



1211 WEST SHARON ROAD, CINCINNATI, OHIO 45240 513-595-5800

PROPOSAL FOR: Newport Independent Schools

ADDRESS:

CITY, STATE, ZIP: Newport , Kentucky 41071

SYSTEM #:

SALES TAX:

DATE: 7/15/2022

EXPIRES: 30 Days

REV: 3 - Preliminary/Budgetary

ATTENTION: Dennis Maines - Director of Facilities & Transportation

E-MAIL: dennis.maines@newport.kyschools.us

TELEPHONE: (859) 292-3001

SALES REP: Jason Kinnemeyer

TELEPHONE: 513-595-5848

E-MAIL: jkinnemeyer@mobilcomm.com

QUOTE #:

PREPARED BY: Andrew Burns

TELEPHONE: 513-595-5827

E-MAIL: aburns@mobilcomm.com

DESCRIPTION: IP Network Linked Digital Radio Repeater System

This is a budgetary pricing for discussion only. Site survey of each location is necessary to accurately design and quote deployment of this system.

Customer responsible for IP network linking repeaters together.

Please refer to the attached initial Scope-of-Work/Requirements.

Documents Included:

Scope of Work

Terms & Conditions

| | |
|---|--------------------|
| 50 % Payable to Mobilcomm upon receipt of Order | \$18,920.60 |
| 30 % Payable to Mobilcomm upon receipt of Equipment | \$11,352.36 |
| 20 % Payable to Mobilcomm upon Completion | \$7,568.24 |
| Sales Tax is Not Included: | |
| Total Payable to Mobilcomm: | \$37,841.20 |

ACCEPTED BY: _____

PO #: _____

PRINT NAME: _____

DATE: _____

| ITEM | QTY | DESCRIPTION | SUBTOTAL | MA |
|----------|-----|---|------------------|----|
| A | | FCC License Modification - WQWT203 | 1,115.00 | |
| 1 | 1 | Mobilcomm Processing | | |
| 2 | 3 | Frequency Coordination - Repeater Sites | | |
| 3 | 1 | Frequency Coordination - Simplex | | |
| 4 | | FCC License Fee (EXEMPT) | | |
| B | | Motorola IP Site Connect Repeater System - 3 Site | 33,651.55 | |
| | | <i>MOTOTRBO repeaters allows two separate simultaneous channels by using digital TDMA multiplexing. The two channels are called "time-slots."</i> | | |
| | | Repeater Locations: | | |
| | | <i>1. Newport High School - 900 East Sixth Street</i> | | |
| | | <i>2. Newport Intermediate School - 95 West 9th Street</i> | | |
| | | <i>3. Newport Primary School - 1102 York Street</i> | | |
| 1 | 3 | Motorola SLR5700, UHF, 1-50W | | |
| 2 | 3 | Battery Backup Cable | | |
| 3 | 3 | Backup Battery, 12VDC, 55AH | | |
| 4 | 3 | TrippLite Vertical Wall Mount Rack Enclosure, 36"H | | |
| 5 | 3 | Battery Wall Bracket (to be mounted inside TrippLite cabinet) | | |
| 6 | 1 | Elevator Bolts, 3/8"-16 x 1" (for battery bracket) | | |
| 7 | 3 | Duplexer, Pass/Reject, UHF | | |
| 8 | 3 | 1/4" Superflex Assembly - 36" N-male RA to Bulkhead N-female | | |
| 9 | 3 | Coaxial Jumper - 24" N-male to BNC-male | | |
| 10 | 3 | Coaxial Jumper - 24" N-male to N-male | | |
| 11 | 1 | TrippLite AC Surge Suppressor, Direct Plug-In | | |
| 12 | 3 | TrippLite Power Strip with 15ft. Cord | | |
| 13 | 3 | Network Patch Cable | | |
| 14 | 1 | Antenna, 450-470MHz., Unity Gain | | |
| 15 | 1 | Antenna Mounting Clamp Set | | |
| 16 | 30 | Mast Pipe, 1" Rigid Conduit | | |
| 17 | 3 | Pipe to Pipe Clamp Set | | |
| 18 | 3 | Non-Penetrating Roof Mount w/5ft mast | | |
| 19 | 3 | Rubber Mat Kit | | |
| 20 | 24 | Concrete Block | | |
| 21 | 9 | PVC Conduit, 2" x 10ft., Gray | | |
| 22 | 3 | PVC Conduit Clamp, 2" | | |
| 23 | 30 | Roof Pipe Support "Sleeper" | | |
| 24 | 150 | 1/2" HELIAX | | |
| 25 | 6 | Connector, LDF4, N-male | | |
| 26 | 3 | Coaxial cable line ground - 3/8" Cable | | |
| 27 | 3 | Lightning Surge Arrestor | | |
| 28 | 100 | Wire - 6 Ga. - Str. - Green | | |
| 29 | 300 | 1/2" Plenum Air HELIAX Cable | | |
| 30 | 6 | Connector, LMR400, N-male | | |
| 31 | 3 | Ground Clamp - >1.25" Pipe | | |
| 32 | 3 | Grounding and Cable Management | | |
| 33 | | Repeater Equipment Staging (Programming, Tuning, Bench Test) | | |
| 34 | | Installation | | |

| ITEM | QTY | DESCRIPTION | SUBTOTAL | MA |
|----------------------------|-----|---|-----------------|----|
| C | | Portable Radio - Commercial Tier | 498.39 | |
| | | <i>Recommended for personnel that do not travel outside the local repeater.</i> | | |
| | | <i>Examples: Teachers and local office staff.</i> | | |
| | | <i>OLED channel number display without roaming. Local channel only.</i> | | |
| 1 | 1 | Motorola SL300 Portable "Slim-Line", 403-470MHz., 3W | | |
| 2 | 1 | Standard Battery, Li-Ion, 2200mAh | | |
| 3 | 1 | Drop-In Charger | | |
| 4 | 1 | UHF Stubby Antenna, 435-470MHz. | | |
| 5 | 1 | Omit Swivel Carry Case | | |
| 6 | 1 | Belt Clip (Heavy Duty) | | |
| 7 | 1 | Spare Battery | | |
| 8 | 1 | 2 Year Warrenty - Included | | |
| | | | | |
| D | | Portable Radio - Professional Tier | 971.46 | |
| | | <i>Recommended for personnel that travels throughout the radio system.</i> | | |
| | | <i>Examples: Administrators, Principals, Maintenance Staff</i> | | |
| | | <i>OLED channel name display & automatic roaming between repeaters.</i> | | |
| 1 | 1 | Motorola SL3550e Portable "Slim-Line", 403-470MHz., 3W | | |
| 2 | 1 | MOTOTRBO IP Site Connect License "Automatic Roaming" | | |
| 3 | 1 | MOTOTRBO Transmit Interrupt Licence | | |
| 4 | 1 | Standard Battery, Li-Ion, 2200mAh | | |
| 5 | 1 | Drop-In Charger | | |
| 6 | 1 | UHF Stubby Antenna, 435-470MHz. | | |
| 7 | 1 | Omit Swivel Carry Case | | |
| 8 | 1 | Belt Clip (Heavy Duty) | | |
| 9 | 1 | Spare Battery | | |
| 10 | 1 | 5 Year SMA & Software Features | | |
| 11 | 1 | 5 Year Essential Repair | | |
| | | | | |
| E | | Portable Radio - Professional Tier <i>"Motorola's new R7 Model"</i> | 1,604.80 | |
| | | <i>Recommended for personnel that do not travel outside the local repeater.</i> | | |
| | | <i>Examples: Teachers and local office staff.</i> | | |
| | | <i>OLED channel number display without roaming. Local channel only.</i> | | |
| 1 | 1 | Motorola R7 Portable, 403-512MHz., 4W | | |
| 2 | 1 | Standard Battery, IMPRES Li-Ion, 2200T, IP68 (PMNN4809) | | |
| 3 | 1 | IMPRES Drop-In Charger | | |
| 4 | 1 | UHF Short Stubby Antenna, 6mm, 435-470MHz. | | |
| 5 | 1 | 5 Year SMA & Software Features | | |
| 6 | 1 | 5 Year Essential Repair - (Included) | | |
| | | | | |
| | | | | |
| SHIPPING: | | | | |
| SALES TAX IS NOT INCLUDED: | | | | |
| PROJECT TOTAL: | | | \$37,841.20 | |

| | |
|-----------------------------|--|
| SCOPE of WORK for: | Newport Independent Schools |
| Description of Work: | IP Network Linked Digital Radio Repeater System |
| Proposal By: | Andrew Burns |

| Work Description | Details - Please contact Andrew Burns for questions or clarification of this document | Mobilcomm | Customer | Other |
|--|--|-----------|----------|-------|
| FCC License | Mobilcomm to coordinate and process FCC applications on behalf of the customer. License is good for 10 years. Renewal notifications will be mailed directly from FCC to the customer named on the license. Mobilcomm does not receive these notifications. Customer is responsible to maintain their license including any future renewals. | X | X | |
| Electric | Customer is responsible for 110VAC 5-15R electric receptacle electric with 10 ft. of repeater equipment, preferably next to the repeater cabinet at a serviceable height that does not require a ladder or lift equipment. Mobilcomm recommends this outlet be sourced with a dedicated and clearly labeled circuit breaker. | | X | |
| Network | Customer is responsible for IP Ethernet Network including design, configuration, physical implementation equipment and all associated maintenance and repair. | | X | |
| | Network drops in the form of RJ45 network interfaces to be installed and tested by customer within 4 ft. of the preapproved repeater locations prior to Mobilcomm's installation. | | | |
| | Customer to provide Mobilcomm IP information including host, subnet, gateway, NTP addressing to allow programming of the equipment prior to it's installation onsite. | | | |
| | Mobilcomm to assist customer with network requirements to allow for proper radio system operation. | | | |
| Repeater Locations and Coaxial Cable Runs | 1. High School - 900 East Sixth Street, Newport, Kentucky 41071 (859) 292-3023 Specific equipment location and cable runs need to be determined prior to order. | | | |
| | 2. Intermediate School - 95 West 9th Street, Newport, Kentucky (859) 292-3021 Specific equipment location and cable runs need to be determined prior to order. | | | |
| | 3. Primary School - 1102 York Street, Newport, Kentucky (859) 292-3011 Specific equipment location and cable runs need to be determined prior to order. | | | |
| Antennas | All three locations to be rooftop UHF unity gain omnidirectional antennas. | | | |
| | Coaxial cable to receive line grounds outside. Polyphaser surge arrestor to be located inside where coaxial cable enters the building. Grounding to be attached to building steel with AWG6 copper stranded wire. | | | |
| Channels | Each MotoTrbo repeater supports two separate simultaneous digitally multiplexed channels. This is often explained as two "talk-paths" or "channels." The term "Talkgroup" identifies each individual channel listed in the portable/mobile radio. Two individual Talkgroups may be used on one of the repeater's two talk-paths, but only one may be in use at any one time. | | | |
| | Portable Radio Channels: | | | |
| | 1. Wide Area - "this is a common channel with it's traffic shared and accessible at all 3 locations." | | | |
| | 2. Local School - "this is a local repeater channel specific to each individual location." | | | |
| | 3. Local Simplex - "this is a direct portable-to-portable channel used for backup or as a extra channel that does not require repeater coverage. Each school to be assigned a separate simplex frequency. | | | |
| | Customer already has five simplex frequencies licensed under WQWT203. | | | |
| | 4. Announcement - This channel programmed into supervisor radios only. This channel to be a separate TalkGroup to be transported on the Wide Area repeater channel to all five locations. | | | |
| | All radios to be programmed to automatically scan the Announcement Talkgroup on the Wide Area Channel. | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| | |
|--------------------------------|--|
| TERMS / CONDITIONS for: | Newport Independent Schools |
| Description of Work: | IP Network Linked Digital Radio Repeater System |
| Proposal By: | Andrew Burns |

| Item Description | Details - Please contact Andrew Burns for questions or clarification of this document | Mobilcomm | Customer | Other |
|--------------------------------|--|-----------|----------|-------|
| Owner Responsibilities | Costs associated with any of the following are excluded unless specifically listed in the proposal | | | |
| | Cost of any required permits for zoning and/or building will be the owner(s) responsibility | | X | |
| | Access to building is available to Mobilcomm personnel | | X | |
| | If building or tower space is leased, permission to use the property has been obtained | | X | |
| | Leased tower space may require load analysis and additional fees imposed by the tower owner | | X | |
| | Electric service is available where needed or will be provided by the owner(s) | | X | |
| | IP network requirements, if needed, are understood and agreed to by the owner's IT personnel | | X | |
| | HEPA tents, if required, must be supplied by the owner(s) | | X | |
| | Rental of lift platforms, if required, is not included | | X | |
| | Mobilcomm must be informed of any known or potential hazards on the property; if hazards are present, cost for remediation will be the owner(s) responsibility. | | X | |
| | If asbestos is present, cost for remediation will be the owner(s) responsibility | | X | |
| | Notify Mobilcomm prior to the proposal if plenum rated cable is required for any portion of the project | | X | |
| | Notify Mobilcomm prior to the proposal if site safety training is required and length of time to complete | | X | |
| Assumptions | Floor space or wall space is available | | X | |
| | Antenna & cable routing paths are available | | X | |
| | Building ground system connection is available | | X | |
| | A backup power plan, if required, is understood and agreed to by the owner(s) | | X | |
| | The proposed radio coverage area is understood and agreed to by the owner(s) | | X | |
| | An FCC license can be obtained for the required frequency(s) | | X | |
| | Subscriber radio programming plan is understood and agreed to by the owner(s) | | X | |
| | A site inspection and installation plan has been performed and approved by the owner(s) | | X | |
| | All work will be performed during normal business hours | | X | |
| Proposal | All work is proposed during normal business hours, 8:00am through 4:00pm Monday through Friday | | | |
| | After hours or weekend work is not included; if required, additional labor will be added to the final invoice | | | |
| | Prevailing wage is not included; if required, Mobilcomm must be notified before accepting this proposal | | | |
| | Title will pass upon shipment, risk of loss will pass upon delivery to purchaser's facility | | | |
| | Additional charges will apply for any material or labor not included in this document | | | |
| | This proposal is valid for 30 days; after that time, a review of the proposal is required | | | |
| | Quotations are exclusive of all installation, programming charges and applicable taxes unless expressly stated in the proposal. | | | |
| Purchase Orders | Purchase Orders, if required, must be included with the signed copy of this quotation. | | | |
| Confidential | This proposal has been prepared for use of the addressee only. This document shall not be reproduced and/or distributed to anyone other than the addressee and required personnel. | | | |
| Liability & Damages | Mobilcomm's total liability, arising from the ordered products, will be limited to the purchase price of the products with respect to which losses or damages are claimed. | | | |
| | In no event will Mobilcomm be liable for incidental or consequential damages | | | |
| Maintenance Agreement | Maintenance (if included) provides labor and parts for the time period stated at the bottom of this quotation. Please read the maintenance agreement document for additional conditions and/or restrictions that may apply to your particular equipment. | | | |
| Manufacturer's Warranty | Manufacturer's standard equipment warranty (furnished upon request) applies to all ordered equipment. Mobilcomm disclaims all other warranties with respect to the ordered products, express or implied, including the implied warranties or merchantability and fitness for a particular purpose. | | | |
| Returns | Ordered equipment may be returned for a full refund, less a 20% restocking fee, if the equipment is returned unused and undamaged, in it's original packaging, within fifteen (15) days after shipment. | | | |
| Payment Terms & Tax | If sales tax is not included, this is indicated on the proposal | | | |
| | Final payment is due within thirty (30) days after completion of the project | | | |
| | Payment by credit card on orders over \$5000 will have a 3% surcharge added to the final invoice | | | |
| Acceptance | By accepting this proposal, it is assumed that you have read and understood these terms and conditions. If you do not understand this document or scope of work, please contact the person that prepared this document for clarification. | | | |