



Bullitt County Public Schools

1040 Highway 44 East
Shepherdsville, Kentucky 40165

Phone: 502-869-8000
Fax: 502-543-3608
www.bullittschools.org

To: Jesse Bacon *JB*
Becky Sexton
From: Ed Oylar *EEO* ✓
Date: 11/12/2020
Subject: PA Systems BAC/ROC and Eastside Middle School

At this time, I am requesting the Board's approval of the contractual agreements with SWC and Business Cabling for the replacement of the PA systems at BAC/ROC and Eastside Middle School. The project will be funded with remaining LIBR funds.

Rationale:

Both BAC/ROC and Eastside Middle School have non-functional or failed PA systems. To ensure all staff, teachers, and students are safe and each building has the ability to communicate in a timely manner, I am recommending that both PA systems are replaced. Furthermore, the Rauland PA system is the logical selection for replacement.

Benefits of Rauland's PA System vs: Valcom PA System

- System is a completely new installation, not renovated or updated
- System is consistent with new installations throughout the district
- System is compatible with all recent PA system installations
- System comes with a five-year warranty
- Increased ease and ability for district personnel to program and manage
- No fees for service related problems for the first five-years

Recommendation:

- Install the necessary wiring and equipment for new System
- Repair PA System at BAC/ROC
- Repair PA System Eastside Middle School

Funding Source:

- Utilize LIBR Funds to Pay for Both Projects

Quoted Cost of Projects

Wiring/Equipment Install- **\$21,940**

BAC/ROC System-**\$58,889.78**

Eastside Middle School-**\$72,855.49**

Total Cost-**\$153,685.27**

If you have questions, please contact me at 502-869-8021.

Equal Education and Employment Institution

KF
B. Sexton

PRICING SUMMARY

**Account:**

BULLITT CO PUBLIC SCHOOL
DIST
1040 HIGHWAY 44 E

Facility Location:

BULLITT CO PUBLIC SCHOOL DIST
1040 HIGHWAY 44 E
SHEPHERDSVILLE, KY 40165

Offer/Disclaimer: In accordance with the Scope of Work, Bill of Materials, and Terms and Conditions attached hereto, SWC is pleased to offer this pricing for the following project:

Title: Eastside MS-TCU

Ref #: 41747_1

Estimate Group**Price**

TCU

\$72,655.49

Subtotal:

\$72,655.49

Tax (Exempt):

\$.00

Total:

\$72,655.49

Account Executive: North Education

(812) 589-3819

Gene.Shelton@swc.net

Terms: Direct, No Cable _ Installation

Per my authority as an executing agent, please accept this as an intent to award and enter into a contractual agreement with SWC.

Name

Signature

SCOPE

SWC proposes installing a new Rauland Telecenter U IP System. The proposal also includes replacing existing call switches, classroom speakers, and 8 existing outside recessed paging horns. Customer will provide all cabling infrastructure. All hallway speakers and associated cable will be reused. SWC will not be responsible for any cable demo.

BILL OF MATERIALS

Est. Group - TCU

Mfg	Part Num	Description	Quantity
Graybar	J-Hook	J-Hooks & Hardware	350.00
SWC	Misc-Cable	Misc. Cable, Connectors and Consumables	5.00
Lowell	8C10MRB-T72	Speaker-8in Moist Resist Cone, 10oz Magnet, 15	8.00
Rauland	BAFKIT2X2L8R J	8 ohm 2X2 Lay-in Speaker Assembly with RJ45	67.00
Lowell	CB84-SGVP	Surface Backbox for SG-8VP	8.00
JBL	CSA280Z	NCSA280Z-U-US 2X80W 70/100V 1RU 1/2RACK	4.00
Graybar	M1-50	Siemon 66 Block	1.00
Middle Atlantic	PD-915R	PD-915R 9Outlet 51A Surge Prot. Rack Mount Po	1.00
Graybar	S89B	SIEMON 66 BLOCK BRACKET	1.00
Lowell	SG-8VP	Grille-8in Speaker, Steel, Screw Mount, 11.438in	8.00
Rauland	TCC2000	CAMPUS CONTROLLER	1.00
Rauland	TCC2022	ZONE PAGE MODULE	8.00
Rauland	TCC2033	AUXILIARY I/O MODULE	1.00
Rauland	TCC2055	PROGRAM LINE INPUT MODULE	1.00
Rauland	TCC2099	UNIVERSAL RACK MOUNT	4.00
Rauland	TCC2211PB	Call Switch RJ45 Emer Check-in	68.00
Proco	TYPE A	TYPE A Input Jack Plate	1.00
Middle Atlantic	VT1	VT1 1SP PERFORATED VENT PANEL	3.00
Quam	Solution 5	Solution 5 2 4OHM Speaker Package	1.00
Middle Atlantic	BR1	1U Brush Grommet Panel	2.00
Rauland	TCC2011A	IP Classroom Module V2	68.00
Rauland	TCC2045	Telecenter Campus IP Console V2	1.00
Lynn Elec	CAT6PL-07-GR	Patch Cable CAT6 Plenum 7ft Green	72.00
Lynn Elec	CAT6PL-10-GR	Patch Cable CAT6 Plenum 10ft Green	68.00
Lynn Elec	CAT6PL-35-GR	Patch Cable CAT6 Plenum 35ft Green	1.00
Lynn Elec	CAT6PL-50-GR	Patch Cable CAT6 Plenum 50ft Green	76.00

Scope includes:

- 1 Submittals for review and approval, if required.
- 2 Furnishing ONLY; special housings and special back boxes for installation by others.
- 3 Furnishing and installing "J" hooks for systems listed as needed per SWC standards.
- 4 Furnishing, installing and termination of field devices.
- 5 Furnishing, installing and termination of head-end equipment in Equipment Rooms and Control areas.
- 6 Functional testing of systems per SWC standards. Testing documents available upon request.
- 7 Operation and maintenance documents in electronic format ONLY, per the standards of SWC.
- 8 Project Management services in coordination with SWC scope of work.
- 9 Site Supervision during the installation of SWC scope of work ONLY.
- 10 As required; site conditions verification for SWC Scope of work ONLY.
- 11 "Go-Live support includes up to "1" day per area/department, as defined within the Needs Assessment, and will be on consecutive days Mon-Fri 8am-4pm. Customer conducted end-user training must be completed prior to Go-Live"
- 12 Removal of only those existing system/devices and cable rendered obsolete by this project.
- 13 Fire caulking of only those penetrations opened or generated by SWC during the execution of this project using standard putty or caulk. Specialty sleeves not included.

Scope Excludes:

- 1 Service and circuit power requirements including final connections to any and all of our electronic equipment.
- 2 Furnishing and installing wire and cable for systems listed.
- 3 Lead lined or similar back boxes unless specifically noted.
- 4 Finish Painting (except for those products furnished from the factory by SWC with finish paint).
- 5 Patching of concrete, tile, drywall or masonry.
- 6 Core drilling and sleeves including any X-ray services needed.
- 7 Furnishing and installing hardware for doors.
- 8 Any and all interfacing to other equipment unless specifically noted. This includes lighting control relays.
- 9 Server(s) and workstation(s) hardware and Microsoft operating system

Terms and Conditions:

- 1 Quote is based on the issuance of a ConsensusDoc Contract, Subcontract, or acceptable purchase order having this scope letter attached. In the absence of a subcontract, an authorized signature and return of this Quote will be accepted and will constitute a contractual agreement between the parties and will be conditional on the Terms and Conditions of the ConsensusDoc and this scope letter and proposal.
- 2 Quote is based on SWC being furnished appropriate CAD files at the point of contract or notice to proceed. Delays in furnishing CAD files will delay the project. Lack of appropriate CAD files will be cause for a change order at \$250 per sheet.
- 3 Normal timeframe is up to 8-12 weeks from receipt of contract or acceptable notice to proceed for SWC submittals, if required. Timeframe dependent on project size, conditions and the agreed upon schedule. (check on \$ amount variable)
- 4 Allow 2-8 weeks from receipt of approved submittals for SWC to commence work on site.
- 5 The facility will appoint a Clinical Administrator, a Systems Resource Administrator and IT Administrator for coordination and working directly with SWC throughout the project.
- 6 Within the first 30-40 days of the project, we will require the following in order to make the project a success and proceed with final design, programming, manufacturing and installation: 1) necessary IP addresses and server access, 2) needs assessment session and sign-off, 3) final review and sign-off of project scope and schedule.
- 7 Quote is based on SWCs scope of work being performed during normal business hours Mon-Fri.
- 8 Space for lockable storage will be provided for equipment and tools convenient to work areas.
- 9 All permits, local license, inspections and all related cost will be furnished by others. SWC is licensed to perform work in the state and has license as such.
- 10 Performance and Payment Bond is available if required at 1% of total contract value to SWC. It is not included in our price.
- 11 Payment for all Engineering, Manufacturing and Project Management will be allowed at time of occurrence and is not contingent on equipment delivery or site operations.
- 12 Payment for stored material at our facilities will be allowed.
- 13 Payment terms are net 30 days with all unpaid balances subject to 1 1/2% interest.
- 14 Warranty will be one (1) year from substantial completion of our scope of work and or beneficial occupancy or use by the Owner and or the Owner's agents / employees and will be as defined by our Certification of Warranty issued at the time of substantial completion of our scope of work and or beneficial occupancy or use by the Owner and or the Owner's agents / employees. Rauland hardware is covered by an additional 4 year manufacturer's warranty (software, pillow speakers, freight, and labor excluded)
- 15 No Retainage to be withheld.

- 16 In the case of termination for our Customer's or the Owner's convenience, SWC shall be entitled to receive payment for work executed, and costs incurred by reason of such termination, along with reasonable overhead and profit on the work not executed.
- 17 Anti-bid shopping clause: It is understood and agreed that this Quote is a confidential document between the parties and any use thereof to conduct business with any party other than SWC constitutes a breach of contract.
- 18 Wrap-up, CCIP or OCIP clause: SWC shall not participate in a consolidated insurance program (CIP).
- 19 The Project Schedule will be a mutually agreed upon document between the parties, including all revisions. Schedule revisions and or acceleration requiring additional manpower and time for reasons not caused by SWC (i.e. other trades not meeting the schedule, weather, site conditions, release of rooms/areas and other delays) may constitute a change order for additional time and or an add to the contract value. Scope and price are based on normal working hours Monday through Friday (unless specifically noted) during the hours of 7 am - 5 pm; any deviation, unless requested by SWC, may be cause for additional compensation. Additionally, scope and price are be based on the release of a certain quantity of (minimum of 4) rooms or areas per consecutive day/week; failure to release or delay in release may be cause for additional compensation.
- 20 Owner's builders risk (all risk) insurance policy: The Owner and if not the Contractor / Customer shall purchase and maintain all risk insurance for work performed, material stored (on or off-site), materials in-transit and materials delivered (and or installed).
- 21 First year SSA (Software Support Agreement) is included in price. Continuation of SSA, if accepted, will begin one year from issuance of SWC Certificate of Warranty. Payment for SSA due 60 days prior in order to become activated. Failure to execute and issue payment will result in loss of service and support.
- 22 Additional pricing is excluded for extended warranty and requires an executed agreement. If executed, it will begin one year from issuance of SWC Certificate of Warranty. Payment due 60 days. Failure to execute and issue payment will result in loss of service and support under warranty terms and conditions. Billable Service will remain available should an extended warranty agreement not be executed.
- 23 Time validity of this Quote is 60 days.
- 24 Taxes, please refer to summary pricing for inclusion or exclusion.
- 25 Down payment: A 30% down payment is required for all orders and is to be received prior to SWC commencing any work.

PRICING SUMMARY

**Account:**

BULLITT CO PUBLIC SCHOOL
DIST
1040 HIGHWAY 44 E

Facility Location:

BULLITT CO PUBLIC SCHOOL DIST
1040 HIGHWAY 44 E
SHEPHERDSVILLE, KY 40165

Offer/Disclaimer: In accordance with the Scope of Work, Bill of Materials, and Terms and Conditions attached hereto, SWC is pleased to offer this pricing for the following project:

Title: Riverview and Alternative TCU IP

Ref #: 41780_2

Estimate Group	Price
Alternate School TCU	\$25,635.34
Riverview TCU	\$33,254.44
<hr/>	
Subtotal:	\$58,889.78
Tax (Exempt):	\$.00
Total:	\$58,889.78

Account Executive: North Education

(812) 589-3819

Gene.Shelton@swc.net

Terms: Direct, No Cable _ Installation

Per my authority as an executing agent, please accept this as an intent to award and enter into a contractual agreement with SWC.

Name

Signature

SCOPE

This quote is for SWC to install a new Rauland Telecenter U IP at Riverview and Alternative Buildings. We will replace 13 existing speakers at Riverview that and add 2 additional in the main hallway. The Alternative Building will have 6 speakers in the multipurpose room replaced and 6 ceiling speakers in the hallway and office. Both schools will get two horns on the front of the buildings. Each school will get new speakers and call switches in the classrooms. Customer will provide the infrastructure cable. SWC will not be responsible for any cable demo.

BILL OF MATERIALS

Est. Group - Alternate School TCU

Mfg	Part Num	Description	Quantity
Graybar	J-Hook	J-Hooks & Hardware	105.00
SWC	Misc-Cable	Misc. Cable, Connectors and Consumables	2.00
Rauland	3603	Wide angle paging horn	2.00
Rauland	ACC1406	8" Spkr (25v) & Round Baffle	6.00
Rauland	BAFKIT2X2L8R J	8 ohm 2X2 Lay-in Speaker Assembly with RJ45	16.00
JBL	CSA280Z	NCSA280Z-U-US 2X80W 70/100V 1RU 1/2RACK	1.00
Graybar	M1-50	Siemon 66 Block	1.00
Graybar	S89B	SIEMON 66 BLOCK BRACKET	1.00
Rauland	TCC2000	CAMPUS CONTROLLER	1.00
Rauland	TCC2022	ZONE PAGE MODULE	2.00
Rauland	TCC2033	AUXILIARY I/O MODULE	1.00
Rauland	TCC2055	PROGRAM LINE INPUT MODULE	1.00
Rauland	TCC2099	UNIVERSAL RACK MOUNT	2.00
Rauland	TCC2211PB	Call Switch RJ45 Emer Check-in	16.00
Proco	TYPE A	TYPE A Input Jack Plate	1.00
Rauland	TCC2011A	IP Classroom Module V2	16.00
West Penn	25292BGN1000	1P 20G STRD SHLD PLENUM, Green	1.00
Rauland	TCC2045	Telecenter Campus IP Console V2	1.00
Lynn Elec	CAT6PL-07-GR	Patch Cable CAT6 Plenum 7ft Green	22.00
Lynn Elec	CAT6PL-10-GR	Patch Cable CAT6 Plenum 10ft Green	16.00
Lynn Elec	CAT6PL-50-GR	Patch Cable CAT6 Plenum 50ft Green	16.00
Rauland	A30G	Weather Tight Strain Relief Adapter	2.00

Est. Group - Riverview TCU

Mfg	Part Num	Description	Quantity
Graybar	J-Hook	J-Hooks & Hardware	125.00
SWC	Misc-Cable	Misc. Cable, Connectors and Consumables	2.00
Rauland	3603	Wide angle paging horn	2.00
Cablestogo	37093	One Port Single Gang Wall Plate - Stainless Steel	1.00
Rauland	ACC1406	8" Spkr (25v) & Round Baffle	13.00
Lowell	CB84-SG	Surface Backbox for SG-8	8.00
JBL	CSA280Z	NCSA280Z-U-US 2X80W 70/100V 1RU 1/2RACK	2.00
Graybar	M1-50	Siemon 66 Block	1.00
Graybar	S89B	SIEMON 66 BLOCK BRACKET	1.00
Lowell	SG-8	Grille-8in Speaker, Steel, Screw Mount, 11.438in	8.00
Rauland	TCC2000	CAMPUS CONTROLLER	1.00
Rauland	TCC2022	ZONE PAGE MODULE	4.00
Rauland	TCC2033	AUXILIARY I/O MODULE	1.00
Rauland	TCC2055	PROGRAM LINE INPUT MODULE	1.00
Rauland	TCC2099	UNIVERSAL RACK MOUNT	2.00
Rauland	TCC2211PB	Call Switch RJ45 Emer Check-in	20.00
Proco	TYPE A	TYPE A Input Jack Plate	1.00
Rauland	US0188	8" SPKR 25/70V MTAP XFMR 5OZ	8.00
Sun belt	Lift	Lift Rental	1.00
Rauland	BAFKIT2X2LRJ	25V 2X2 Lay-in Speaker Assembly with RJ45	20.00
Rauland	TCC2011A	IP Classroom Module V2	20.00
West Penn	25292BGN1000	1P 20G STRD SHLD PLENUM, Green	1.00
Rauland	TCC2045	Telecenter Campus IP Console V2	1.00
Lynn Elec	CAT6PL-07-GR	Patch Cable CAT6 Plenum 7ft Green	28.00
Lynn Elec	CAT6PL-10-GR	Patch Cable CAT6 Plenum 10ft Green	20.00
Lynn Elec	CAT6PL-50-GR	Patch Cable CAT6 Plenum 50ft Green	20.00
Rauland	A30G	Weather Tight Strain Relief Adapter	2.00

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- 6 Functional testing of systems per SWC standards. Testing documents available upon request.
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- 9 Site Supervision during the installation of SWC scope of work ONLY.
- 10 As required; site conditions verification for SWC Scope of work ONLY.
- 11 "Go-Live support includes up to "1" day per area/department, as defined within the Needs Assessment, and will be on consecutive days Mon-Fri 8am-4pm. Customer conducted end-user training must be completed prior to Go-Live"
- 12 Removal of only those existing system/devices and cable rendered obsolete by this project.
- 13 Fire caulking of only those penetrations opened or generated by SWC during the execution of this project using standard putty or caulk. Specialty sleeves not included.

Scope Excludes:

- 1 Service and circuit power requirements including final connections to any and all of our electronic equipment.
- 2 Furnishing and installing wire and cable for systems listed.
- 3 Lead lined or similar back boxes unless specifically noted.
- 4 Finish Painting (except for those products furnished from the factory by SWC with finish paint).
- 5 Patching of concrete, tile, drywall or masonry.
- 6 Core drilling and sleeves including any X-ray services needed.
- 7 Furnishing and installing hardware for doors.
- 8 Any and all interfacing to other equipment unless specifically noted. This includes lighting control relays.
- 9 Server(s) and workstation(s) hardware and Microsoft operating system

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- 7 Quote is based on SWCs scope of work being performed during normal business hours Mon-Fri.
- 8 Space for lockable storage will be provided for equipment and tools convenient to work areas.
- 9 All permits, local license, inspections and all related cost will be furnished by others. SWC is licensed to perform work in the state and has license as such.
- 10 Performance and Payment Bond is available if required at 1% of total contract value to SWC. It is not included in our price.
- 11 Payment for all Engineering, Manufacturing and Project Management will be allowed at time of occurrence and is not contingent on equipment delivery or site operations.
- 12 Payment for stored material at our facilities will be allowed.
- 13 Payment terms are net 30 days with all unpaid balances subject to 1 1/2% interest.
- 14 Warranty will be one (1) year from substantial completion of our scope of work and or beneficial occupancy or use by the Owner and or the Owner's agents / employees and will be as defined by our Certification of Warranty issued at the time of substantial completion of our scope of work and or beneficial occupancy or use by the Owner and or the Owner's agents / employees. Rauland hardware is covered by an additional 4 year manufacturer's warranty (software, freight, and labor excluded)
- 15 No Retainage to be withheld.

- 16 In the case of termination for our Customer's or the Owner's convenience, SWC shall be entitled to receive payment for work executed, and costs incurred by reason of such termination, along with reasonable overhead and profit on the work not executed.
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- 20 Owner's builders risk (all risk) insurance policy: The Owner and if not the Contractor / Customer shall purchase and maintain all risk insurance for work performed, material stored (on or off-site), materials in-transit and materials delivered (and or installed).
- 21 Additional pricing is excluded for extended warranty and requires an executed agreement. If executed, it will begin one year from issuance of SWC Certificate of Warranty. Payment due 60 days. Failure to execute and issue payment will result in loss of service and support under warranty terms and conditions. Billable Service will remain available should an extended warranty agreement not be executed.
- 22 Time validity of this Quote is 60 days.
- 23 Taxes, please refer to summary pricing for inclusion or exclusion.



**BUSINESS
CABLING
SYSTEMS, LLC**
6812 Woodrow Way
Louisville, KY 40228

Office:
502.409.5694

Client Proposal

Proposal Date: 10/01/2020

<u>To:</u>	<u>Location of project:</u>
Adam Bates	Eastside Middle
Bullitt County Board of Education	Riverview Opportunity Center
1040 Highway 44	Bullitt Alternative Center
Shepherdsville, KY 40165	

Scope /Description of task

Network Cabling for Paging System

Business Cabling Systems will install at total of (107) Category 6 network cables for speakers for the following:

Eastside Middle: (69) locations

Riverview Opportunity Center: (21) locations

Bullitt Alternative Center: (17) locations

All cabling at each site will be ran in the cable support above ceiling using existing cabling pathways. Cable support will be added only to locations that may not have support already.

In the MDF's/IDF's we will add patch panels for cabling terminations and wire management for organization.

Each cable will be labeled on both ends for easy identification and certified tested for performance.

Materials total: \$8,740.00

Labor total: \$13,200.00

Project total: \$21,940.00

We look forward to working with you. Upon receipt of the signed proposal we will contact you to schedule the above project. Your signed approval may be emailed to: paul@businesscablingsystems.com

If you have any questions, please feel free to contact me at 502.553.7104 or via the email above.

Date approved: _____ Title: _____

Signature: _____