

**Notice and Request for Proposals/Bids
Educational Technology Upgrade
Norwalk Catholic School
Emergency Assistance to Non-Public Schools Project**

North Point Educational Service Center
c/o Treasurer Matthew Bauer
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Sandusky, Ohio 44870
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Advertisement: September 19, 2022
Inquiry Begins: September 22, 2022
Inquiry Period Ends: October 14, 2022
Proposal/Bid Due Date: October 20, 2022, at 1:00 p.m.
Opening of Proposal/Bid Date: October 21, 2022, at 1:00 p.m.
Anticipated Award Date: October 28, 2022

The instant notice is posted on the North Point Educational Service Center's internet web site (www.npesc.org) may be accessed on internet web site by going to www.npesc.org/vnews/display.v/ART/63287e823c5a7.

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1. Background and General Conditions

As part of the Coronavirus Response and Relief Supplemental Appropriations Act 2021, Public Law 116-260, Congress set aside \$2.75 billion of the Governor’s Emergency Education Relief Fund specifically to provide emergency assistance to students and teachers in non-public schools through the Emergency Assistance to Non-Public Schools (“EANS”) program.

On February 5, 2021, Governor DeWine submitted a signed certification and agreement for Ohio’s EANS award. Ohio received an EANS award of \$154,896,274. The Ohio Department of Education (“ODE”) is responsible for the administration of the EANS program.

As a nonpublic school, the Norwalk Catholic Schools was required to submit an application to receive services or assistance through the EANS program. The ODE has contracted with the North Point Educational Service Center Governing Board (“North Point ESC”) to provide services and assistance to the Norwalk Catholic Schools.

Ohio utilizes a weighted per pupil approach to determine service amounts for nonpublic schools. The weighted per pupil approach is derived from existing nonpublic enrollment data, low-income data, and information collected on the EANS application.

The Norwalk Catholic Schools applied for EANS to be included in the EANS final service amounts. The amount contracted to North Point ESC for services and assistance to the Norwalk Catholic Schools may vary significantly from the estimated service amounts, based on the EANS applications that the ODE receives. Ohio’s weighted per pupil approach is designed to prioritize low-income students and the impact that COVID-19 has had on nonpublic schools.

On behalf of the Norwalk Catholic Schools, the North Point ESC is seeking proposals/bids for educational technology upgrades that are **non-permanent improvements** (including hardware, software, connectivity, assistive technology, and adaptive equipment) to assist students, educators, and other staff with remote or hybrid learning funding through the EANS project as **any equipment and supplies purchased with EANS funds must be able to be removed from a nonpublic school without remodeling the nonpublic school facility**. As part of this EANS project, the North Point ESC is also seeking to eliminate physical barriers to better facilitate social distancing; redevelop instructional plans, including curriculum development, for remote or hybrid learning, or to address learning loss; and initiate and maintain education and support services or assistance for remote or hybrid learning or to address learning loss. This EANS project is estimated to cost \$550,000.00.

The instant notice is posted on the North Point Educational Service Center’s internet web site (www.npesc.org) may be accessed on internet web site by going to www.npesc.org/EANSRFP.

To be considered, your proposal/bid must be made in accordance with the following instructions:

- A. Pursuant to all applicable laws, the following dates are prescribed as follows:
1. Advertisement: September 19, 2022
 2. Inquiry Begins: September 22, 2022
 3. Inquiry Period Ends: October 14, 2022
 4. Proposal/Bid Due Date: October 20, 2022, at 1:00 p.m.
 5. Opening of Proposal/Bid Date: October 21, 2022, at 1:00 p.m.
 6. Anticipated Award Date: October 28, 2022
- B. The North Point ESC shall advertise for proposals/bids once each week for a period of not less than two consecutive weeks, or as provided in R.C. 7.16, in a newspaper of general circulation in the North Point ESC before the date specified by North Point ESC for receiving bids. The North Point ESC may also cause notice to be inserted in trade papers or other publications designated by it or to be distributed by electronic means, including posting the notice on the North Point ESC's internet web site. If the North Point ESC posts the notice on its web site, the North Point ESC may eliminate the second notice otherwise required to be published in a newspaper of general circulation within the North Point ESC, provided that the first notice published in such newspaper meets all of the following requirements:
1. It is published at least two weeks before the opening of proposals/bids.
 2. It includes a statement that the notice is posted on the North Point ESC's internet web site.
 3. It includes the internet address of the North Point ESC's internet web site, which is www.npesc.org.
 4. It includes instructions describing how the notice may be accessed on the North Point ESC's internet web site by going to www.npesc.org/vnews/display.v/ART/63287e823c5a7.
- C. Plans and specifications for the EANS project for which proposals/bids are solicited are attached hereto and incorporated herein as Appendices A-F.
- D. Prior to submitting a proposal/bid, bidders shall carefully examine the specifications and fully inform themselves as to all existing conditions and limitations and shall include in the proposal/bid a sum to cover all delivered and installed costs.
- E. Each bidder shall, at their own expense, make or obtain any additional examinations, investigations, exploration, tests, or studies and obtain any additional information and data which pertain to the physical conditions at each site or otherwise which may affect cost, progress, performance, or furnishing of the work and which the bidder deems necessary to performance of the work in accordance with price and other terms and conditions which the North Point ESC requires and which bidder proposes.
- F. Should a bidder find discrepancies in or omissions from the instant notice and request for proposals/bids, or should the bidder be in doubt as to any meaning contained therein, the bidder shall notify Treasurer Matthew Bauer via either email at mbauer@npesc.org or telephone at 1.419.627.3900, who will, if needed, provide written clarification. As deemed appropriate in the sole discretion of the Treasurer, inquiries and responses shall be posted at

- G. All questions regarding the instant the instant notice and request for proposals/bids shall be addressed to Treasurer Matthew Bauer via either email at mbauer@npesc.org or telephone at 1.419.627.3900, who will, if needed, provide written clarification. As deemed appropriate in the sole discretion of the Treasurer, inquiries and responses shall be posted at www.npesc.org/vnews/display.v/ART/63287e823c5a7.
- H. Proposals/bids are to be submitted as one paper copy and as electronic documents, numbers stated as figures should also be written out in word form, the signature shall be in long hand, and the completed form shall be without interlineations, alteration, or erasure.
- I. Proposals/bids shall be addressed to the North Point ESC, in care of Treasurer Matthew Bauer and either (1) delivered to and received at 4918 Milan Road, Sandusky, Ohio 44870, no later than October 20, 2022, at 1:00 p.m., or (2) electronically sent to and received at mbauer@npesc.org no later than October 20, 2022, at 1:00 p.m. There shall be no differentiation of information between the submitted paper versions and electronic versions.
- J. Each proposal/bid shall be properly signed as follows:
 - 1. When a corporation, with the name of the corporation, signature of an officer or other person properly authorized to enter into obligations for the corporation, title, and the corporation seal.
 - 2. When a partnership, with the name of the partnership and signature of one of the partners.
 - 3. When a sole proprietorship, with his/her signature.
- K. Each proposal/bid shall contain the name of every person interested therein.
- L. Each proposal/bid shall meet the requirements of R.C.153.54 and applicable laws.
- M. As both labor and materials are embraced in the work bid for, the North Point ESC shall require that proposals/bids be submitted without such separation instead of being separately stated in the bid with the price thereof.
- N. Proposals/bids shall not be read publicly.
- O. The proposal/bid for which the award is to be made shall be opened at the following time and place: October 21, 2022, at 1:00 p.m., at 4918 Milan Road, Sandusky, Ohio 44870.
- P. The proposal/bid for which the award is to be made shall be opened at the time and place named in the instant advertisement for proposals/bids unless (1) extended by the North Point ESC or (2) within seventy-two (72) hours prior to the published time for the opening of bids, excluding Saturdays, Sundays, and legal holidays, any modification of the plans or specifications and estimates of cost for the EANS project for which proposals/bids are solicited is issued and mailed or otherwise furnished to persons who have obtained plans or specifications for the project, for which the time for opening of bids shall be extended one (1) calendar week, with no further advertising of bids required.

- Q. None but the lowest responsible proposal/bid shall be accepted pursuant to the parameters set forth in the EANS project. The competency and responsibility of the vendors and their proposed subcontractors will be considered in determining the lowest responsible proposal/bid. Additional factors that will be considered include availability of desirable options, cost, value, quality, suitability, reliability of support, service history, ease of use, training, references and length and conditions of warranties. While cost is important to the North Point ESC, the North Point ESC is not required to accept the lowest cost proposal.
- R. The North Point ESC may reject all the proposals/bids or accept any proposal/bid for both labor and material for such improvement or repair, which is the lowest in the aggregate. In all other respects, the award of contracts for improvement or repair shall be pursuant to R.C. 153.12 and applicable laws.
- S. When two or more proposal/bid are equal, in the whole, or in any part thereof, and are lower than any others, either may be accepted, but in no case shall the work be divided between such bidders.
- T. When there is reason to believe there is collusion or combination among the bidders, or any number of them, the proposals/bids of those concerned therein shall be rejected.
- U. The contract shall be between the North Point ESC and the bidders pursuant to the parameters set forth in the EANS project.

Appendices:

Appendix A: Technology Upgrades, Conference Room 127

Appendix B: Technology Upgrades, Video Production Room 325

Appendix C: Technology Upgrades, Installed Interactive Classroom

Appendix D: Technology Upgrades, Portable Audio System

Appendix E: Technology Upgrades, AV Network Security

Appendix F: Technology Upgrades, Maintenance

Appendix A: Technology Upgrades, Conference Room 127

BRAND	QTY	MODEL	DESCRIPTION
VIEWSONIC	2	IFP8650-E1	ViewBoard IFP8650-E1 bundle includes the following items: - ViewBoard IFP8650 4K Interactive display (UPC766907900415 / Serial UZUYWWnnnnn/V34YYWWnnnnn) - LB-WIFI-001 Wireless AC adapter (UPC 766907910117 / Serial V1LYWWnnnnn) - WMK-047-2 wall mount (UPC 766907909227 / Serial V1BYWWnnnnn)
VIEWSONIC	1	VPC25-W33-P1	ViewBoard OPS-C i5 slot-in PC for IFP50, IFP70 Series and IFP9850 3rd Gen
	2	HW-DISP	Display Mounting & Safety Hardware
Poly	1	2200-86270-001	POLY STUDIO X50 & TC8; 4K Video Conf/Collab/Wireless Pres Sys:Touch Cntrl,4K 5x EPTZ auto-track Cam,Codec,Stereo Spkrphone,Wall Mount Kit;Cables:2 HDMI 1.83m,1 CAT5E LAN 4.57m;NTSC/PAL;Pwr: Amer-Type B,NEMA 5-15.
Poly	1	487P-86270-158	Partner Poly Plus Onsite, One Year, Poly Studio X50,Poly TC8.
AVTEQ	1	TC8-SM	Poly TC8 surface mount
C2G	1	CG28102	2m USB 2.0 A/B CBL BLK
C2G	1	CG28103	3M USB 2.0 A/B CBL BLK
SCT	1	RCU2s-C00	Aver: CAM340+***Cisco: CD-DSKCAM-C-US/WW***Huddly: IQ Go***Jabra: Panacast 3***Lumens: VC-B11U***Panasonic: AW-UE4***Poly: G7700 [Device Mode]***VDO364: 3SEE
Extron	1	60-1607-01	DA2 HD 4K PLUS - Two Output 4K/60 HDMI Distribution Amplifier
Extron	1	70-077-01	MBU 125 - 1/4 & 1/2 Rack Width, Under-Desk Mount Kit for Two-Piece Enclosure
LibertyAV	2	AOC-18G-R-OBXP-G10M	32.8' Chromis Fiberoptics Pinnacle4K Active Optical Plenum HDMI Cable
MIDDLE ATLANTIC	1	PWR-8-V	15A8 OUTVERTICAL
	1	LOT - RACEWAY	Lot - Surface Raceway / Boxes / Adapters
	1	TRAIN-CUSTOM-TS	Onsite and remote training for 3 years
	1		Miscellaneous Parts & Hardware
	1		Engineering
	1		Drafting
	1		Installation
	1		Field Engineering
	1		Project Management
Spectrun Industrie	14	37239-MZBKBC1200000	Flex Active Tables - Laminate: Misted Zephyr 4843-60 T2, Edgeband: Black 3MM
Spectrun Industrie	30	38246BU	Metal Finish: Black, Worksurface Size: 60"W x 24"D
Spectrun Industrie	1	55152-GTBKB101105002	Executive Nesting Chair Burgundy
	1		Slim Lectern
	1		Installation
	1		Project Management
	1		Shipping

Appendix B: Technology Upgrades, Video Production Room 325

BRAND	QTY	MODEL	DESCRIPTION
NewTek	1	FG-001586-R001	TriCaster TC1 Video Switcher & Small Control Panel Kit
ViewSonic	2	VP3268A-4K	32" ColorPro™ 4K UHD IPS Monitor with 90W USB C, RJ45, sRGB and HDR10
Logitech	1	920-009292	MX Keys Combo for Business - keyboard and mouse set - graphite
JBL	1	JB305PMKIIPK	Powered 5" Two-Way Studio Monitors - Pair
AUDIO TECHNICA	1	ATH-M50X	Closed-back dynamic monitor headphones, detachable cables, black
MIDDLE ATLANTIC	1	ESUR-DC	60" DESK&OB W/2X4 RKSDC
MIDDLE ATLANTIC	2	MFR-1227GC	12SP27D MOBILE F RACK GC
MIDDLE ATLANTIC	2	UPS-2200R	2200VA/1650W UPS
MIDDLE ATLANTIC	4	PD-915R	9OUT15ARCKMNT POWER CEN
	1	HW-RACK	Rack Shelves, Panels, Misc Hardware
Spectrun Industries	1	38152BK	Deluxe Studio / Esports Chair
QNAP	1	TS-873AEU-RP-4G-US	SAN/NAS Storage System, 8 Bay, 2.5GB Network, 10GB USB
Seagate	8	ST8000VN004	IronWolf 8TB NAS Hard Drive 7200 RPM 256MB Cache SATA 6.0Gb/s CMR 3.5" Internal HDD for RAID Network Attached Storage
Samsung	2	MZ-V751T0B/AM	EVO PLUS M.2 2280 1TB PCIe Gen 3.0 x4, NVMe 1.3 V-NAND 3-bit MLC Internal Solid State Drive (SSD)
Ubiquiti	1	UBSWENT24POE	Enterprise 24-Port Gigabit & 2.5G PoE+ Compliant Managed Switch with SFP+
Panasonic	3	AG-CX350PJ5	4K Camcorder, 1" MOS Sensor, UHD 4K, 1080p, Variable Frame Rate, 2 x Media Card Slot, HLG Recording
Elvid	3	OCM-7B-4KV2	7" On-Camera Monitor
Sennheiser	3	505453	MKE 600 Shotgun Microphone
SanDisk	6	SDSDXDK-128G-ANCIN	128GB Extreme PRO UHS-II SDXC Memory Card
Panasonic	3	AG-VBR59P	7.28V 43Wh Lithium-Ion Battery for DVX200 and CX10
Libec	3	ZFC-L	LANC Zoom and Focus Control for Select Cameras
Arco	3	CS-D20B	DR Series Padded Carrying Case
Magnus	3	VT-4000	Tripod System with Fluid Head
Magnus	3	DWF-2	Universal Tripod Dolly
Magnus	3	PB-2	Pan Bar for VT-4000 Tripod
Ruggar	3	BD-3035	Deluxe Padded 35" Tripod Case (Black)
	1	HW-VIDEO	Lot - cable, Connectors, Video System Installation Hardware
TBD	1	TBD	Audio Workstation, Intel iCore 7 min.
ViewSonic	2	VP3268A-4K	32" ColorPro™ 4K UHD IPS Monitor with 90W USB C, RJ45, sRGB and HDR10
Logitech	1	920-009292	MX Keys Combo for Business - keyboard and mouse set - graphite
AVID	1	9900-74103-00	Carbon Rackmount 25x34 Ethernet Audio Interface with Pro Tools Software
	1	NOTE	This includes a one year user license, which will have to be renewed each year for approximately \$200 - \$600.
JBL	1	JB305PMKIIPK	Powered 5" Two-Way Studio Monitors - Pair

Appendix B: Technology Upgrades, Video Production Room 325

BRAN	QTY	MODEL	DESCRIPTION
AUDI	1	ATH-M50X	Closed-back dynamic monitor headphones, detachable cables, black
	1	CUST-IO	Custom IO Plate for Audio Workstation
M			
I	2	UPS-2200R	2200VA/1650W UPS
M			
I	4	PD-915R	9OUT15ARCKMNT POWER CEN
Soluti	1	HW-RACK	Rack Shelves, Panels, Misc Hardware
S			
p	1	38152BK	Deluxe Studio / Esports Chair
SHUR	2	BLX188/CVL-H10	BLX188 DUAL LAV SYSTEM W/CVL
SHUR	2	URT2	UNIVERSAL RACK TRAY
			Dual Vocal System with (1) BLX88 Dual Wireless Receiver and (2) BLX2 Handheld Transmitters with PG58 microphone
SHUR	2	BLX288/PG58-H10	
SHUR	2	URT2	UNIVERSAL RACK TRAY
			Cardioid Dynamic Studio Vocal Microphone, includes standard and close-talk windscreens
SHUR	2	SM7B	
K&M	2	23840	Microphone Desk Boom Arm
SHUR	4	SM58S	Cardioid Dynamic, On-Off Switch
SHUR	4	SM57-LC	Cardioid Dynamic
Gator	4	GFW-MIC-2000	Standard Tripod Microphone Stand
Gator	4	GFW-MIC-2010	Tripod Microphone Stand with Boom
	1	LOT-CABLES	Lot / Allowance - Microphone Cable
Clear	4	S2466X2	66 x 48 x 1.6" Double Section SORBER Baffle - Dark Gray - with Handle
	1	NOTE	Installation Materials - Audio
	1	HW-VIDEO	Lot - cable, Connectors, Video System Installation Hardware
	1	TRAIN-CUSTOM-TS	Onsite and remote training for 3 years
Prima	7	Z840-1225-08	Nimbus Acoustic Ceiling Cloud Kit (Two 24 x 48" Panels, Gray)
			Broadway Acoustic Broadband Absorbers Panel, 6-Pack (24 x 48 x 1", Gray)
Prima	4	F121-2448-08	
Prima	4	F101-1000-00	Surface Impaler - Wall Mount Clips for Broadway Panels
	1	LOT-HW	Ceiling and Wall Panel installation hardware
GVM	3	GVM-1200D-3L	LED Studio Video Bi-Color Soft 1200D 3-Light Kit
			Background System Kit with 10x12' Black, White, Chroma Green Muslins
Impac	1	BGS-1012-SK3	
	\$16,125.00	CONTINGENCY	Budget For Adds, Changes, Other Requested Equipment
	1		Engineering
	1		Drafting
	1		Installation
	1		Field Engineering
	1		Project Management
	1		Shipping

Appendix C: Technology Upgrades, Installed Interactive Classroom

BRAND	QTY	MODEL	DESCRIPTION
ViewSonic	1	IFP7550-E1	ViewBoard IFP7550-E1 bundle includes the following items: - ViewBoard IFP7550 4K Interactive display (UPC766907901610 / Serial UZWYYWWnnnnn/V33YYWWnnnnn) - LB-WIFI-001 Wireless AC adapter (UPC 766907910117 / Serial V1LYYWWnnnnn) - WMK-047-2 wall mount (UPC 766907909227 / Serial V1BYYYWWnnnnn)
ViewSonic	1	VPC15-WP-6	Intel 8th Gen i5 Slot-in PC for ViewBoard, Windows 10 Pro, 16GB DDR4, 256GB SSD, Wireless 802.11AC
Poly	1	2200-86270-001	POLY STUDIO X50 & POLY TC8 All-in-one 4K Video Conf/Collaboration/Wireless Presentation Sys:Touch Cntrl,4K 5x EPTZ auto-track 120-deg FOV Cam,Codec,IP Stereo Spkrphone,Wall Mount;2 HDMI 1.83m,1 CAT5E LAN 4.57m;NTSC/PAL;Pwr: Amer-Type B,NEMA 5-15.
Poly	1	4870-86270-362	Partner Premier, Three Year,Poly Studio X50,Touch 8
D-Link	1	DGS-1005P	D-Link DGS 1005P - switch - 5 ports
Tripplite	1	SUPER725B	7-Outlet Surge Protector, 25 ft. Cord, 2160 Joules, Black Housing
MIDDLE ATLANTIC	1	PWR-8-V	15A8 OUTVERTICAL
PanelCrafters	1	PC-G1791-E-P-W	SG FP W/HDMI F-F PIGTAIL WHT
C2G	1	CG03411	2-PORT KEYSTONE WALLPLATE WHT
C2G	1	CG03833	KEYSTONE SURFACE MOUNT BOX 2-PORT WHT
C2G	4	CG29311	CAT6 90 KEYSTONE JACK WHT
Liberty	2	HDPMM10F	Kinetic Series Premium High Speed HDMI Cables with Ethernet Certified 18G
C2G	3	CG03983	6FT CAT6 SNAGLESS UTP CABLE-BLK
C2G	2	CG03981	2FT CAT6 SNAGLESS UTP CABLE-BLK
C2G	1	CG27150	1FT CAT6 SNAGLESS UTP CABLE-BLK
C2G	2	CG16318	WIREMOLD CORDMATE II KIT WHITE
C2G	2	CG16086	Wiremold Uniduct 1Gang XtraDeep JBox -WH
Liberty	1	24-4P-P-L6-EN-BLK250	COOL SPOOL - CAT6 550 23/4P UTP CMP BLACK - 250' Plenum
	1	TRAIN-CUSTOM-TS	Onsite and remote training for 3 years
	1		Miscellaneous Parts & Hardware
	1		Engineering
	1		Drafting
	1		Installation
	1		Field Engineering
	1		Project Management
	1		Shipping

Appendix C: Technology Upgrades, Installed Interactive Classroom

BRAND	QTY	MODEL	DESCRIPTION
ViewSonic	11	IFP7550-E1	ViewBoard IFP7550-E1 bundle includes the following items: - ViewBoard IFP7550 4K Interactive display (UPC766907901610 / Serial UZWYYWWnnnnn/V33YYWWnnnnn) - LB-WIFI-001 Wireless AC adapter (UPC 766907910117 / Serial V1LYYWWnnnnn) - WMK-047-2 wall mount (UPC 766907909227 / Serial V1BYWWnnnnn)
ViewSonic	11	VPC15-WP-6	Intel 8th Gen i5 Slot-in PC for ViewBoard, Windows 10 Pro, 16GB DDR4, 256GB SSD, Wireless 802.11AC
Poly	11	2200-86270-001	POLY STUDIO X50 & POLY TC8 All-in-one 4K Video Conf/Collaboration/Wireless Presentation Sys:Touch Cntrl,4K 5x EPTZ auto-track 120-deg FOV Cam,Codec,IP Stereo Spkrphone,Wall Mount;2 HDMI 1.83m,1 CAT5E LAN 4.57m;NTSC/PAL;Pwr: Amer-Type B,NEMA 5-15.
Poly	11	4870-86270-362	Partner Premier, Three Year,Poly Studio X50,Touch 8
D-Link	11	DGS-1005P	D-Link DGS 1005P - switch - 5 ports
Tripplite	11	SUPER725B	7-Outlet Surge Protector, 25 ft. Cord, 2160 Joules, Black Housing
MIDDLE ATLANTIC	11	PWR-8-V	15A8 OUTVERTICAL
PanelCrafters	11	PC-G1791-E-P-W	SG FP W/HDMI F-F PIGTAIL WHT
C2G	11	CG03411	2-PORT KEYSTONE WALLPLATE WHT
C2G	11	CG03833	KEYSTONE SURFACE MOUNT BOX 2-PORT WHT
C2G	44	CG29311	CAT6 90 KEYSTONE JACK WHT
Liberty	22	HDPMM10F	Kinetic Series Premium High Speed HDMI Cables with Ethernet Certified 18G
C2G	33	CG03983	6FT CAT6 SNAGLESS UTP CABLE-BLK
C2G	22	CG03981	2FT CAT6 SNAGLESS UTP CABLE-BLK
C2G	11	CG27150	1FT CAT6 SNAGLESS UTP CABLE-BLK
C2G	22	CG16318	WIREMOLD CORDMATE II KIT WHITE
C2G	22	CG16086	Wiremold Uniduct 1Gang XtraDeep JBox -WH
Liberty	11	24-4P-P-L6-EN-BLK250	COOL SPOOL - CAT6 550 23/4P UTP CMP BLACK - 250' Plenum
	11	TRAIN-CUSTOM-TS	Onsite and remote training for 3 years
	11		Miscellaneous Parts & Hardware
	11		Engineering
	11		Drafting
	11		Installation
	11		Field Engineering
	11		Project Management
	11		Shipping

Appendix D: Technology Upgrades, Portable Audio System

BRAND	QTY	MODEL	DESCRIPTION
QSC	1	TOUCHMIX-16	Touch-screen digital audio mixer with 16 mic/line inputs, 2 stereo inputs, 4 effects, 6 mono aux sends, 2 stereo aux sends.
QSC	1	TMR-1	Rack-mount adaptor kit for TouchMix-30 Pro.
SHURE	4	ULXD4Q=-H50	Quad Digital Wireless Receiver with internal power supply, 1/2 Wave Antenna and Rack Mounting Hardware
SHURE	10	ULXD1=-H50	Digital Wireless Bodypack Transmitter with Miniature 4-Pin Connector
SHURE	5	WL185	Microflex® Cardioid Lavalier Microphone
SHURE	5	DH5B/O-LM3	DURAPLEX HEADSET, BLACK, OMNI, LEMO
SHURE	6	ULXD2/K8B=-H50	ULXD HH TRANSMITTER 534-598 MHz
SHURE	24	SB900B	RECHARGEABLE BATTERY
SHURE	12	SBC-AX	AXIENT® Charging Module for SB900A Batteries
SHURE	3	SBRC-US	Rack Battery Charger. Compatible with Shure rechargeable batteries AXT910, AXT920 and SB900A.
SHURE	4	UA874US	Active Directional Antenna with Gain Switch 470-698 MHz
Gator	4	GFW-MIC-2000	GFW-MIC-2000 Standard Tripod Mic / Antenna Stand
SHURE	4	UA802	2' UHF Coaxial Antenna Cable, BNC-BNC, RG58C/U Type
SHURE	4	UA825	25' UHF Remote Antenna Extension Cable, BNC-BNC, RG8X/U Type
Gator	1	G-TOUR 10X16 PU	10U Top, 16U Side Road Console Rack
MIDDLE ATLANTIC	1	PD-915R	9OUT15ARCKMNT POWER CEN
MIDDLE ATLANTIC	2	D3	3SP ANODIZED DRAWER
	1	CUST-PLATING	Custom IO Plating & Connectivity
	1	LOT-HW	Rack Hardware, Shelves & Panels
QSC	4	K12.2	2000W active portable loudspeaker system; 12-inch woofer; 1.0-inch compression driver; 75 degree conical waveguide; dual angle pole socket; presets and user adjustable DSP. For use as main or stage monitor.
QSC	4	K12 TOTE	Soft, padded tote made with weather resistant, heavy-duty Nylon/Cordura material. FITS BOTH K12 AND NEW K12.2
Gator	2	GFW-SPK-3000SET	Pair Speaker Stands with Carrying Bag
QSC	4	KS118	3600W active, ported subwoofer; high powered 18-inch woofer; 4 large, swivel casters; M20 threaded pole socket; speaker pole optional accessory.
QSC	4	KS118-CVR	Soft cover made with heavy-duty Nylon/Cordura material for KS118 with grille guard.
QSC	4	CASTER KIT-S	3in. caster wheels (4 pack) 76 mm x 44 mm mounting bolt pattern for all KS Series and KLA181 subwoofers.
QSC	4	SP-26	Threaded speaker pole, 35 mm diameter, 26in. length.
QSC	4	SP-36	Threaded speaker pole, 35 mm diameter, 36" length.
Rapco	4	NM1-6	6' NM1 Series XLR to XLRM Microphone Cable
Rapco	4	RM1-100	100' RM1 Series XLR to XLRM Microphone Cable, Black

Appendix D: Technology Upgrades, Portable Audio System

BRAND	QTY	MODEL	DESCRIPTION
Video Production Room Interface Mixer			
QSC	1	TOUCHMIX-16	Touch-screen digital audio mixer with 16 mic/line inputs, 2 stereo inputs, 4 effects, 6 mono aux sends, 2 stereo aux sends.
QSC	1	TMR-1	Rack-mount adaptor kit for TouchMix-30 Pro.
Focusrite	2	Clarett+	OctoPre 8-channel ADAT Preamp
	1	TRAIN-CUSTOM-TS	Onsite and remote training for 3 years
	1		Miscellaneous Parts & Hardware
	1		Engineering
	1		Drafting
	1		Installation
	1		Field Engineering
	1		Project Management
	1		Shipping

Appendix E: Technology Upgrades, AV Network Security

BRAND	QTY	MODEL	DESCRIPTION
			1 Year Threat Protection (Customer Monitored), including scoring of each threat observed on the system. Customers will have the ability to block, mute, blacklist, and whitelist domains and/or IP addresses. In the correct configuration, regional blocking will be made available.
	1	Secure-AV-1	
	1	Secure-AV-Monitoring-	1 Year Threat Monitoring, Customized Reporting.

Appendix F: Technology Upgrades, Maintenance

BRAND	QTY	MODEL	DESCRIPTION
			1 Year Maintenance on all components in all rooms, 24-7-365 Help Desk Support and Annual Preventative Maintenance Onsite visit
	1	PC-IM-1	