

Site Name: Chatham Central High School
Site Address: 14950 NC 902
Site City: Bear Creek
Site State: NC
Site Zip: 27207

Purchasing Company: Chatham County
Purchasing Contact: Mike Reitz

Date: 6/5/2024
Version: 1.1
CRM: 19729701155
MSS Sales Rep: Mark Perretti
MSS Sales Phone:
MSS Sales Email: markperretti@callmc.com

Purch. Contact Email:
Purch. Contact Phone:

Description of Work

MCA is pleased to present a budgetary turnkey quote for an Emergency Responder Radio Communication Systems (ERRCS) to enhance NC VIPER's Chatham Simulcast for Chatham Central High School.

General Terms

Type of Quote: Budgetary

Quote Validity: Quotation valid for 90 days from Quotation Date if Firm Fixed; Budgetary Quotes need to be finalized before PO.

Tax Terms: If sales tax is not included in the Tax field, applicable state and local sales tax will be added at time of invoicing. If sales tax is included in the Tax field, it is subject to change according to current sales tax laws at the time of invoicing. Tax exempt or reseller certificates will need to be provided for tax exempt status.

Shipping Terms: Prepay and Add – Standard FedEx Service

Freight On Board: Morrisville, NC

Labor Warranty: 12 months from date of completion

Equipment Warranty: OEM Passthrough

Cancellation: Cancelled PO's are subject to 10% equipment restocking fee and any unreturnable equipment due will be invoiced at full cost.

Payment Terms: See attached Terms & Conditions Document: [NC State Contract 725G](#)

Financial Proposal	Item	Description	Price
	1	Equipment Subtotal	\$ 31,093.80
	2	Installation Subtotal	\$ 34,726.90
	3	Project Management Subtotal	\$ 4,160.45
	4	Engineering Services Subtotal	\$ 3,838.72
	5	Freight	\$ 1,220.61
	6	Permitting	\$ 1,871.17
	7	Bid Bond	\$ -
	8	Performance Bond	\$ -
	9	M&M Subtotal	\$ -
	10	BM Subtotal	\$ -
	11	Total Before Tax	\$ 76,911.65
	12	Tax	
	13	Total After Tax	

Assumptions & Limitations

General

The quotation is based on the scope of work and drawings provided by the Customer.

The customer will coordinate implementation approval from the Facility Owner.

As-builts and submittal package including benchmark results will be provided to owner at completion of project.

System frequencies & technologies are limited to those specified by the equipment manufacturer.

Public Safety

For VHF, UHF, 700 MHz, 800 MHz quotes, the customer is responsible for verifying the frequencies required, channels required, and system design with the AHJ.

Facility Owner is responsible for all cabling & conduit between DAS and Fire Alarm Panel, the cost of which is excluded from this quote.

All indoor coax & fiber installed in plenum space is plenum rated. No coaxial or fiber cable in this quotation is rated for burn survivability nor installed in conduit. For burn survivability and conduit, please request a re-quote.

Fire Alarm interface installation and programming provided by others and is not included in this quote.

The Fire Alarm Panel Interface Relay contacts are to be Normally Open.

The Fire Alarm Panel Interface Relays must support 6 alarm inputs.

Venue is responsible to have Fire Alarm Control Panel Relay delivered to within 3' of the PS Repeater and BBU.

Venue shall have Fire Alarm Contractor Program Relay Definitions into Control Panel.

BDA equipment has alarm contacts that comply with IFC section 510- Any additional contacts will result in a change order

Design assumes -95dBm RSSI over 95% of the coverage area.

Design assumes -95 dBm RSSI with 99% reliability for critical areas as defined by local NFPA/IFC requirements.

Design Assumes a grid test consisting of 20 measurements per floor will be acceptable for final inspection results per NFPA requirements.

Remote Monitoring of Alarms by MCA is not included in quote.

As-builts and submittal package including benchmark results will be provided to owner at completion of project

Roof-top Donor signal control channel is at least -75 dBm at the donor antenna.

This proposal assumes the donor signal is consistent and does not fluctuate more than 6 dB (+/- 3 dB), as measured outside of the building.

MCA cannot be held responsible for failing amplifiers at the tower providing inconsistent donor signals. The proposal assumes steady/consistent output power from the donor tower.

Sidewall Mounting of the Donor Antenna is allowed by the building owner and will not require stealthing.

Roof Penetration and weather sealing is to be provided by the venue and is not included in this quote.

Customer will provide a suitable Fire-Rated room if required by code.

Implementation

Union labor is not included in this quote.

Asbestos abatement is not included in this quote. Customer must disclose the presence of any known asbestos.
The facility has built-in ladders/stairs for accessing the roof and pulley/mechanical lift will be provided to place materials on roof.
Elevator Service is assumed to be available for movement of materials and personell.
Roof penetrations for donor lines are either existing and accessible or will be provided by the venue.
Antennas on Roof or Side of building do not require Steatthing.

All proposed cable paths are accessible via drop ceiling tiles, crawl space, or access panels. J-hooks or existing cable tray will be used to support coaxial cable above ceiling.
Conduit, cable tray, and raceway are not included with this quote.
Riser Space between floors is available. Coring between floors is excluded from this quote.
Adequate space for the equipment exists and is authorized for use within existing Telecom closets.
Ladders in excess of 10' are not required.
Adequate Electrical Service and Grounding is available within 6' of the active equipment locations.
If multiple buildings are to be served, this quote assumes that Customer has existing conduit pathways between buildings and that they have space and are servicable.
Any damage after installation caused by other trades will result in a change order.
Installation services will be conducted during normal business hours (8 am to 5 pm, Monday through Friday).
Patching and painting not included in quote- assumes access panels will be available for access to ceiling.
Phasing is not included in quotation. Quote assumes work will be completed in one deployment. Any additional phasing requirements/trips will result in a change order.

Scope of Work

MCA is pleased to present a budgetary turnkey quote for an Emergency Responder Radio Communication Systems (ERRCS) to enhance NC VIPER's Chatham Simulcast for Chatham Central High School in Bear Creek, NC. This covers the ground floor - approx. 137,327 sq. ft total. This design has level 0 survivability and adheres to 2022 NFPA 1225 - this is subject to AHJ approval.