

REQUEST FOR BID PROPOSAL

Bear Creek Middle School

Enterprise Grade Cell Booster

The Barrow County School System
Information Technology Services
179 W. Athens Street
Winder, Georgia 30680
ITSBids@barrow.k12.ga.us

REQUEST FOR PROPOSAL (RFP) FOR CELL BOOSTER

To: All Interested Vendors

You are invited to submit a formal proposal (bid) for installing an enterprise grade cell booster system at Bear Creek Middle School (BCMS), 228 Jefferson St., Statham, GA 30666, in accordance with the attached General Conditions and Specifications.

All questions should be emailed no later than Tuesday, April 2nd, to ITSBids@barrow.k12.ga.us. Any modifications to the RFP based on questions and answers regarding this offering will be posted as addendums to the RFP, and made available on the web site at <https://www.barrow.k12.ga.us/bids.html>. **Vendors are responsible for checking the web site for amendments to the RFP. Vendors should check for RFP updates prior to submitting final proposal.**

Proposals from bidders will be received by Barrow County Schools via email until 10:00 AM local time, on Tuesday, April 16th, 2024. Proposals must be sent to ITSBids@barrow.k12.ga.us and should include the words "BCMS CELL BOOSTER" in the subject.

Emailed proposals will only be deemed accepted for consideration upon delivery of a confirmation email from jstclair@barrow.k12.ga.us to vendor's email indicating receipt of proposal. If vendor does not receive confirmation of receipt of proposal via email, vendor should consider proposal not to have been delivered.

Barrow County reserves right to postpone bid opening to later the same day beyond original due date/time in event of notification of delayed bid delivery. Once time has been called and the first proposal has been opened, any proposals received thereafter will be returned unopened. Proposals must be valid for a period of ninety (90) days after the date of receipt of bid. Barrow County Schools reserves the right to reject any and all bids or to waive any informality in bidding.

PROPOSAL FORM TO PROVIDE BCMS CELL PHONE BOOSTER SYSTEM

This form must be the first page of your proposal

Having carefully examined the RFP materials as well as the actual site, and assessing the conditions affecting the work, the undersigned proposes to provide the required materials, labor, and services specified in the attached proposal for the total sum of

_____ Dollars (\$_____)

Name of Firm

Address of Firm

Representative Name and Title

Email address

sam.gov CAGE code

Estimated time to start after receipt of award, including acquisition of materials

Signature

Telephone Number

General District Vendor Requirements

- Vendor must provide for the removal and reinstallation of all ceiling tiles required for the installation of all above ceiling work. Any tiles damaged by vendor's representatives will be replaced at the vendor's own expense prior to project completion.
- The Vendor and its representatives shall follow all applicable Barrow County School System policies and regulations while on school district property, including the no smoking, no weapons, and drug-free policies. No work shall interfere with school or system activities or environment unless permission is given by the Principal of the school or the Network Telecommunications Manager.
- Vendor agrees to hold the Barrow County School System harmless and to indemnify the Barrow County School System from every expense, liability or payment arising out of or through injury (including death) to any person or persons or damage to property (regardless of who the owner may be of the property) of any place in which work is located arising out of or suffered through any act or omission of Vendor or subcontractor.
- Complete specification details or "cut-sheets," or direct specific links to online copies of same (preferred), for all products proposed must be provided as part of the proposal package.
- The Vendor, in undertaking the work under this contract, is assumed to have visited the premises and carefully inspected the drawings/heat-maps, and to have taken into consideration all conditions which might affect the work. No consideration will be given to any claims based on lack of knowledge of existing conditions.
- Payment will be made only after inspection and approval by the director of technology or his designee. Such approval will be given only after all debris, equipment, materials, etc., are removed from the property, all cleaning completed, any damage repaired, and test results are delivered and approved. Only a single payment is guaranteed to be made to the vendor when all aspects of the contract have been completed to the Owner's satisfaction.

Insurance

Within seven days after notification of award, Vendor shall furnish to Owner a Certificate of Insurance showing compliance with the following limitations.

The Vendor agrees to comply with the provisions of Worker's Compensation laws of the State of Georgia.

It shall be stated on every policy or certificate of insurance, as the case may be, that "The insurance company agrees that Policy No. _____ shall not be canceled, changed, or allowed to lapse until ten (10) days after the Barrow County School System has received written notice as evidence by return receipt of registered letter, and it is agreed further that as to lapsing, such notice will not be valid if mailed more than fifteen (15) days prior to the expiration date shown on this policy".

The Vendor further shall maintain such other insurance (with limits as shown below) as shall protect the Vendor and Owner from any claims for property damage or personal injury, including death, which may arise out of operations under this contract, and the Vendor shall furnish the Owner certificates and policies of such insurance as shown below.

Below is listed the insurance coverage that must be procured by the Vendor at his own expense. The Vendor agrees to follow instructions indicated in each case:

A. Owner’s Protective Liability Insurance

Protective injury, including death - limits of \$250,000.00 for each person and \$500,000.00 for each accident.

B. Vendor’s Public Liability Insurance

Personal injury, including death - limits of \$250,000.00 for each person and \$500,000.00 for each accident.

Property Damage - limits of \$50,000.00 for each accident and \$100,000.00 for the aggregate.

Disposition: Certificate of Insurance of both of above must be sent to Owner prior to commencement of work.

No insurance will be acceptable unless written by a company licensed by the State Insurance Department to do business in Georgia.

C. Workers Compensation (WC) coverage:

Statutory Limits – required in all contracts

Bodily injury by Accident – each employee \$100,000

Bodily injury by Disease – each employee \$100,000

Bodily injury by Disease – policy limit \$500,000

Project Scope

District seeks an enterprise grade solution to boost reception of cellular signal for main carriers (Verizon, T-Mobile, AT&T) inside district buildings.

District anticipates solution will encompass exterior roof mounted antenna(s), internal bi-directional amplifiers, and internal distributed antenna systems using interior omni-directional broadcast antennas, all connected via hardwired cabling (ethernet, coax, or other). Cellular signal from cell towers will be picked up by exterior antenna, routed to bi-directional amplifiers, and from there routed to internal antennas, providing cell signal in all designated areas inside the building, sufficient to support reliable voice phone calls and texting.

It is understood that any building cell phone booster system is only able to boost available signal coming from cell towers outside the building, and quality of signal inside the building will depend on the signal available outside the building.

Proposed solution must include all components, materials, installation, commissioning, optimization, and training required for successful project completion.

Chosen location, Bear Creek Middle School, is a pilot to determine costs, feasibility, and functionality to determine if systems will be installed in all district buildings district-wide.

General Project Conditions

- VENDOR MUST EMAIL ITSBIDS@BARROW.K12.GA.US TO REQUEST HEAT MAPS OF SCHOOL BE SENT.
- Heat maps indicate areas to be covered. Vendor must confirm in writing vendor’s proposal matches meat map coverage, or vendor must provide alternative heat-map showing areas covered under

vendor's proposal.

- Any internal cabling must be plenum rated regardless of if plenum space or not. Any internal cabling must be supported by J-hook or other cabling support (may not be draped across building infrastructure). Any internal cabling **may not use** district's existing data network cable distribution (cable tray) or wall penetrations, but may use other existing cable support systems in place. Installation must meet all applicable ANSI/TIA/EIA/BICSI standards.
- Vendor is responsible for any new wall or floor penetrations required for implementation of vendor proposal, including repair/sealing of penetrations. Fire walls must be fire sealed using materials that meet all applicable building codes. Any wall penetrations must be sleeved with bushings on sleeves.
- Solution must include adequate sealant of any exterior penetrations for weather/moisture considerations.
- Vendor must describe any electrical surge/lightning protection included in proposal, or must specify if such protection is not included.
- Vendor should describe included warranties, and available continuing warranties/service-plans.
- Vendor must provide references and proof of similar successful installations vendor has performed in at least 3 other locations of a size similar or larger than Bear Creek Middle School.
- List of components, manufacturer, and quantities below are indicative of the preferred solution and are not inclusive of all materials required (such as cabling, connectors, housings, lightning protectors, splitters/taps, miscellaneous materials, etc.). Alternative components/manufacturers of similar quality and functionality may be proposed by vendor. If proposing alternatives, vendor must provide literature and description of how/why proposed alternative meets or exceeds quality and capability of listed components.
- All relevant components must be FCC approved (bi-directional amplifiers, exterior roof mounted antennas, internal distributed antenna system, etc.)
- Vendor proposal must explicitly line-item list all components and materials proposed, with manufacturer, model numbers, quantities, and line item pricing. Labor hours and rate should be included as a line item. Any and all other cost-items must also be listed with line item pricing, such as equipment rental, travel, etc.

Core Components

QUATRA 4000C & Bolton based solution



(1) Nextivity Cel-Fi Quatra 4000c - Network Unit



(6) Nextivity Cel-Fi Quatra 4000c - Coverage Units



(3) Bolton Technical LPDA Antennas (50ohm)



(36) Bolton Technical Low Profile Domes (50ohm)



(2) Bolton Technical Panels (50ohm)