078-2112
Phoenix HS @ Sugarloaf Mills	High School	5900 Sugarloaf Parkway, Suite 101A Lawrenceville, GA 30043

RFP-2102BM WAN SERVICES

Pinckneyville MS	Middle School	5440 W. Jones Bridge Road Peachtree Corners, GA 30092-2021
Puckett's Mill ES	Elementary School	2442 S. Pucketts Mill Rd. Dacula, Ga. 30019-1059
Radloff MS	Middle School	3939 Shackelford Road Duluth, GA 30096-8270
Richards MS	Middle School	3555 Sugarloaf Parkway Lawrenceville, GA 30044-5403
Riverside ES	Elementary School	5445 Settles Bridge Road Suwanee, GA 30024-4196
Roberts ES	Elementary School	251 Buford Highway Suwanee, GA 30024
Rock Springs ES	Elementary School	888 Rock Springs Road Lawrenceville, GA 30043-2191
Rockbridge ES	Elementary School	6066 Rockbridge School Road Norcross, GA 30093-2019
Rosebud ES	Elementary School	4151 Rosebud Road Loganville, GA 30052-7502
Shiloh ES	Elementary School	2400 Ross Road Snellville, GA 30039-8558
Shiloh HS	High School	4210 Shiloh Road Snellville, GA 30039-6147
Shiloh MS	Middle School	4285 Shiloh Road Snellville, GA 30039-6146
Simonton ES	Elementary School	275 Simonton Road Lawrenceville, GA 30045-6453
Simpson ES	Elementary School	4525 E. Jones Bridge Road Peachtree Corners, GA 30092-1203
Snellville MS	Middle School	3155 Pate Road Snellville, GA 30078-5078
South Gwinnett HS	High School	2288 E. Main Street Snellville, GA 30078-3333
Stripling ES	Elementary School	6155 Atlantic Boulevard Norcross, GA 30071-1306
Sugar Hill ES	Elementary School	939 Level Creek Road Sugar Hill, GA 30518-4637
Summerour MS	Middle School	321 Price Place Norcross, GA 30071
Suwanee ES	Elementary School	3875 Smithtown Road Suwanee, GA 30024-2417
Sweetwater MS	Middle School	3500 Cruse Road Lawrenceville, GA 30044-3126
Sycamore ES	Elementary School	5695 Sycamore Road Sugar Hill, GA 30518-2351
Taylor ES	Elementary School	600 Taylor School Drive Lawrenceville, GA 30043-1509
Trickum MS	Middle School	130 Killian Hill Road Lilburn, GA 30047-3905
Trip ES	Elementary School	841 Cooper Road Grayson, GA 30017-1516

RFP-2102BM WAN SERVICES

Walnut Grove ES	Elementary School	75 Taylor Road Suwanee, GA 30024-3696
Winn Holt ES	Elementary School	588 Old Snellville Highway Lawrenceville, GA 30046-9318
Woodward Mill ES	Elementary School	2020 Buford Drive Lawrenceville, GA 30043-2600

School Locations with Service Via Other Schools

Name	Type	Address
Baldwin ES	Elementary School	123 Price Place Norcross, GA 30071
Bay Creek MS	Middle School	821 Cooper Road Grayson, GA 30017-1516
Buice Center	Special School	1225 Northbrook Parkway Suwanee, GA 30024
Camp Creek ES	Elementary School	958 Cole Drive Lilburn, GA 30047-5422
Grace Snell MS	Middle School	3800 Brushy Fork Road Loganville, GA 30052-5401
Gwinnett Online Campus	Special School	713 High Hope Road Lawrenceville, GA 30043
Gwinnett School of Mathematics, Science, and Technology (GSMST)	High School	970 McElvaney Lane Lawrenceville, GA 30044-2300
Jordan MS	Middle School	8 Village Way Lawrenceville, GA 30046-4711
Oakland Meadow School	Special School	590 Old Snellville Hwy Lawrenceville, GA 30046
Phoenix HS	High School	501 West Pike Street Lawrenceville, GA 30046-4301
Starling ES	Elementary School	1725 Grayson Highway Grayson, Georgia 30017-1250
Twin Rivers MS	Middle School	2300 Braselton Highway Buford, GA 30519-5209
White Oak ES	Elementary School	6442 Suwanee Dam Road Sugar Hill, GA 30518-5521

Administrative Locations - Active Service

Name	Type	Address
Service Center	Administrative	610 West Crogan Street, Lawrenceville
Alford Transportation	Administrative	2575 Hwy. 29, S Lawrenceville
Arcado Road Transportation	Administrative	49 Arcado Road, Lilburn
Couch Transportation	Administrative	1924 Bennett Road, Grayson
Hamilton Mill DMS	Administrative	2270 East Rock Quarry Road, Buford
Norcross DMS	Administrative	423 Summerour Rd, Norcross
Suwanee DMS	Administrative	670 Buford Hwy, Suwanee
Norcross Fleet Maintenance	Administrative	4180 Blue Ridge Industrial Parkway, Norcross

RFP-2102BM WAN SERVICES

North Gwinnett Transportation	Administrative	29 Level Creek Road, Suwanee
-------------------------------	----------------	------------------------------

Future Build Sites

Name	Type	Address
Seckinger STEM HS	High School	621 Sardis Church Road Buford, GA