



# *Hancock County Board of Education*

**"Barking our Way to New Beginnings...Lifelong!  
Bulldog STRONG!"**

*Ms. Miranda Wilson, Superintendent*

*10571 Highway 15 N Post Office Box 488 Sparta, Georgia 31087*

*Phone: (706) 444-5775 Fax: (706) 444-7026  
www.hancock.k12.ga.us*

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## **Request for Proposal for Enterprise - Grade Wireless Network System**

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## **Network Cabling Project**

**RFP # 2021-13-02**

## **Statement of Purpose**

This Request for Proposal (RFP) documents the Hancock County School District requirements for an enterprise-grade wireless network system and network cabling with complete installation and support.

Bidders have the option to submit a proposal for both the wireless network system and the network cabling project or just one. Proposals for should be quoted separately.

The acceptance of a proposal does not obligate the Hancock County School District to purchase a system from any vendor. The Hancock County School District reserves the right to reject all proposals and not make a decision.

All costs for proposal preparation are the responsibility of the bidder. After receipt of the proposal, and prior to signing the contract, The Hancock County School District reserves the right to modify the system requirements by adding or deleting specific equipment or optional features.

If awarded, the bidder must provide products, services and complete installation in accords to the expectation of the District prior to seeking payment for any portion of the project.

Preference will be given to the vendor that provides a comprehensive, cost-effective solution for current specifications, future capacity requirements, and ongoing service and support.

## **Bid Request for Enterprise-grade 802.11ax Wireless Network System**

**\*\*\* Proposal must support 10 G Fiber Network \*\*\***

- **Ruckus SmartZone 100 - Network Management / Controller Device** (or equivalent product) capable of managing a minimum of 500 access points
  - Ruckus WatchDog Premium Support - Extended Service Agreement (or equivalent product)
  - Any Network Electronics necessary for the Network Controller
  - Ruckus Access Point Management Licenses
- **Ruckus Dual Band 802.11ax Wall / Ceiling mountable Access Point** (or equivalent product)
  - Qty. of Ruckus Dual Band 802.11ax AP's - **111**
  - Any Accessories necessary for mounting AP's
- **Ruckus ICX7150-48PF-4X10GR-RMT3**, 48-Port 10/100/1000 PoE+ ports, 2x 1G RJ45 uplink-ports, 4x 10G SFP+ uplink-ports, 740W PoE budget, L3 features (OSPF, VRRP, PIM, PBR), 3 year remote support (or equivalent product)
  - Qty. of Ruckus ICX 7150 (48 Port) Switch - **10**
  - Any Accessories necessary for switches, e.g. Transceivers, CAT 6 jumpers

**Vendor may propose changes or upgrades if determined to be necessary to meet the requirements of the overall expectations of the project.**

## **Bid Request for Network Cabling**

**CAT 6A Cabling Drops** - Quantity of **111** with an average length of 156 ft, some cable runs will be as short as 35 ft, and as long as 290 ft. Cables shall be installed in accordance with ANSI/TIA/EIA 568C.1 and TIA-569-C standards. Proposal should include:

- Keystone Patch Panel for 10 IDF locations
- Keystone Jacks for cabling terminated at the IDF locations
- RJ45 connectors terminated at the access point location
- Each jack location must be labeled at the IDF locations
- Each data outlet and cable shall be tested and certified for permanent link compliance with TIA Category 6.

**Vendor may propose changes or upgrades if determined to be necessary to meet the requirements of the overall expectations of the project.**

## **Expectations of Project**

**Wireless Coverage** - The objective of this project is to improve the wireless density to better meet the needs of our students, faculty, and staff. The wireless vendor must provide a wireless solution that provides coverage & density to all classrooms, labs, and other instructional areas in all proposed buildings.

- The wireless solution must be able to accommodate:
  - A minimum of 45 devices per classroom or instructional spaces
  - A minimum of 250 devices in cafeterias, media centers, and gyms.

**Student / Staff / Guest Portal** – The proposed solution should provide the means to authenticate users for wireless access with Active Directory, Google Classroom or temporary access for guest.

**Integration with Current Network Environment** – All proposed solutions must work in conjunction with the following network electronics: SonicWall Firewall, iBoss Content Web Filter, HP / Aruba 3810M Fiber Switch, HP / Aruba 2930 Switches.

**Ongoing Maintenance and Support** – The vendor must include maintenance and tech support for a period of 1 year. The vendor should also provide a quote for continued annual renewal support.

**System Licenses** – If the proposed solution requires the renewal or purchases of annual licenses, these fees must be listed on the vendors bid.

## **Installation Schedule**

With school being in session, it may be necessary for some portions of the installation be completed after 3:00 PM. Campus access accommodations will be made for after-hours work.

Communications

A call can be scheduled to answer any questions or provide additional details regarding this project by emailing:

**Ernest Warren, Technology Director**

[ewarren@hancock.k12.ga.us](mailto:ewarren@hancock.k12.ga.us)

(706) 444-5575 ext. 165

**Deadline for Submissions**

**All proposals must be submitted by email to:**

**[ewarren@hancock.k12.ga.us](mailto:ewarren@hancock.k12.ga.us)**

**By**

**Friday, February 19, 2021**

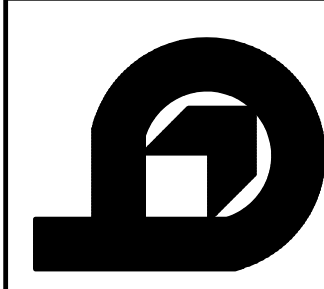
**12:00 PM**



1  
E2.2 HANCOCK CENTRAL MIDDLE -HIGH SCHOOL  
SCALE: 1"=20'-0"

WARNING: Contractors, subcontractors, vendors and suppliers are advised that the contract documents consist of all drawings, specifications, and addenda. It is the responsibility of the contractor to obtain and review all contract documents prior to construction. The contractor shall be responsible for obtaining and reviewing all contract documents and for ensuring that the construction is in accordance with the contract documents. The contractor shall be responsible for obtaining and reviewing all contract documents and for ensuring that the construction is in accordance with the contract documents.

ISSUED FOR: REVIEW	
JEF	DRAWN BY
MAP	CHECKED BY
MAP	APPROVED BY
04/26/18	PROJECT DATE
XXXXXX	PROJECT NUMBER
SHEET NUMBER: E2.2	
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1 CCTV SYSTEM PLAN - HANCOCK COUNTY LEWIS ELEMENTARY SCHOOL  
E2.1 SCALE: 1/16"=1'-0"

2 CCTV SYSTEMS PLAN - LEWIS ELEMENTARY  
MAINTENANCE BUILDING  
E2.1 SCALE: 1/16"=1'-0"

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REVIEW

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APPROVED BY  
04/26/18  
PROJECT DATE  
XXXXXX  
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SHEET  
NUMBER:  
E2.1

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WARNING: Contractors, subcontractors, vendors and suppliers are advised that the contents of this drawing are the property of the firm and are not to be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of the firm. The firm shall not be responsible for verification of information utilized in bidding, development of shop drawings, and construction of the facility are identical to the contents of this drawing.

CCTV SYSTEM PLAN - HANCOCK  
COUNTY ELEMENTARY SCHOOL

HANCOCK  
HANCOCK ELEMENTARY SCHOOL  
HANCOCK COUNTY BOARD OF EDUCATION  
FACILITY CODE: 000-0000  
JAMES W. BUCKLEY & ASSOCIATES INC. -- ARCHITECTS  
SWANSBORO, ALBANY, ROME, SAVANNAH AND ATLANTA  
GEORGIA

