SPECIFICATIONS

AUDIOVISUAL SYSTEM SUPPLY

& INSTALLATION

BID NUMBER: 026-19JB

Alice Birney Elementary
VAPA - SOW

Scope of Work – Alice Birney Elementary School, Audiovisual System Supply / Installation

Project Overview

Project Title: Multipurpose Room (ABES/MPR) Audiovisual System Installation

Project Number: 026-19JB - Alice Birney Elementary

Location: Alice Birney Elementary School (1050 E Olive St, Colton, CA 92324)

The project includes procurement and installation of audiovisual components and related accessories to create a fully functional presentation and sound system for school use.

General Requirements

- Furnish and install a complete and operational audiovisual (AV) system in accordance with project drawings, specifications, and manufacturer recommendations.
- Coordinate with the owner, architect, IT team, and other trades to ensure seamless integration with existing infrastructure.
- Conduct a pre-installation site survey to verify conditions, power availability, and cabling pathways.
- Provide a detailed installation plan and schedule, subject to owner approval prior to commencement of work.

Equipment Supply

- Supply all audiovisual equipment, components, and accessories as specified or equivalent approved models, including displays, projectors, screens, speakers, microphones, cameras, control systems, cabling, mounts, racks, and associated hardware.
- Ensure all supplied equipment is new, factory-sealed, and compliant with current industry standards and regulations.
- Provide all necessary mounting hardware, connectors, adapters, and interconnects for a complete and functional system.

Installation and Integration

- Perform installation, mounting, and alignment of all ELEC / AV equipment in accordance with manufacturer instructions and approved shop drawings.
- Route, terminate, and label all signal, control, and power cables in accordance with EIA/TIA 568 and 569B standards.
- Integrate all components into a cohesive and user-friendly system, ensuring compatibility between devices and networks.
- Configure and program all ELEC / AV control systems, DSPs, and user interfaces for optimal performance and usability.

Testing, Commissioning, and Quality Assurance

- Conduct system testing, calibration, and performance verification for all devices and subsystems.
- Ensure all cabling, terminations, and connections are properly installed, labeled, and tested for continuity, polarity, and signal integrity.
- Provide a final system demonstration to verify full functionality and compliance with design intent.
- Submit detailed test results and commissioning reports for owner review and approval.

Compliance and Safety

- Adhere to all applicable local building codes, electrical regulations, and safety requirements, including OSHA standards.

- Ensure all installations meet fire safety, accessibility, and equipment ventilation requirements.
- Implement necessary dust control, protection, and cleanup procedures during and after installation.

Documentation and Training

- Provide complete as-built drawings, equipment lists, configuration settings, and wiring diagrams in both printed and digital formats.
- Supply operation and maintenance manuals for all installed systems and components.
- Conduct user orientation and hands-on training sessions for end-users and facility staff, covering operation, basic troubleshooting, and maintenance procedures.
- Provide post-installation technical support for a defined warranty period as specified in the contract.

Warranty and Post-Installation Support

- Provide a minimum one-year warranty on all workmanship and supplied equipment, unless otherwise specified.
- Respond to any service or warranty calls within an agreed-upon timeframe.
- Offer optional ongoing maintenance or service agreements to ensure continued performance.

Equipment & Materials List

- Epson {V11HA25020} PowerLite L730U Laser Projector (Qty 1)
- Middle Atlantic {EWR-16-17SD} 16SP/17D ECONO WLRK,BK,DR (Qty 1)
- Middle Atlantic {SS} SLIDING SHELF, HEAVY DUTY (Qty 1)
- Middle Atlantic {UD3} 3 Space Utility Drawer (Qty 1)
- Da-Lite {34468L} COSMO 164D 87X139NPA MW (Qty 1)
- Da-Lite {44509} Wireless Mic System, 1x Handheld (Qty 1)
- Motorized Projection Screen 164" Diagonal, 16:10 HD Format (Qty 1)
- Extron {60-1005-02} MLC 62 RS D (Qty 1)
- Extron {60-1244-01} XPA 4002 TWO CHANNEL AMP 400 WATTS (Qty 1)
- Middle Atlantic {PWR-9-RPM} HORIZONTAL POWER DISTRIBUTION 9 OUTLET, 15amp (Qty 1)
- ROLLS {RM89} Rackmount Audio Mixer (Qty 1)
- Technical Pro {BLUEDECK2} Rackmount Bluetooth Receiver (Qty 1)
- Kramer Electronics {C-HM/HM-35} CABLE (Qty 2)
- Kramer Electronics {C-HM/HM-6} HDMI TO HDMI CABLE 6’ (Qty 1)
- Shure {SM58S} CARDIOID DYNAMIC, ON-OFF SWITCH (Qty 2)
- Covid, Inc. {EHB-220-W} HDBaseT Set, HDMI 4K, 18G, Tx-WP+ Rx-Box (Qty 1)
- Covid, Inc. {VP-CSP1425-06} RCA to 3.5MM Stereo Cable (Qty 2)
- Covid, Inc. {C6-RJ-B-100} Cat 6, RJ45 to RJ45, Blue Jacket, 100ft (Qty 1)
- Covid, Inc. {C6-RJ-BK-100} at 6, RJ45 to RJ45, Black Jacket, 100ft (Qty 1)
- Covid, Inc. {C6-RJ-W-100} at 6, RJ45 to RJ45, White Jacket, 100ft (Qty 1)
- Covid, Inc. {THB-200} HDBaseT Set, THB-200 + RBH-200 (Qty 1)
- Covid, Inc. {EHW-200} Wireless HDMI to HDMI Extender Set, 4K (Qty 1)
- Covid, Inc. {SH41-220} Switcher, HDMI 2.0, 4x1, 18G, Audio Extractor (Qty 1)
- Covid, Inc. {QT-C-4703} Custom Rack Panel (Qty 1)
- Covid, Inc. {USB-AB-06} USB 2.0 Cable, A-Male to B-Male, 6ft (Qty 1)
- Covid, Inc. {MC-HD2S-18IN} Micro Slim Line HDMI Cable, 4K, 18G, 18in (Qty 4)
- Covid, Inc. {MC-HD2-06} Slim Line HDMI Cable, 4K, 18G, 6ft (Qty 1)
- Covid, Inc. {EC-HD21-35} HDMI Cable, 4K, 18G, 35ft (Qty 1)
- Covid, Inc. {ADP-HDF-HDF} ADAPTER, HDMI FEMALE TO HDMI FEMALE (Qty 1)
- Covid, Inc. {VP-CSP1455-03} RCA Stereo Audio Cable, Male to Male, 3ft (Qty 1)
- Covid, Inc. {V-USBC-USBAM-06} USB 2.0 Cable, C-Male to A-Male, 6ft (Qty 1)
- Covid, Inc. {PS-USB5V21A} USB Charger, 5V 2.1A, Black (Qty 2)
- Covid, Inc. {PST-0001-04} 6 Outlet Power Strip w/ Surge Suppressor, 4ft (Qty 1)
- Covid, Inc. {CVA0200-12-BULK} 12-2, Unshielded, Bulk Cable (P.P.F. - Qty 250’)

Equipment & Materials List Cont.

- HOSA {XRM-102} Cable RCA to XLR3M, 2 ft (Qty 2)
- HOSA {MCL-103} Microphone Cable, Hosa XLR3F to XLR3M, 3 ft (Qty 2)
- HOSA {MCL-130} Microphone Cable, Hosa XLR3F to XLR3M, 30 ft (Qty 2)
- JBL Control {31-Wh} Two-way, High Output In/Out Loud Speaker (Qty 2)
- Avidex {AVI4000} Misc Material (Qty 1)
- Chief {RPMAU} UNIVERSAL MOUNT (Qty 1)

Comments

- Install the following equipment, 7000 Lumen Laser Projector, replacing existing projector, mount and cabling. Motorized Projection Screen 164" Diagonal, 16:10 HD Format. Wall mounted control for projector and screen. Wall mounted equipment rack at side of stage. 3-Space utility drawers, sliding shelf, sequenced power distributor. Rackmount audio mixer, bluetooth receiver, dual handheld wireless mic system. Power amplifier. Install 2 wall mounted speakers at front of room. Provide user training & all additional materials necessary for a complete system.

Colton High School
VAPA - SOW

Scope of Work – Colton High School, Audiovisual System Supply / Installation

Project Overview

Project Title: Theater (Colton High School/THR) Audiovisual System Installation

Project Number: 026-19JB - Colton High School

Location: Colton High School (777 W Valley Blvd, Colton, CA 92324)

The project includes procurement and installation of audiovisual components and related accessories to create a fully functional presentation and sound system for school use.

General Requirements

- Furnish and install a complete and operational audiovisual (AV) system in accordance with project drawings, specifications, and manufacturer recommendations.
- Coordinate with the owner, architect, IT team, and other trades to ensure seamless integration with existing infrastructure.
- Conduct a pre-installation site survey to verify conditions, power availability, and cabling pathways.
- Provide a detailed installation plan and schedule, subject to owner approval prior to commencement of work.

Equipment Supply

- Supply all audiovisual equipment, components, and accessories as specified or equivalent approved models, including displays, projectors, screens, speakers, microphones, cameras, control systems, cabling, mounts, racks, and associated hardware.
- Ensure all supplied equipment is new, factory-sealed, and compliant with current industry standards and regulations.
- Provide all necessary mounting hardware, connectors, adapters, and interconnects for a complete and functional system.

Installation and Integration

- Perform installation, mounting, and alignment of all ELEC / AV equipment in accordance with manufacturer instructions and approved shop drawings.
- Route, terminate, and label all signal, control, and power cables in accordance with EIA/TIA 568 and 569B standards.
- Integrate all components into a cohesive and user-friendly system, ensuring compatibility between devices and networks.
- Configure and program all ELEC / AV control systems, DSPs, and user interfaces for optimal performance and usability.

Testing, Commissioning, and Quality Assurance

- Conduct system testing, calibration, and performance verification for all devices and subsystems.
- Ensure all cabling, terminations, and connections are properly installed, labeled, and tested for continuity, polarity, and signal integrity.
- Provide a final system demonstration to verify full functionality and compliance with design intent.
- Submit detailed test results and commissioning reports for owner review and approval.

Compliance and Safety

- Adhere to all applicable local building codes, electrical regulations, and safety requirements, including OSHA standards.

- Ensure all installations meet fire safety, accessibility, and equipment ventilation requirements.
- Implement necessary dust control, protection, and cleanup procedures during and after installation.

Documentation and Training

- Provide complete as-built drawings, equipment lists, configuration settings, and wiring diagrams in both printed and digital formats.
- Supply operation and maintenance manuals for all installed systems and components.
- Conduct user orientation and hands-on training sessions for end-users and facility staff, covering operation, basic troubleshooting, and maintenance procedures.
- Provide post-installation technical support for a defined warranty period as specified in the contract.

Warranty and Post-Installation Support

- Provide a minimum one-year warranty on all workmanship and supplied equipment, unless otherwise specified.
- Respond to any service or warranty calls within an agreed-upon timeframe.
- Offer optional ongoing maintenance or service agreements to ensure continued performance.

Equipment & Materials List

- Epson {V11HA52920} EB-PU2010W WUXGA 10K LUMEN WHITE (Qty 1)
- Epson {V12H004M0B} MIDDLE ZOOM 4LENS FOR PRO G7000 & L1000 (Qty 1)
- Middle Atlantic {DWR-24-17PD} 24RU DWR PIVOTING WALL RACK SERIES (Qty 1)
- Middle Atlantic {EB4} EB4 BLANK PANEL (Qty 2)
- Middle Atlantic {UTR1} 1SP UNIV. HALF RACK SHELF (Qty 1)
- Middle Atlantic {HP500} RACK SCREWS (500 PACK) (Qty 1)
- Middle Atlantic {UD3} 3 SPACE UTILITY DRAWER (Qty 2)
- Middle Atlantic {SS} SLIDING SHELF, HEAVY DUTY (Qty 1)
- Da-Lite {44509} Wireless Mic System, 1x Handheld (Qty 4)
- AXIS Communications {01431-001} 2N SIP Speaker (Qty 13)
- Extron {60-1005-02} MLC 62 RS D (Qty 1)
- Extron {60-1244-01} XPA 4002 TWO CHANNEL AMP 400 WATTS (Qty 3)
- Chief {VCMU} Heavy Duty Custom Projector Mount (Qty 1)
- Chief {CMA110} Ceiling Plate 8”x8” 1-½”NT (Qty 1)
- Chief {CMS003} Fixed Pipe 3” (Qty 1)
- Middle Atlantic {PDS-615R} SEQUENCED POWER STRIP (Qty 2)
- Middle Atlantic {PD-815SC} SLIM 8 OUTLET POWER STRIP (Qty 1)
- Middle Atlantic {PD-815R-PL} 8 OUTLET 15 AMP (Qty 1)
- Middle Atlantic {VT1} Rack Vent (Qty 4)
- ROLLS {RM89} Rackmount Audio Mixer (Qty 1)
- Technical Pro {BLUEDECK2} Rackmount Bluetooth Receiver (Qty 1)
- Kramer Electronics {C-HM/HM-35} CABLE (Qty 1)
- Kramer Electronics {C-HM/HM-6} HDMI TO HDMI CABLE 6’ (Qty 1)
- Shure {SM58S} CARDIOID DYNAMIC, ON-OFF SWITCH (Qty 2)
- Covid, Inc. {EHB-220-W} HDBaseT Set, HDMI 4K, 18G, Tx-WP+ Rx-Box (Qty 1)
- Covid, Inc. {VP-CSP1425-06} RCA to 3.5MM Stereo Cable (Qty 2)
- Covid, Inc. {C6-BLU-1KR} Cat 6, 550 MHz, Blue Jacket, Plenum, 1,000' Reel (Qty 1)
- Covid, Inc. {CVA0200-12-1KR} 12-2, Unshielded, 1,000' Reel (Qty 1)
- Covid, Inc. {THB-200} HDBaseT Tx, HDMI (Qty 1)
- Covid, Inc. {SH41-220} Switcher, HDMI 2.0, 4x1, 18G, Audio Extractor (Qty 1)
- Covid, Inc. {QT-C-4394} Custom Rack Panel 1ru, Bk (Qty 1)
- Covid, Inc. {USB-AB-06} USB 2.0 Cable, A-Male to B-Male, 6ft (Qty 1)
- Covid, Inc. {MC-HD2-10} Slim Line HDMI Cable, 4K, 18G, 10ft (Qty 1)
- Covid, Inc. {MC-HD2S-18IN} Micro Slim Line HDMI Cable, 4K, 18G, 18in (Qty 4)

Equipment & Materials List Cont.

- Covid, Inc. {CSP1455-22-50} RCA Stereo Cable, Male to Male, 50ft (Qty 1)
- Covid, Inc. {CSP1455-03} RCA Stereo Audio Cable, Male to Male, 3ft (Qty 2)
- Covid, Inc. {PST-0001-04} 6 Outlet Power Strip w/ Surge Suppressor, 4ft (Qty 2)
- Covid, Inc. {ADP-HDF-HDF} ADAPTER, HDMI FEMALE TO HDMI FEMALE (Qty 1)
- Covid, Inc. {PS-USB5V21A} USB Charger, 5V 2.1A, Black (Qty 1)
- Covid, Inc. {CSP1200-22-1KR} 22-2 Shielded Twisted Pair, 1,000' Reel (Qty 1)
- Covid, Inc. {EHW-200} Wireless HDMI to HDMI Extender Set, 4K (Qty 1)
- C2G {CG20276} 2 Port USB Wall Charger AC to USB 5V4.8A (Qty 1)
- HOSA Technology {MSB-521BK} 72" Microphone stand with 36" Boom (Qty 2)
- HOSA Technology {MBL-105} Economy Microphone Cable, Hosa XLR3F to XLR3M, 5ft (Qty 4)
- HOSA {MCL-130} Microphone Cable, Hosa XLR3F to XLR3M, 25 ft (Qty 2)
- Crown {NXXLI1500-0-US} Xli1500 2X 450W Power Amp (Qty 1)

Comments

- -Install rack system on stage where the current Low Voltage Control is located.
  -Populate rack
  -Tie in stage monitor lines to tabletop mixer in booth
  -Install projector
  -Install new speakers in center cluster
  -Install HDMI inputs
  -Tie speakers, screen, projector, booth, and inputs to rack on stage
  -Program equipment
  -Train users
  - Lift rental

Cooley Ranch VAPA - SOW

Scope of Work – Cooley Ranch Elementary School, Audiovisual System Supply / Installation

Project Overview

Project Title: Multipurpose Room (Cooley Ranch Elementary/MPR) Audiovisual System Installation

Project Number: 026-19JB - Cooley Ranch Elementary School

Location: Cooley Ranch Elementary School (1000 South Cooley Drive, Colton, CA 92324)

The project includes procurement and installation of audiovisual components and related accessories to create a fully functional presentation and sound system for school use.

General Requirements

- Furnish and install a complete and operational audiovisual (AV) system in accordance with project drawings, specifications, and manufacturer recommendations.
- Coordinate with the owner, architect, IT team, and other trades to ensure seamless integration with existing infrastructure.
- Conduct a pre-installation site survey to verify conditions, power availability, and cabling pathways.
- Provide a detailed installation plan and schedule, subject to owner approval prior to commencement of work.

Equipment Supply

- Supply all audiovisual equipment, components, and accessories as specified or equivalent approved models, including displays, projectors, screens, speakers, microphones, cameras, control systems, cabling, mounts, racks, and associated hardware.
- Ensure all supplied equipment is new, factory-sealed, and compliant with current industry standards and regulations.
- Provide all necessary mounting hardware, connectors, adapters, and interconnects for a complete and functional system.

Installation and Integration

- Perform installation, mounting, and alignment of all ELEC / AV equipment in accordance with manufacturer instructions and approved shop drawings.
- Route, terminate, and label all signal, control, and power cables in accordance with EIA/TIA 568 and 569B standards.
- Integrate all components into a cohesive and user-friendly system, ensuring compatibility between devices and networks.
- Configure and program all ELEC / AV control systems, DSPs, and user interfaces for optimal performance and usability.

Testing, Commissioning, and Quality Assurance

- Conduct system testing, calibration, and performance verification for all devices and subsystems.
- Ensure all cabling, terminations, and connections are properly installed, labeled, and tested for continuity, polarity, and signal integrity.
- Provide a final system demonstration to verify full functionality and compliance with design intent.
- Submit detailed test results and commissioning reports for owner review and approval.

Compliance and Safety

- Adhere to all applicable local building codes, electrical regulations, and safety requirements, including OSHA standards.

- Ensure all installations meet fire safety, accessibility, and equipment ventilation requirements.
- Implement necessary dust control, protection, and cleanup procedures during and after installation.

Documentation and Training

- Provide complete as-built drawings, equipment lists, configuration settings, and wiring diagrams in both printed and digital formats.
- Supply operation and maintenance manuals for all installed systems and components.
- Conduct user orientation and hands-on training sessions for end-users and facility staff, covering operation, basic troubleshooting, and maintenance procedures.
- Provide post-installation technical support for a defined warranty period as specified in the contract.

Warranty and Post-Installation Support

- Provide a minimum one-year warranty on all workmanship and supplied equipment, unless otherwise specified.
- Respond to any service or warranty calls within an agreed-upon timeframe.
- Offer optional ongoing maintenance or service agreements to ensure continued performance.

Equipment & Materials List

- Epson {V11HA25020} PowerLite L730U Laser Projector (Qty 1)
- Middle Atlantic {EWR-16-17SD} 16SP/17D ECONO WLRK,BK,DR (Qty 1)
- Middle Atlantic {SS} SLIDING SHELF, HEAVY DUTY (Qty 1)
- Middle Atlantic {UD3} 3 Space Utility Drawer (Qty 1)
- Da-Lite {34468L} COSMO 164D 87X139NPA MW (Qty 1)
- Da-Lite {44509} Wireless Mic System, 1x Handheld (Qty 1)
- Vaddio {999-85600-000} 2-Way Loudspeaker (Qty 3)
- Motorized Projection Screen 164" Diagonal, 16:10 HD Format (Qty 1)
- Extron {60-1005-02} MLC 62 RS D (Qty 1)
- Extron {60-1244-01} XPA 4002 TWO CHANNEL AMP 400 WATTS (Qty 1)
- Chief {RPMAU} UNIVERSAL MOUNT (Qty 1)
- Middle Atlantic (PWR-9-RPM) HORIZONTAL POWER DISTRIBUTION 9 OUTLET, 15AMP (Qty 1)
- ROLLS {RM89} Rackmount Audio Mixer (Qty 1)
- Technical Pro {BLUEDECK2} Rackmount Bluetooth Receiver (Qty 1)
- Kramer Electronics {C-HM/HM-35} CABLE (Qty 2)
- Kramer Electronics {C-HM/HM-6} HDMI TO HDMI CABLE 6’ (Qty 1)
- Shure {SM58S} CARDIOID DYNAMIC, ON-OFF SWITCH (Qty 2)
- Covid, Inc. {EHB-220-W} HDBaseT Set, HDMI 4K, 18G, Tx-WP+ Rx-Box (Qty 1)
- Covid, Inc. {VP-CSP1425-06} RCA to 3.5MM Stereo Cable (Qty 2)
- Covid, Inc. {C6-RJ-B-100} Cat 6, RJ45 to RJ45, Blue Jacket, 100ft (Qty 1)
- Covid, Inc. {C6-RJ-BK-100} at 6, RJ45 to RJ45, Black Jacket, 100ft (Qty 1)
- Covid, Inc. {C6-RJ-W-100} at 6, RJ45 to RJ45, White Jacket, 100ft (Qty 1)
- Covid, Inc. {THB-200} HDBaseT Set, THB-200 + RBH-200 (Qty 1)
- Covid, Inc. {EHW-200} Wireless HDMI to HDMI Extender Set, 4K (Qty 1)
- Covid, Inc. {SH41-220} Switcher, HDMI 2.0, 4x1, 18G, Audio Extractor (Qty 1)
- Covid, Inc. {QT-C-4703} Custom Rack Panel (Qty 1)
- Covid, Inc. {USB-AB-06} USB 2.0 Cable, A-Male to B-Male, 6ft (Qty 1)
- Covid, Inc. {MC-HD2S-18IN} Micro Slim Line HDMI Cable, 4K, 18G, 18in (Qty 4)
- Covid, Inc. {MC-HD2-06} Slim Line HDMI Cable, 4K, 18G, 6ft (Qty 1)
- Covid, Inc. {EC-HD21-35} HDMI Cable, 4K, 18G, 35ft (Qty 1)
- Covid, Inc. {ADP-HDF-HDF} ADAPTER, HDMI FEMALE TO HDMI FEMALE (Qty 1)
- Covid, Inc. {VP-CSP1455-03} RCA Stereo Audio Cable, Male to Male, 3ft (Qty 1)
- Covid, Inc. {V-USBC-USBAM-06} USB 2.0 Cable, C-Male to A-Male, 6ft (Qty 1)
- Covid, Inc. {PS-USB5V21A} USB Charger, 5V 2.1A, Black (Qty 2)

Equipment & Materials List Cont.

- Covid, Inc. {PST-0001-04} 6 Outlet Power Strip w/ Surge Suppressor, 4ft (Qty 1)
- Covid, Inc. {CVA0200-12-BULK} 12-2, Unshielded, Bulk Cable (P.P.F. - Qty 250')
- HOSA {XRM-102} Cable RCA to XLR3M, 2 ft (Qty 2)
- HOSA {MCL-103} Microphone Cable, Hosa XLR3F to XLR3M, 3 ft (Qty 2)
- HOSA {MCL-130} Microphone Cable, Hosa XLR3F to XLR3M, 30 ft (Qty 2)

Comments

- Install the following equipment, 7000 Lumen Laser Projector, replacing existing projector, mount and cabling.
  Motorized Projection Screen 164" Diagonal, 16:10 HD Format
  Wall mounted Control for Projector and Screen.
  Wall mounted Equipment Rack at side of stage.
  3-Space utility drawers, Sliding Shelf, Sequenced Power Distributor
  Rackmount Audio Mixer, Bluetooth Receiver, Dual Handheld Wireless Mic System
  Power Amplifier. Install 2 wall mounted Speaker at front of room.
  Provide user training & all additional materials necessary for a complete system.

Crestmore Elementary School
VAPA - SOW

Scope of Work – Crestmore Elementary School, Audiovisual System Supply / Installation

Project Overview

Project Title: Multipurpose Room (Crestmore Elementary School/ MPR) Audiovisual System Installation

Project Number: 026-19JB - Crestmore Elementary School

Location: Crestmore Elementary School (18870 Jurupa Ave, Bloomington, CA 92316)

The project includes procurement and installation of audiovisual components and related accessories to create a fully functional presentation and sound system for school use.

General Requirements

- Furnish and install a complete and operational audiovisual (AV) system in accordance with project drawings, specifications, and manufacturer recommendations.
- Coordinate with the owner, architect, IT team, and other trades to ensure seamless integration with existing infrastructure.
- Conduct a pre-installation site survey to verify conditions, power availability, and cabling pathways.
- Provide a detailed installation plan and schedule, subject to owner approval prior to commencement of work.

Equipment Supply

- Supply all audiovisual equipment, components, and accessories as specified or equivalent approved models, including displays, projectors, screens, speakers, microphones, cameras, control systems, cabling, mounts, racks, and associated hardware.
- Ensure all supplied equipment is new, factory-sealed, and compliant with current industry standards and regulations.
- Provide all necessary mounting hardware, connectors, adapters, and interconnects for a complete and functional system.

Installation and Integration

- Perform installation, mounting, and alignment of all ELEC / AV equipment in accordance with manufacturer instructions and approved shop drawings.
- Route, terminate, and label all signal, control, and power cables in accordance with EIA/TIA 568 and 569B standards.
- Integrate all components into a cohesive and user-friendly system, ensuring compatibility between devices and networks.
- Configure and program all ELEC / AV control systems, DSPs, and user interfaces for optimal performance and usability.

Testing, Commissioning, and Quality Assurance

- Conduct system testing, calibration, and performance verification for all devices and subsystems.
- Ensure all cabling, terminations, and connections are properly installed, labeled, and tested for continuity, polarity, and signal integrity.
- Provide a final system demonstration to verify full functionality and compliance with design intent.
- Submit detailed test results and commissioning reports for owner review and approval.

Compliance and Safety

- Adhere to all applicable local building codes, electrical regulations, and safety requirements, including OSHA standards.

- Ensure all installations meet fire safety, accessibility, and equipment ventilation requirements.
- Implement necessary dust control, protection, and cleanup procedures during and after installation.

Documentation and Training

- Provide complete as-built drawings, equipment lists, configuration settings, and wiring diagrams in both printed and digital formats.
- Supply operation and maintenance manuals for all installed systems and components.
- Conduct user orientation and hands-on training sessions for end-users and facility staff, covering operation, basic troubleshooting, and maintenance procedures.
- Provide post-installation technical support for a defined warranty period as specified in the contract.

Warranty and Post-Installation Support

- Provide a minimum one-year warranty on all workmanship and supplied equipment, unless otherwise specified.
- Respond to any service or warranty calls within an agreed-upon timeframe.
- Offer optional ongoing maintenance or service agreements to ensure continued performance.

Equipment & Materials List

- Epson {V11HA25020} PowerLite L730U Laser Projector (Qty 1)
- Motorized Projection Screen 164" Diagonal, 16:10 HD Format (Qty 1)
- Middle Atlantic {UD3} 3 Space Utility Drawer (Qty 1)
- Middle Atlantic {SS} SLIDING SHELF, HEAVY DUTY (Qty 1)
- Da-Lite {34468L} COSMO 164D 87X139NPA MW (Qty 1)
- Da-Lite {44509} Wireless Mic System, 1x Handheld (Qty 2)
- Extron {60-1005-02} MLC 62 RS D (Qty 1)
- Extron {60-1244-01} XPA 4002 TWO CHANNEL AMP 400 WATTS (Qty 1)
- Middle Atlantic (PWR-9-RPM) HORIZONTAL POWER DISTRIBUTION 9 OUTLET, 15AMP (Qty 1)
- ROLLS {RM89} Rackmount Audio Mixer (Qty 1)
- Technical Pro {BLUEDECK2} Rackmount Bluetooth Receiver (Qty 1)
- Kramer Electronics {C-HM/HM-35} CABLE (Qty 2)
- Kramer Electronics {C-HM/HM-6} HDMI TO HDMI CABLE 6’ (Qty 1)
- Shure {SM58S} CARDIOID DYNAMIC, ON-OFF SWITCH (Qty 2)
- Covid, Inc. {EHB-220-W} HDBaseT Set, HDMI 4K, 18G, Tx-WP+ Rx-Box (Qty 1)
- Covid, Inc. {VP-CSP1425-06} RCA to 3.5MM Stereo Cable (Qty 1)
- Covid, Inc. {C6-RJ-B-100} Cat 6, RJ45 to RJ45, Blue Jacket, 100ft (Qty 1)
- Covid, Inc. {C6-RJ-BK-100} at 6, RJ45 to RJ45, Black Jacket, 100ft (Qty 1)
- Covid, Inc. {C6-RJ-W-100} at 6, RJ45 to RJ45, White Jacket, 100ft (Qty 1)
- Covid, Inc. {THB-200} HDBaseT Set, THB-200 + RBH-200 (Qty 1)
- Covid, Inc. {EHW-200} Wireless HDMI to HDMI Extender Set, 4K (Qty 1)
- Covid, Inc. {SH41-220} Switcher, HDMI 2.0, 4x1, 18G, Audio Extractor (Qty 1)
- Covid, Inc. {QT-C-4703} Custom Rack Panel (Qty 1)
- Covid, Inc. {USB-AB-06} USB 2.0 Cable, A-Male to B-Male, 6ft (Qty 1)
- Covid, Inc. {MC-HD2S-18IN} Micro Slim Line HDMI Cable, 4K, 18G, 18in (Qty 4)
- Covid, Inc. {MC-HD2-06} Slim Line HDMI Cable, 4K, 18G, 6ft (Qty 1)
- Covid, Inc. {EC-HD21-35} HDMI Cable, 4K, 18G, 35ft (Qty 1)
- Covid, Inc. {ADP-HDF-HDF} ADAPTER, HDMI FEMALE TO HDMI FEMALE (Qty 1)
- Covid, Inc. {VP-CSP1455-03} RCA Stereo Audio Cable, Male to Male, 3ft (Qty 1)
- Covid, Inc. {V-USBC-USBAM-06} USB 2.0 Cable, C-Male to A-Male, 6ft (Qty 1)
- Covid, Inc. {PS-USB5V21A} USB Charger, 5V 2.1A, Black (Qty 2)
- Covid, Inc. {PST-0001-04} 6 Outlet Power Strip w/ Surge Suppressor, 4ft (Qty 1)
- Covid, Inc. {CVA0200-12-BULK} 12-2, Unshielded, Bulk Cable (P.P.F. - Qty 250’)
- HOSA {XRM-102} Cable RCA to XLR3M, 2 ft (Qty 2)

Equipment & Materials List Cont.

- HOSA {MCL-103} Microphone Cable, Hosa XLR3F to XLR3M, 3 ft (Qty 2)
- HOSA {MCL-130} Microphone Cable, Hosa XLR3F to XLR3M, 30 ft (Qty 2)
- JBL CONTROL {31-WH) Two-Way, High Output In/Out Loud Speaker (Qty 2)
- Avidex {AVI4000} Misc Material (Qty 1)
- Chief {RPMAU} UNIVERSAL MOUNT (Qty 1)

Comments

- Install the following equipment, 7000 Lumen Laser Projector, replacing existing projector, mount and cabling. Motorized Projection Screen 164" Diagonal, 16:10 HD Format. Wall mounted control for projector and screen. Wall mounted equipment rack at side of stage. 3-Space utility drawers, sliding shelf, sequenced power distributor. Rackmount audio mixer, bluetooth receiver, dual handheld wireless mic system. Power amplifier. Install 2 wall mounted speakers at front of room. Provide user training &all additional materials necessary for a complete system.

D'Arcy Elementary School
VAPA - SOW

Scope of Work – D'Arcy Elementary School, Audiovisual System Supply

Project Overview

Project Title: Multipurpose Room (D'Arcy Elementary School/MPR) Audiovisual System

Project Number: 026-19JB - D'Arcy Elementary School

Location: D'Arcy Elementary School (11645 Elm Ave, Fontana, CA 92337)

The project includes procurement of audiovisual components and related accessories.

General Requirements

- Furnish and supply all audiovisual (AV) equipment, materials, and accessories as specified in the project documentation.
- Coordinate delivery schedules with the owner or designated representative to ensure timely supply of equipment.
- Provide documentation verifying that all products meet specified technical and quality requirements.

Quality Assurance and Compliance

- Ensure that all items are properly packaged, labeled, and protected for transport and storage.
- Provide manufacturer certifications, compliance declarations, and product datasheets upon request.
- All supplied equipment shall be new & factory-sealed
- Adhere to all applicable safety, environmental, and regulatory standards governing the supplied products.

Delivery and Logistics

- Deliver all equipment to the specified project site or designated storage facility in coordination with the owner or project manager.
- Provide advance notice of delivery schedules and any special handling requirements.
- Ensure that all shipments include packing lists, serial numbers, and itemized inventory documentation.
- Inspect all items before shipment to confirm completeness and condition.

Documentation and Support

- Provide comprehensive product documentation, including user manuals, operation guides, warranty certificates, and configuration specifications.
- Submit detailed equipment lists identifying make, model, part number, and quantity of each supplied item.
- Provide as-built documentation and manufacturer data sheets for all supplied products in both printed and digital formats.

Warranty and Post-Supply Support

- Provide a minimum one-year manufacturer warranty on all supplied equipment unless otherwise specified.
- Assist the owner or installation contractor in warranty registration and claims processes as required.
- Provide post-supply technical assistance related to product performance, configuration, or compatibility for the duration of the warranty period.
- Offer optional extended warranty and maintenance support agreements as available from the manufacturer.

Equipment & Materials List

- Anchor {814200} Portable Sound System With 2 Wireless Handheld Mics and Bluetooth Beacon, Anchor-Air & 2 wireless mics: Handheld (Qty 1)

D'Arcy Elementary School II, VAPA - SOW

Scope of Work – DES, Audiovisual System Supply / Installation

Project Overview

Project Title: Multipurpose Room (DES/MPR) Audiovisual System Installation

Project Number: 025-865.018

Location: D'Arcy Elementary School (11645 Elm Ave, Fontana, CA 92337)

The project includes procurement and installation of audiovisual components and related accessories to create a fully functional presentation and sound system for school use.

General Requirements

- Furnish and install a complete and operational audiovisual (AV) system in accordance with project drawings, specifications, and manufacturer recommendations.
- Coordinate with the owner, architect, IT team, and other trades to ensure seamless integration with existing infrastructure.
- Conduct a pre-installation site survey to verify conditions, power availability, and cabling pathways.
- Provide a detailed installation plan and schedule, subject to owner approval prior to commencement of work.

Equipment Supply

- Supply all audiovisual equipment, components, and accessories as specified or equivalent approved models, including displays, projectors, screens, speakers, microphones, cameras, control systems, cabling, mounts, racks, and associated hardware.
- Ensure all supplied equipment is new, factory-sealed, and compliant with current industry standards and regulations.
- Provide all necessary mounting hardware, connectors, adapters, and interconnects for a complete and functional system.

Installation and Integration

- Perform installation, mounting, and alignment of all ELEC / AV equipment in accordance with manufacturer instructions and approved shop drawings.
- Route, terminate, and label all signal, control, and power cables in accordance with EIA/TIA 568 and 569B standards.
- Integrate all components into a cohesive and user-friendly system, ensuring compatibility between devices and networks.
- Configure and program all ELEC / AV control systems, DSPs, and user interfaces for optimal performance and usability.

Testing, Commissioning, and Quality Assurance

- Conduct system testing, calibration, and performance verification for all devices and subsystems.
- Ensure all cabling, terminations, and connections are properly installed, labeled, and tested for continuity, polarity, and signal integrity.
- Provide a final system demonstration to verify full functionality and compliance with design intent.
- Submit detailed test results and commissioning reports for owner review and approval.

Compliance and Safety

- Adhere to all applicable local building codes, electrical regulations, and safety requirements, including OSHA standards.

- Ensure all installations meet fire safety, accessibility, and equipment ventilation requirements.
- Implement necessary dust control, protection, and cleanup procedures during and after installation.

Documentation and Training

- Provide complete as-built drawings, equipment lists, configuration settings, and wiring diagrams in both printed and digital formats.
- Supply operation and maintenance manuals for all installed systems and components.
- Conduct user orientation and hands-on training sessions for end-users and facility staff, covering operation, basic troubleshooting, and maintenance procedures.
- Provide post-installation technical support for a defined warranty period as specified in the contract.

Warranty and Post-Installation Support

- Provide a minimum one-year warranty on all workmanship and supplied equipment, unless otherwise specified.
- Respond to any service or warranty calls within an agreed-upon timeframe.
- Offer optional ongoing maintenance or service agreements to ensure continued performance.

Equipment & Materials List

- Epson {V11HA25020} PowerLite L730U Laser Projector (Qty 1)
- Da-Lite {40973} SINGLE MOTOR LOW VOLTAGE CONTROL SYSTEM (Qty 1)
- Extron {60-1005-02} MLC 62 RS D (Qty 1)
- Chief {RPMAU} UNIVERSAL MOUNT (Qty 1)
- Kramer Electronics {C-HM/HM-35} CABLE (Qty 2)
- Kramer Electronics {C-HM/HM-6} HDMI TO HDMI CABLE 6’ (Qty 1)
- Covid, Inc. {EHB-220-W} HDBaseT Set, HDMI 4K, 18G, Tx-WP+ Rx-Box (Qty 1)
- Covid, Inc. {THB-200} HDBaseT Set, THB-200 + RBH-200 (Qty 1)
- Covid, Inc. {EHW-200} Wireless HDMI to HDMI Extender Set, 4K (Qty 1)
- Covid, Inc. {SH41-220} Switcher, HDMI 2.0, 4x1, 18G, Audio Extractor (Qty 1)
- Covid, Inc. {QT-C-4703} Custom Rack Panel (Qty 1)
- Covid, Inc. {USB-AB-06} USB 2.0 Cable, A-Male to B-Male, 6ft (Qty 1)
- Covid, Inc. {MC-HD2S-18IN} Micro Slim Line HDMI Cable, 4K, 18G, 18in (Qty 4)
- Covid, Inc. {PS-USB5V21A} USB Charger, 5V 2.1A, Black (Qty 1)
- Covid, Inc. {PST-0001-04} 6 Outlet Power Strip w/ Surge Suppressor, 4ft (Qty 1)

Comments

- Install the following equipment: 7000 Lumen Laser Projector, replacing existing projector, mount and cabling. Wall mounted Control for Projector and Screen. Provide user training and all additional materials necessary for a complete system.

Grant Elementary School VAPA - SOW

Scope of Work – Grant Elementary School, Audiovisual System Supply / Installation

Project Overview

Project Title: Multipurpose Room (Grant Elementary School/MPR) Audiovisual System Installation

Project Number: 026-19JB - Grant Elementary School

Location: Grant Elementary School (550 W Olive St, Colton, CA 92324)

The project includes procurement and installation of audiovisual components and related accessories to create a fully functional presentation and sound system for school use.

General Requirements

- Furnish and install a complete and operational audiovisual (AV) system in accordance with project drawings, specifications, and manufacturer recommendations.
- Coordinate with the owner, architect, IT team, and other trades to ensure seamless integration with existing infrastructure.
- Conduct a pre-installation site survey to verify conditions, power availability, and cabling pathways.
- Provide a detailed installation plan and schedule, subject to owner approval prior to commencement of work.

Equipment Supply

- Supply all audiovisual equipment, components, and accessories as specified or equivalent approved models, including displays, projectors, screens, speakers, microphones, cameras, control systems, cabling, mounts, racks, and associated hardware.
- Ensure all supplied equipment is new, factory-sealed, and compliant with current industry standards and regulations.
- Provide all necessary mounting hardware, connectors, adapters, and interconnects for a complete and functional system.

Installation and Integration

- Perform installation, mounting, and alignment of all ELEC / AV equipment in accordance with manufacturer instructions and approved shop drawings.
- Route, terminate, and label all signal, control, and power cables in accordance with EIA/TIA 568 and 569B standards.
- Integrate all components into a cohesive and user-friendly system, ensuring compatibility between devices and networks.
- Configure and program all ELEC / AV control systems, DSPs, and user interfaces for optimal performance and usability.

Testing, Commissioning, and Quality Assurance

- Conduct system testing, calibration, and performance verification for all devices and subsystems.
- Ensure all cabling, terminations, and connections are properly installed, labeled, and tested for continuity, polarity, and signal integrity.
- Provide a final system demonstration to verify full functionality and compliance with design intent.
- Submit detailed test results and commissioning reports for owner review and approval.

Compliance and Safety

- Adhere to all applicable local building codes, electrical regulations, and safety requirements, including OSHA standards.
- Ensure all installations meet fire safety, accessibility, and equipment ventilation requirements.
- Implement necessary dust control, protection, and cleanup procedures during and after installation.

Documentation and Training

- Provide complete as-built drawings, equipment lists, configuration settings, and wiring diagrams in both printed and digital formats.
- Supply operation and maintenance manuals for all installed systems and components.
- Conduct user orientation and hands-on training sessions for end-users and facility staff, covering operation, basic troubleshooting, and maintenance procedures.
- Provide post-installation technical support for a defined warranty period as specified in the contract.

Warranty and Post-Installation Support

- Provide a minimum one-year warranty on all workmanship and supplied equipment, unless otherwise specified.
- Respond to any service or warranty calls within an agreed-upon timeframe.
- Offer optional ongoing maintenance or service agreements to ensure continued performance.

Equipment & Materials List

- Epson {V11HA25020} PowerLite L730U Laser Projector (Qty 1)
- Chief {CMS003} Fixed Pipe 3” (Qty 1)
- Middle Atlantic {UTR1} 1SP UNIV. HALF RACK SHELF (Qty 1)
- Da-Lite {40973} SINGLE MOTOR LOW VOLTAGE CONTROL SYSTEM (Qty 1)
- Da-Lite {44509} Wireless Mic System, 1x Handheld (Qty 2)
- Middle Atlantic {UD3} 3 Space Utility Drawer (Qty 1)
- Middle Atlantic {SS} SLIDING SHELF, HEAVY DUTY (Qty 1)
- Extron {60-1005-02} MLC 62 RS D (Qty 1)
- Chief {RPMAUW} UNIVERSAL MOUNT (Qty 1)
- Chief {CMS440} 8” Ceiling Plate W/one Slot (Qty 1)
- ROLLS {RM89} Rackmount Audio Mixer (Qty 1)
- Technical Pro {BLUEDECK2} Rackmount Bluetooth Receiver (Qty 1)
- Kramer Electronics {C-HM/HM-35} CABLE (Qty 2)
- Kramer Electronics {C-HM/HM-6} HDMI TO HDMI CABLE 6’ (Qty 1)
- Shure {SM58S} CARDIOID DYNAMIC, ON-OFF SWITCH (Qty 2)
- Covid, Inc. {EHB-220-W} HDBaseT Set, HDMI 4K, 18G, Tx-WP+ Rx-Box (Qty 1)
- Covid, Inc. {VP-CSP1425-06} RCA to 3.5MM Stereo Cable (Qty 2)
- Covid, Inc. {C6-RJ-BLK-75} Cat 6, RJ45 to RJ45, Black Jacket, 75ft (Qty 2)
- Covid, Inc. {THB-200} HDBaseT Set, THB-200 + RBH-200 (Qty 1)
- Covid, Inc. {EHW-200} Wireless HDMI to HDMI Extender Set, 4K (Qty 1)
- Covid, Inc. {SH41-220} Switcher, HDMI 2.0, 4x1, 18G, Audio Extractor (Qty 1)
- Covid, Inc. {QT-C-4703} Custom Rack Panel (Qty 1)
- Covid, Inc. {USB-AB-06} USB 2.0 Cable, A-Male to B-Male, 6ft (Qty 1)
- Covid, Inc. {MC-HD2S-18IN} Micro Slim Line HDMI Cable, 4K, 18G, 18in (Qty 4)
- Covid, Inc. {VP-CSP1455-03} RCA Stereo Audio Cable, Male to Male, 3ft (Qty 2)
- Covid, Inc. {PS-USB5V21A} USB Charger, 5V 2.1A, Black (Qty 4)
- Covid, Inc. {PST-0001-04} 6 Outlet Power Strip w/ Surge Suppressor, 4ft (Qty 1)
- Covid, Inc. {CVA0200-12-BULK} 12-2, Unshielded, Bulk Cable (P.P.F. - Qty 250’)
- HOSA Technology {MSB-521BK} 72" Microphone stand with 36" Boom (Qty 2)
- HOSA {MBL-105} Economy Microphone Cable, Hosa XLR3F to XLR3M, 5ft (Qty 2)

Equipment & Materials List Cont.

- HOSA {MCL-130} Microphone Cable, Hosa XLR3F to XLR3M, 30 ft (Qty 2)
- Crown {NCDi1000} 2X500W Power Amplifier (Qty 1)
- JBL CONTROL {26CT} Ceiling Speakers (Qty 8)

Comments

- Remove existing screen and hanging speakers. Install new owner furnished Dalite 99778 screen in place of removed unit. Remove the old sound system and install the new upgraded system. Install new projector and ceiling mounted speakers.

Grimes Elementary School
VAPA - SOW

Scope of Work – Grimes Elementary School, Audiovisual System Supply / Installation

Project Overview

Project Title: Multipurpose Room (Grimes Elementary School/MPR) Audiovisual System Installation

Project Number: 026-19JB - Grimes Elementary School

Location: Grimes Elementary School (1609 Spruce Ave, Bloomington, CA 92316)

The project includes procurement and installation of audiovisual components and related accessories to create a fully functional presentation and sound system for school use.

General Requirements

- Furnish and install a complete and operational audiovisual (AV) system in accordance with project drawings, specifications, and manufacturer recommendations.
- Coordinate with the owner, architect, IT team, and other trades to ensure seamless integration with existing infrastructure.
- Conduct a pre-installation site survey to verify conditions, power availability, and cabling pathways.
- Provide a detailed installation plan and schedule, subject to owner approval prior to commencement of work.

Equipment Supply

- Supply all audiovisual equipment, components, and accessories as specified or equivalent approved models, including displays, projectors, screens, speakers, microphones, cameras, control systems, cabling, mounts, racks, and associated hardware.
- Ensure all supplied equipment is new, factory-sealed, and compliant with current industry standards and regulations.
- Provide all necessary mounting hardware, connectors, adapters, and interconnects for a complete and functional system.

Installation and Integration

- Perform installation, mounting, and alignment of all ELEC / AV equipment in accordance with manufacturer instructions and approved shop drawings.
- Route, terminate, and label all signal, control, and power cables in accordance with EIA/TIA 568 and 569B standards.
- Integrate all components into a cohesive and user-friendly system, ensuring compatibility between devices and networks.
- Configure and program all ELEC / AV control systems, DSPs, and user interfaces for optimal performance and usability.

Testing, Commissioning, and Quality Assurance

- Conduct system testing, calibration, and performance verification for all devices and subsystems.
- Ensure all cabling, terminations, and connections are properly installed, labeled, and tested for continuity, polarity, and signal integrity.
- Provide a final system demonstration to verify full functionality and compliance with design intent.
- Submit detailed test results and commissioning reports for owner review and approval.

Compliance and Safety

- Adhere to all applicable local building codes, electrical regulations, and safety requirements, including OSHA standards.
- Ensure all installations meet fire safety, accessibility, and equipment ventilation requirements.
- Implement necessary dust control, protection, and cleanup procedures during and after installation.

Documentation and Training

- Provide complete as-built drawings, equipment lists, configuration settings, and wiring diagrams in both printed and digital formats.
- Supply operation and maintenance manuals for all installed systems and components.
- Conduct user orientation and hands-on training sessions for end-users and facility staff, covering operation, basic troubleshooting, and maintenance procedures.
- Provide post-installation technical support for a defined warranty period as specified in the contract.

Warranty and Post-Installation Support

- Provide a minimum one-year warranty on all workmanship and supplied equipment, unless otherwise specified.
- Respond to any service or warranty calls within an agreed-upon timeframe.
- Offer optional ongoing maintenance or service agreements to ensure continued performance.

Equipment & Materials List

- Epson {V11HA25020} PowerLite L730U Laser Projector (Qty 1)
- Motorized Projection Screen 164" Diagonal, 16:10 HD Format (Qty 1)
- Middle Atlantic {DWR-16-17PD} 16 Space 17 D Wallrack with Plexi (Qty 1)
- Da-Lite {44509} Wireless Mic System, 1x Handheld (Qty 2)
- Da-Lite {34468L} COSMO 164D 87X139NPA MW (Qty 1)
- Chief {CMS024W} FIXED PIPE 24" (Qty 1)
- Middle Atlantic {SS} SLIDING SHELF, HEAVY DUTY (Qty 1)
- Middle Atlantic {UD3} 3 Space Utility Drawer (Qty 2)
- Extron {60-1005-02} MLC 62 RS D (Qty 1)
- Chief {RPMAUW} Universal Mount (Qty 1)
- Chief {CMA395W} ANGLED CEILING PLATE (Qty 1)
- Middle Atlantic {PWR-9-RPM} HORIZONTAL POWER DISTRIBUTION 9 OUTLET, 15Amp (Qty 1)
- ROLLS {RM89} Rackmount Audio Mixer (Qty 1)
- Technical Pro {BLUEDECK2} Rackmount Bluetooth Receiver (Qty 1)
- Kramer Electronics {C-HM/HM-35} CABLE (Qty 2)
- Kramer Electronics {C-HM/HM-6} HDMI TO HDMI CABLE 6’ (Qty 1)
- Shure {SM58S} CARDIOID DYNAMIC, ON-OFF SWITCH (Qty 2)
- Covid, Inc. {EHB-220-W} HDBaseT Set, HDMI 4K, 18G, Tx-WP+ Rx-Box (Qty 1)
- Covid, Inc. {VP-CSP1425-06} RCA to 3.5MM Stereo Cable (Qty 1)
- Covid, Inc. {C6-RJ-B-100} Cat 6, RJ45 to RJ45, Blue Jacket, 100ft (Qty 1)
- Covid, Inc. {C6-RJ-BK-100} at 6, RJ45 to RJ45, Black Jacket, 100ft (Qty 1)
- Covid, Inc. {C6-RJ-W-100} at 6, RJ45 to RJ45, White Jacket, 100ft (Qty 1)
- Covid, Inc. {THB-200} HDBaseT Set, THB-200 + RBH-200 (Qty 1)
- Covid, Inc. {EHW-200} Wireless HDMI to HDMI Extender Set, 4K (Qty 1)
- Covid, Inc. {SH41-220} Switcher, HDMI 2.0, 4x1, 18G, Audio Extractor (Qty 1)
- Covid, Inc. {QT-C-4703} Custom Rack Panel 2-XLR, 1-3,5mm (Qty 1)
- Covid, Inc. {QT-C-4878} Custom Rack Panel 1 RU Flat BA, Speakers 1-4, 3', 12awg, NL2 (Qty 1)
- Covid, Inc. {USB-AB-06} USB 2.0 Cable, A-Male to B-Male, 6ft (Qty 1)
- Covid, Inc. {MC-HD2S-18IN} Micro Slim Line HDMI Cable, 4K, 18G, 18in (Qty 4)
- Covid, Inc. {MC-HD2-06} Slime Line HDMI Cable, 4K, 18G, 6ft (Qty 1)

Equipment & Materials List Cont.

- Covid, Inc. {EC-HD21-35} HDMI Cable, 4K, 18G, 35ft (Qty 1)
- Covid, Inc. {ADP-HDF-HDF} ADAPTER, HDMI FEMALE TO HDMI FEMALE (Qty 1)
- Covid, Inc. {VP-CSP1455-03} RCA Stereo Audio Cable, Male to Male, 3ft (Qty 1)
- Covid, Inc. {V-USBC-USBAM-06} USB 2.0 Cable, C-Male to A-Male, 6ft (Qty 1)
- Covid, Inc. {PS-USB5V21A} USB Charger, 5V 2.1A, Black (Qty 2)
- Covid, Inc. {PST-0001-04} 6 Outlet Power Strip w/ Surge Suppressor, 4ft (Qty 1)
- Covid, Inc. {CVA0200-12-BULK} 12-2, Unshielded, Bulk Cable (P.P.F. - Qty 250')
- HOSA Technology {MSB-521BK} 72" Microphone stand with 36" Boom (Qty 2)
- HOSA {MBL-105} Economy Microphone Cable, Hosa XLR3F to XLR3M, 5ft (Qty 6)
- HOSA {MCL-103} Microphone Cable, Hosa XLR3F to XLR3M, 3 ft (Qty 2)
- HOSA {MCL-130} Microphone Cable, Hosa XLR3F to XLR3M, 30 ft (Qty 2)
- HOSA {XRM-102} Cable RCA to XLR3M, 2ft (Qty 2)
- Monoprice {42620} USB-C Charger, 40W 2-port (Qty 2)
- Monoprice {38917} Select Charge & Sync USB-C to USB-C Cable USB 2.0 TPE Jacket Up to 3A/60W 6ft Black (Qty 3)
- Monoprice {665} 6ft 3.5mm Stereo Plug/2 RCA Plug Cable, Black (Qty 1)
- Monoprice {659} 6ft 28AWG 2 RCA Plug/2 RCA Plug M/M Cable, Black (Qty 1)
- QSC {GX5} 2 CHANNEL X 500W AMPLIFIER (Qty 1)
- BL CONTROL {31-WH} Two-Way,Hi Output In/Out Loudspk (Qty 2)

Comments

- Install the following equipment, 7000 Lumen Laser Projector, replacing existing projector, mount and cabling. Motorized Projection Screen 164" Diagonal, 16:10 HD Format Wall mounted Control for Projector and Screen. Wall mounted Equipment Rack at side of stage. Install unistrut backing to raise above half wall near front side of stage area. 3-Space utility drawers, Sliding Shelf, Sequenced Power Distributor Rackmount Audio Mixer, Bluetooth Receiver, Dual Handheld Wireless Mic System Power Amplifier. Install 2 wall mounted speakers in front of the room. Convert existing Sound System housed in existing Portable Rack to a portable outdoor Sound System. Provide user training and all additional materials necessary for a complete system.

Grand Terrace High School
VAPA - SOW

Scope of Work – Grand Terrace High School, Audiovisual System Supply / Installation

Project Overview

Project Title: Auditorium (Grand Terrace High School/AUD) Audiovisual System Installation

Project Number: 026-19JB Grant Terrace High School

Location: Grand Terrace High School (21810 Main St, Grand Terrace, CA 92313)

The project includes procurement and installation of audiovisual components and related accessories to create a fully functional presentation and sound system for school use.

General Requirements

- Furnish and install a complete and operational audiovisual (AV) system in accordance with project drawings, specifications, and manufacturer recommendations.
- Coordinate with the owner, architect, IT team, and other trades to ensure seamless integration with existing infrastructure.
- Conduct a pre-installation site survey to verify conditions, power availability, and cabling pathways.
- Provide a detailed installation plan and schedule, subject to owner approval prior to commencement of work.

Equipment Supply

- Supply all audiovisual equipment, components, and accessories as specified or equivalent approved models, including displays, projectors, screens, speakers, microphones, cameras, control systems, cabling, mounts, racks, and associated hardware.
- Ensure all supplied equipment is new, factory-sealed, and compliant with current industry standards and regulations.
- Provide all necessary mounting hardware, connectors, adapters, and interconnects for a complete and functional system.

Installation and Integration

- Perform installation, mounting, and alignment of all ELEC / AV equipment in accordance with manufacturer instructions and approved shop drawings.
- Route, terminate, and label all signal, control, and power cables in accordance with EIA/TIA 568 and 569B standards.
- Integrate all components into a cohesive and user-friendly system, ensuring compatibility between devices and networks.
- Configure and program all ELEC / AV control systems, DSPs, and user interfaces for optimal performance and usability.

Testing, Commissioning, and Quality Assurance

- Conduct system testing, calibration, and performance verification for all devices and subsystems.
- Ensure all cabling, terminations, and connections are properly installed, labeled, and tested for continuity, polarity, and signal integrity.
- Provide a final system demonstration to verify full functionality and compliance with design intent.
- Submit detailed test results and commissioning reports for owner review and approval.

Compliance and Safety

- Adhere to all applicable local building codes, electrical regulations, and safety requirements, including OSHA standards.
- Ensure all installations meet fire safety, accessibility, and equipment ventilation requirements.
- Implement necessary dust control, protection, and cleanup procedures during and after installation.

Documentation and Training

- Provide complete as-built drawings, equipment lists, configuration settings, and wiring diagrams in both printed and digital formats.
- Supply operation and maintenance manuals for all installed systems and components.
- Conduct user orientation and hands-on training sessions for end-users and facility staff, covering operation, basic troubleshooting, and maintenance procedures.
- Provide post-installation technical support for a defined warranty period as specified in the contract.

Warranty and Post-Installation Support

- Provide a minimum one-year warranty on all workmanship and supplied equipment, unless otherwise specified.
- Respond to any service or warranty calls within an agreed-upon timeframe.
- Offer optional ongoing maintenance or service agreements to ensure continued performance.

Equipment & Materials List

- Epson {V11HA65920} EB-PU2113W PROJECTOR 13K LUMEN WHITE (Qty 1)
- Epson {V12H004M0F} ELPLM15 MIDDLE THROW LENS (Qty 1)
- Chief {VMCU} UNIVERSAL MOUNT (Qty 1)
- Chief {CMS003} Fixed Pipe 3” (Qty 1)
- Chief {CMA110W} 8" CEILING PLATE White (Qty 1)
- Middle Atlantic {DWR-24-17} 24SP SECTIONAL WALL RACK (Qty 1)
- Middle Atlantic {FD-24} RACK FRONT DOOR (Qty 1)
- Middle Atlantic {UD4} 4SP UTIL. DRAWER.BLK (Qty 1)
- Middle Atlantic {SS} SLIDING SHELF, HEAVY DUTY (Qty 1)
- Middle Atlantic {PDS-615R} SEQUENCED POWER STRIP (Qty 1)
- Middle Atlantic {PDT-1615C-NS} PD THIN 1.15A 16 OUT CORD (Qty 1)
- Middle Atlantic {VT1} RACK VENT (Qty 6)
- Middle Atlantic {RC-2} 2 SPACE (3 1/2") CLAMPING RACKSHELF (Qty 1)
- Middle Atlantic {EB2} 2 SPACE BLANK PANEL (Qty 1)
- ROLLS {RM89} 8 CH MIC/LINE MIXER (Qty 1)
- ROLLS {HR187} HR187 Bluetooth Audio DI (Qty 1)
- ROLLS {HR271} HR271 Filler Panel for RMS 270 (Qty 1)
- ROLLS {RMS270} Tray Rackmount Kit for Rolls HR Series (Qty 1)
- Shure {SLXD24D/SM58-G58} DUAL HH SYS W/ SM58 MIC 470-514MHZ (Qty 1)
- Shure {SM58S} CARDIOID DYNAMIC, ON-OFF SWITCH (Qty 2)
- Shure {KSM137/SL Stereo} KSM137 STEREO PAIR, INCLUDES TWO KSM137, TWO FOAM WINDSCREEN (Qty 1)
- Shure {SLXD14D-G58} DUAL COMBO SYSTEM W/2 SLXD1 BODYPACKS (Qty 5)
- Shure {SLXD14D-H55} Dual Combo Wireless Mic System (Qty 5)
- Shure {MX153T/O-TQG} MICROFLEX OMNI EARSET (Qty 20)
- Shure {UA844+SWB} ANTENNA DISTRIBUTION (Qty 3)
- Shure {UA850} ANTENNA CABLE 50 FT (Qty 2)
- Shure {UA864US} AWIDEBAND ANTENNA (Qty 2)
- Shure {SBC203-US} DUAL DOCKING STATION FOR SLX-D TRANSMITTERS & SB903 BATTERY (Qty 11)
- Shure {SB903} LITHIUM-ION BATTERY FOR SLX-D (Qty 22)

Equipment & Materials List Cont.

- SP CONTROLS {PXE-DCM-PLUS} Device Control Module (Qty 2)
- SP CONTROLS {PXE-EMIT-REL2} PIXIEPLUS 2 - RELAY OUTPUT EMITTER (Qty 1)
- Covid, Inc. {EHB-232-W} HDBaseT Set, HDMI + USB-C, 4K, Tx-WP+ Rx-Box (Qty 2)
- Covid, Inc. {THB-200} HDBASET TX, HDMI (Qty 1)
- Covid, Inc. {QT-C-5243-01} Custom Rack Panel (Qty 2)
- Covid, Inc. {SH41-220} Switcher, HDMI 2.0, 4x1, 18G, Audio Extractor (Qty 1)
- Covid, Inc. {ECW-200} WIRELESS USB-C TO HDMI EXTENDER SET, 4K (Qty 1)
- Covid, Inc. {QT-C-5092} Custom Rack Panel (Qty 1)
- Covid, Inc. {C6-BLK-1KB} Cat 6, 550 MHz, Black Jacket, 1,000' Box (Qty 1)
- Covid, Inc. {MC-HD2S-18IN} MICRO SLIM LINE HDMI CABLE, 4K, 18G, 18IN (Qty 8)
- Covid, Inc. {MC-HD2-06} SLIM LINE HDMI CABLE, 4K, 18G, 6FT (Qty 4)
- Covid, Inc. {EC-HD21-35} HDMI CABLE, 4K, 18G, 35FT (Qty 1)
- Covid, Inc. {CVA0200-12-1KR} 12-2, UNSHIELDED, 1,000' REEL (Qty 1)
- Covid, Inc. {CSP-3400-22-1KR} (2) 22-2 Individually Shielded TP Plenum 1000 Reel (Qty 1)
- HOSA Technology {XLR-803} BALANCED SNAKE XLR3F TO XLR3M (Qty 3)
- Monoprice {35811} Audio Cable (Qty 2)
- Monoprice {35315} Balanced Mic Cable (Qty 2)
- Monoprice {35320} Pro Mic Cable (Qty 6)
- Monoprice {42620} USB-C CHARGER 40W 2-PORT (Qty 2)
- Monoprice {38917} USB-C Cable (Qty 3)
- Monoprice {665} 6FT 3.5MM STEREO PLUG/2 RCA PLUG CABLE, BLACK (Qty 1)
- Monoprice {659} 6FT 28AWG 2 RCA PLUG/ 2 RCA PLUG M/M CABLE, BLACK (Qty 1)
- CROWN {DCi2X1250N} 2-CH DSP Power Amp (Qty 2)
- JBL {CBT 1000} HIGH OUTPUT TWO-WAY LINE ARRAY COLUMN (Qty 2)
- JBL {CBT 1000E} EXTENSION FOR CBT 1000 LINE ARRAY (Qty 2)
- JBL {C2PS} CONTROL 2P 2-SPEAKER SYSTEM (Qty 1)
- JBL {MTC-2P} MOUNTING KIT FOR C2PS (Qty 1)
- JBL {EON712} 12" POWERED LOUDSPEAKER (Qty 2)
- Da-Lite {40973} SINGLE MOTOR LOW VOLTAGE CONTROL SYSTEM (Qty 1)
- EARTEC {EAR-HUB-8s} Professional Full Duplex Wireless Intercom System for 8 people (Qty 1)
- Avidex {AVI4000} Indirect Materials (Qty 1)

Comments

- N/A

Joe Baca Middle School
VAPA - SOW

Scope of Work – Joe Baca Middle School, Audiovisual System Supply / Installation

Project Overview

Project Title: Theater (Joe Baca Middle School/THR) Audiovisual System Installation

Project Number: 026-19JB - Joe Baca Middle School

Location: Joe Baca Middle School (1640 S Lilac Ave, Bloomington, CA 92316)

The project includes procurement and installation of audiovisual components and related accessories to create a fully functional presentation and sound system for school use.

General Requirements

- Furnish and install a complete and operational audiovisual (AV) system in accordance with project drawings, specifications, and manufacturer recommendations.
- Coordinate with the owner, architect, IT team, and other trades to ensure seamless integration with existing infrastructure.
- Conduct a pre-installation site survey to verify conditions, power availability, and cabling pathways.
- Provide a detailed installation plan and schedule, subject to owner approval prior to commencement of work.

Equipment Supply

- Supply all audiovisual equipment, components, and accessories as specified or equivalent approved models, including displays, projectors, screens, speakers, microphones, cameras, control systems, cabling, mounts, racks, and associated hardware.
- Ensure all supplied equipment is new, factory-sealed, and compliant with current industry standards and regulations.
- Provide all necessary mounting hardware, connectors, adapters, and interconnects for a complete and functional system.

Installation and Integration

- Perform installation, mounting, and alignment of all ELEC / AV equipment in accordance with manufacturer instructions and approved shop drawings.
- Route, terminate, and label all signal, control, and power cables in accordance with EIA/TIA 568 and 569B standards.
- Integrate all components into a cohesive and user-friendly system, ensuring compatibility between devices and networks.
- Configure and program all ELEC / AV control systems, DSPs, and user interfaces for optimal performance and usability.

Testing, Commissioning, and Quality Assurance

- Conduct system testing, calibration, and performance verification for all devices and subsystems.
- Ensure all cabling, terminations, and connections are properly installed, labeled, and tested for continuity, polarity, and signal integrity.
- Provide a final system demonstration to verify full functionality and compliance with design intent.
- Submit detailed test results and commissioning reports for owner review and approval.

Compliance and Safety

- Adhere to all applicable local building codes, electrical regulations, and safety requirements, including OSHA standards.

- Ensure all installations meet fire safety, accessibility, and equipment ventilation requirements.
- Implement necessary dust control, protection, and cleanup procedures during and after installation.

Documentation and Training

- Provide complete as-built drawings, equipment lists, configuration settings, and wiring diagrams in both printed and digital formats.
- Supply operation and maintenance manuals for all installed systems and components.
- Conduct user orientation and hands-on training sessions for end-users and facility staff, covering operation, basic troubleshooting, and maintenance procedures.
- Provide post-installation technical support for a defined warranty period as specified in the contract.

Warranty and Post-Installation Support

- Provide a minimum one-year warranty on all workmanship and supplied equipment, unless otherwise specified.
- Respond to any service or warranty calls within an agreed-upon timeframe.
- Offer optional ongoing maintenance or service agreements to ensure continued performance.

Equipment & Materials List

- Epson {V11HA52920} EB-PU2010W WUXGA 10K LUMEN WHITE (Qty 1)
- Epson {V12H004M0F} ELPLM15 MIDDLE THROW LENS (Qty 1)
- Chief {CMS018W} Fixed Pipe 18” (Qty 1)
- Middle Atlantic {EWR-16-17SD} 16SP/17D ECONO WALL RACK, BK, DR (Qty 1)
- Middle Atlantic {UD3} 3 SPACE UTILITY DRAWER (Qty 1)
- Middle Atlantic {SS} SLIDING SHELF, HEAVY DUTY (Qty 1)
- Middle Atlantic {HP500} RACK SCREWS (500 PACK) (Qty 1)
- Middle Atlantic {UTR1} 1SP UNIV. HALF RACK SHELF (Qty 1)
- Da-Lite {44509} Wireless Mic System, 1x Handheld (Qty 4)
- Da-Lite {70283L} LARGE COSMOPOLITAN ELECTROL SCREEN (Qty 1)
- Da-Lite {77027} FLOATING MOUNTING BRACKET (WHT) (Qty 1)
- Da-Lite {40973E} SINGLE MOTOR LOW VOLTAGE CONTROL, 220VOLT, WHITE (WHT) (Qty 1)
- Extron {60-1005-02} MLC 62 RS D (Qty 1)
- Chief {VCMUW} Heavy Duty Custom Projector Mount (Qty 1)
- Chief {CMA110W} 8" CEILING PLATE WHITE (Qty 1)
- Chief {CMS440} 8" CEILING PLATE W/ONE SLOT (Qty 1)
- Middle Atlantic {PDS-615R} SEQUENCED POWER STRIP (Qty 1)
- RDL {TX-70A} 70V INPUT INTERFACE (Qty 11)
- ROLLS {RM89} Rackmount Audio Mixer (Qty 1)
- Technical Pro {BLUEDECK2} Rackmount Bluetooth Receiver (Qty 1)
- Kramer Electronics {C-HM/HM-35} CABLE (Qty 1)
- Kramer Electronics {C-HM/HM-15} HDMI TO HDMI CABLE 15’ (Qty 1)
- Shure {SM58S} CARDIOID DYNAMIC, ON-OFF SWITCH (Qty 2)
- Covid, Inc. {EHB-220-W} HDBaseT Set, HDMI 4K, 18G, Tx-WP+ Rx-Box (Qty 1)
- Covid, Inc. {VP-CSP1425-06} RCA to 3.5MM Stereo Cable (Qty 2)
- Covid, Inc. {C6-BLU-1KR} Cat 6, 550 MHz, Blue Jacket, Plenum, 1,000' Reel (Qty 1)
- Covid, Inc. {CVA0200-12-1KR} 12-2, Unshielded, 1,000' Reel (Qty 1)
- Covid, Inc. {THB-200} HDBaseT Tx, HDMI (Qty 1)
- Covid, Inc. {SH41-220} Switcher, HDMI 2.0, 4x1, 18G, Audio Extractor (Qty 1)
- Covid, Inc. {QT-C-4703} Custom Rack Panel 1ru, Bk (Qty 1)
- Covid, Inc. {USB-AB-06} USB 2.0 Cable, A-Male to B-Male, 6ft (Qty 1)
- Covid, Inc. {MC-HD2-10} Slim Line HDMI Cable, 4K, 18G, 10ft (Qty 1)
- Covid, Inc. {MC-HD2-03} Slim Line HDMI Cable, 4K, 18G, 3ft (Qty 5)
- Covid, Inc. {CSP1455-22-50} RCA Stereo Cable, Male to Male, 50ft (Qty 1)

Equipment & Materials List Cont.

- Covid, Inc. {CSP1455-06} RCA Stereo Audio Cable, Male to Male, 6ft (Qty 2)
- Covid, Inc. {DH12-220} Splitter, HDMI 2.0, 1X2, w/Aud De-embedder (Qty 1)
- Covid, Inc. {ADP-HDF-HDF} ADAPTER, HDMI FEMALE TO HDMI FEMALE (Qty 1)
- Covid, Inc. {PS-USB5V21A} USB Charger, 5V 2.1A, Black (Qty 1)
- Covid, Inc. {CSP1200-22-1KR} 22-2 Shielded Twisted Pair, 1,000' Reel (Qty 1)
- Covid, Inc. {EHW-200} Wireless HDMI to HDMI Extender Set, 4K (Qty 1)
- C2G {CG20276} 2 Port USB Wall Charger AC to USB 5V4.8A (Qty 1)
- HOSA Technology {MSB-521BK} 72" Microphone stand with 36" Boom (Qty 2)
- HOSA Technology {MBL-105} Economy Microphone Cable, Hosa XLR3F to XLR3M, 5ft (Qty 4)
- HOSA Technology {MBL-125} Economy Microphone Cable, Hosa XLR3F to XLR3M, 25ft (Qty 2)
- HOSA Technology {GXX-145} Gender Changer XLR3F to Same (Qty 2)
- Avidex {AVI4000} MISC MATERIAL (Qty 1)

Comments

- Install new projector and screen. Install new rack and tie into existing sound system. Move the existing system to be viewable in the outside area. Tie indoor system to outdoor system. Build an outdoor system.

Jurupa Vista Elementary
VAPA - SOW

Scope of Work – Jurupa Vista Elementary School, Audiovisual System Supply / Installation

Project Overview

Project Title: Multipurpose Room (Jurupa Vista Elementary School/MPR) Audiovisual System Installation

Project Number: 026-19JB -Jurupa Vista Elementary School

Location: Jurupa Vista Elementary School (15920 Village Dr E, Fontana, CA 92337)

The project includes procurement and installation of audiovisual components and related accessories to create a fully functional presentation and sound system for school use.

General Requirements

- Furnish and install a complete and operational audiovisual (AV) system in accordance with project drawings, specifications, and manufacturer recommendations.
- Coordinate with the owner, architect, IT team, and other trades to ensure seamless integration with existing infrastructure.
- Conduct a pre-installation site survey to verify conditions, power availability, and cabling pathways.
- Provide a detailed installation plan and schedule, subject to owner approval prior to commencement of work.

Equipment Supply

- Supply all audiovisual equipment, components, and accessories as specified or equivalent approved models, including displays, projectors, screens, speakers, microphones, cameras, control systems, cabling, mounts, racks, and associated hardware.
- Ensure all supplied equipment is new, factory-sealed, and compliant with current industry standards and regulations.
- Provide all necessary mounting hardware, connectors, adapters, and interconnects for a complete and functional system.

Installation and Integration

- Perform installation, mounting, and alignment of all ELEC / AV equipment in accordance with manufacturer instructions and approved shop drawings.
- Route, terminate, and label all signal, control, and power cables in accordance with EIA/TIA 568 and 569B standards.
- Integrate all components into a cohesive and user-friendly system, ensuring compatibility between devices and networks.
- Configure and program all ELEC / AV control systems, DSPs, and user interfaces for optimal performance and usability.

Testing, Commissioning, and Quality Assurance

- Conduct system testing, calibration, and performance verification for all devices and subsystems.
- Ensure all cabling, terminations, and connections are properly installed, labeled, and tested for continuity, polarity, and signal integrity.
- Provide a final system demonstration to verify full functionality and compliance with design intent.
- Submit detailed test results and commissioning reports for owner review and approval.

Compliance and Safety

- Adhere to all applicable local building codes, electrical regulations, and safety requirements, including OSHA standards.
- Ensure all installations meet fire safety, accessibility, and equipment ventilation requirements.
- Implement necessary dust control, protection, and cleanup procedures during and after installation.

Documentation and Training

- Provide complete as-built drawings, equipment lists, configuration settings, and wiring diagrams in both printed and digital formats.
- Supply operation and maintenance manuals for all installed systems and components.
- Conduct user orientation and hands-on training sessions for end-users and facility staff, covering operation, basic troubleshooting, and maintenance procedures.
- Provide post-installation technical support for a defined warranty period as specified in the contract.

Warranty and Post-Installation Support

- Provide a minimum one-year warranty on all workmanship and supplied equipment, unless otherwise specified.
- Respond to any service or warranty calls within an agreed-upon timeframe.
- Offer optional ongoing maintenance or service agreements to ensure continued performance.

Equipment & Materials List

- Epson {V11HA25120} POWERLITE L735U FULL HD WUXGA LONG-THROW Laser Projector (Qty 1)
- Middle Atlantic {EWR-16-17SD} 16SP/17D ECONO WLRK,BK,DR (Qty 1)
- Middle Atlantic {UD3} 3 Space Utility Drawer (Qty 2)
- Middle Atlantic {SS} SLIDING SHELF, HEAVY DUTY (Qty 1)
- Da-Lite {44509} Wireless Mic System, 1x Handheld (Qty 15)
- Vaddio {999-85600-000} 2-Way Ceiling Loudspeaker, Pair (Qty 7)
- ICOM {HS95} Headset (Qty 12)
- Anchor Audio {MEGAVOX SYSTEM ECO 1} WIRED MIC 90P & STAND (Qty 2)
- Netally HH Tools {EXT-ANT-TRIBAND} External Directional Tri-Band Antenna (Qty 2)
- Extron {60-1005-02} MLC 62 RS D (Qty 1)
- Shure {UA844+SWB/LC} FIVE WAY ANTENNA SPLITTER (Qty 2)
- Chief {RPMAUW} UNIVERSAL MOUNT (Qty 1)
- Middle Atlantic {PWR-9-RPM} HORIZONTAL POWER DISTRIBUTION 9 OUTLET, 15Amp (Qty 1)
- ROLLS {RM89} Rackmount Audio Mixer (Qty 1)
- Technical Pro {BLUEDECK2} Rackmount Bluetooth Receiver (Qty 1)
- Kramer Electronics {C-HM/HM-35} CABLE (Qty 2)
- Kramer Electronics {C-HM/HM-6} HDMI TO HDMI CABLE 6’ (Qty 1)
- Shure {SM58S} CARDIOID DYNAMIC, ON-OFF SWITCH (Qty 2)
- Shure {UA825} ANTENNA CABLE 25 FT (Qty 2)
- Covid, Inc. {EHB-220-W} HDBaseT Set, HDMI 4K, 18G, Tx-WP+ Rx-Box (Qty 1)
- Covid, Inc. {VP-CSP1425-06} RCA to 3.5MM Stereo Cable (Qty 2)
- Covid, Inc. {C6-RJ-BLK-75} Cat 6, RJ45 to RJ45, Black Jacket, 75ft (Qty 2)
- Covid, Inc. {THB-200} HDBaseT Set, THB-200 + RBH-200 (Qty 1)
- Covid, Inc. {EHW-200} Wireless HDMI to HDMI Extender Set, 4K (Qty 1)
- Covid, Inc. {SH41-220} Switcher, HDMI 2.0, 4x1, 18G, Audio Extractor (Qty 1)
- Covid, Inc. {QT-C-4703} Custom Rack Panel (Qty 1)
- Covid, Inc. {USB-AB-06} USB 2.0 Cable, A-Male to B-Male, 6ft (Qty 1)
- Covid, Inc. {MC-HD2S-18IN} Micro Slim Line HDMI Cable, 4K, 18G, 18in (Qty 4)
- Covid, Inc. {CSP1455-22-50} RCA Stereo Cable, Male to Male, 50ft (Qty 1)
- Covid, Inc. {VP-CSP1455-03} RCA Stereo Audio Cable, Male to Male, 3ft (Qty 1)

Equipment & Materials List Cont.

- Covid, Inc. {PS-USB5V21A} USB Charger, 5V 2.1A, Black (Qty 1)
- Covid, Inc. {PST-0001-04} 6 Outlet Power Strip w/ Surge Suppressor, 4ft (Qty 2)
- Covid, Inc. {CVA0200-14-BULK} 14-2, Unshielded, Bulk Cable (P.P.F. - Qty 250')
- HOSA Technology {MSB-521BK} 72" Microphone stand with 36" Boom (Qty 2)
- HOSA {MBL-105} Economy Microphone Cable, Hosa XLR3F to XLR3M, 5ft (Qty 6)
- HOSA {MCL-130} Microphone Cable, Hosa XLR3F to XLR3M, 30 ft (Qty 2)
- HOSA {MCL-103} Microphone Cable, Hosa XLR3F to XLR3M, 3 ft (Qty 2)
- HOSA {XRM-102} Cable RCA to XLR3M, 2 ft (Qty 2)
- Monoprice {42620} USB-C Charger, 40W 2-port (Qty 2)
- Monoprice {38917} Select Charge & Sync USB-C to USB-C Cable USB 2.0 TPE Jacket Up to 3A/60W 6ft Black (Qty 3)
- Monoprice {665} 6ft 3.5mm Stereo Plug/2 RCA Plug Cable, Black (Qty 1)
- Monoprice {659} 6ft 28AWG 2 RCA Plug/2 RCA Plug M/M Cable, Black (Qty 1)
- Crown {NCDi4000} 2X1200W Power Amplifier (Qty 1)

Comments

- -Install the following equipment, 7000 Lumen Laser Projector, replacing existing projector, mount and cabling.
  -Wall mounted Control for Projector and Screen.
  -Wall mounted Equipment Rack
  -2 3-Space utility drawers, Sliding Shelf, Sequenced Power Distributor
  -Rackmount Audio Mixer, Bluetooth Receiver, 2 Dual Handheld Wireless Mic Systems
  -12 Earset Wireless Mics W/ Bodypack Transmitters
  -Power Amplifier. Install 16 High Power Ceiling Speakers
  -Relocate Motorized Screen to behind stage area
  -Provide user training & all additional materials necessary for a complete system.

Mary B. Lewis Elementary
VAPA - SOW

Scope of Work – Mary B. Lewis Elementary School, Audiovisual System Supply / Installation

Project Overview

Project Title: Multipurpose Room (Mary B. Lewis Elementary School/MPR) Audiovisual System Installation

Project Number: 026-19JB Mary B. Lewis Elementary School

Location: Mary B Lewis Elementary School (18040 San Bernardino Ave, Bloomington, CA 92316)

The project includes procurement and installation of audiovisual components and related accessories to create a fully functional presentation and sound system for school use.

General Requirements

- Furnish and install a complete and operational audiovisual (AV) system in accordance with project drawings, specifications, and manufacturer recommendations.
- Coordinate with the owner, architect, IT team, and other trades to ensure seamless integration with existing infrastructure.
- Conduct a pre-installation site survey to verify conditions, power availability, and cabling pathways.
- Provide a detailed installation plan and schedule, subject to owner approval prior to commencement of work.

Equipment Supply

- Supply all audiovisual equipment, components, and accessories as specified or equivalent approved models, including displays, projectors, screens, speakers, microphones, cameras, control systems, cabling, mounts, racks, and associated hardware.
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- Provide a final system demonstration to verify full functionality and compliance with design intent.
- Submit detailed test results and commissioning reports for owner review and approval.

Compliance and Safety

- Adhere to all applicable local building codes, electrical regulations, and safety requirements, including OSHA standards.
- Ensure all installations meet fire safety, accessibility, and equipment ventilation requirements.
- Implement necessary dust control, protection, and cleanup procedures during and after installation.

Documentation and Training

- Provide complete as-built drawings, equipment lists, configuration settings, and wiring diagrams in both printed and digital formats.
- Supply operation and maintenance manuals for all installed systems and components.
- Conduct user orientation and hands-on training sessions for end-users and facility staff, covering operation, basic troubleshooting, and maintenance procedures.
- Provide post-installation technical support for a defined warranty period as specified in the contract.

Warranty and Post-Installation Support

- Provide a minimum one-year warranty on all workmanship and supplied equipment, unless otherwise specified.
- Respond to any service or warranty calls within an agreed-upon timeframe.
- Offer optional ongoing maintenance or service agreements to ensure continued performance.

Equipment & Materials List

- Epson {V11HA25120} POWERLITE L735U FULL HD WUXGA LONG-THROW Laser Projector (Qty 1)
- Middle Atlantic {EWR-16-17SD} 16SP/17D ECONO WLRK,BK,DR (Qty 1)
- Middle Atlantic {UD3} 3 Space Utility Drawer (Qty 2)
- Middle Atlantic {SS} SLIDING SHELF, HEAVY DUTY (Qty 1)
- Da-Lite {44509} Wireless Mic System, 1x Handheld (Qty 3)
- Vaddio {999-85600-000} 2-Way Ceiling Loudspeaker, Pair (Qty 6)
- Extron {60-1005-02} MLC 62 RS D (Qty 1)
- Chief {RPMAUW} UNIVERSAL MOUNT (Qty 1)
- Middle Atlantic {PWR-9-RPM} HORIZONTAL POWER DISTRIBUTION 9 OUTLET, 15Amp (Qty 1)
- ROLLS {RM89} Rackmount Audio Mixer (Qty 1)
- Technical Pro {BLUEDECK2} Rackmount Bluetooth Receiver (Qty 1)
- Kramer Electronics {C-HM/HM-35} CABLE (Qty 2)
- Kramer Electronics {C-HM/HM-6} HDMI TO HDMI CABLE 6’ (Qty 1)
- Shure {SM58S} CARDIOID DYNAMIC, ON-OFF SWITCH (Qty 2)
- Covid, Inc. {EHB-220-W} HDBaseT Set, HDMI 4K, 18G, Tx-WP+ Rx-Box (Qty 1)
- Covid, Inc. {VP-CSP1425-06} RCA to 3.5MM Stereo Cable (Qty 2)
- Covid, Inc. {C6-RJ-BLK-75} Cat 6, RJ45 to RJ45, Black Jacket, 75ft (Qty 2)
- Covid, Inc. {THB-200} HDBaseT Set, THB-200 + RBH-200 (Qty 1)
- Covid, Inc. {EHW-200} Wireless HDMI to HDMI Extender Set, 4K (Qty 1)
- Covid, Inc. {SH41-220} Switcher, HDMI 2.0, 4x1, 18G, Audio Extractor (Qty 1)
- Covid, Inc. {QT-C-4703} Custom Rack Panel (Qty 1)
- Covid, Inc. {USB-AB-06} USB 2.0 Cable, A-Male to B-Male, 6ft (Qty 1)
- Covid, Inc. {MC-HD2S-18IN} Micro Slim Line HDMI Cable, 4K, 18G, 18in (Qty 4)
- Covid, Inc. {CSP1455-22-50} RCA Stereo Cable, Male to Male, 50ft (Qty 1)
- Covid, Inc. {VP-CSP1455-03} RCA Stereo Audio Cable, Male to Male, 3ft (Qty 1)
- Covid, Inc. {PS-USB5V21A} USB Charger, 5V 2.1A, Black (Qty 1)
- Covid, Inc. {PST-0001-04} 6 Outlet Power Strip w/ Surge Suppressor, 4ft (Qty 2)
- Covid, Inc. {CVA0200-14-BULK} 14-2, Unshielded, Bulk Cable (P.P.F. - Qty 250’)
- HOSA Technology {MSB-521BK} 72" Microphone stand with 36" Boom (Qty 2)
- HOSA {MBL-105} Economy Microphone Cable, Hosa XLR3F to XLR3M, 5ft (Qty 6)

Equipment & Materials List Cont.

- HOSA {MCL-130} Microphone Cable, Hosa XLR3F to XLR3M, 30 ft (Qty 2)
- HOSA {MCL-103} Microphone Cable, Hosa XLR3F to XLR3M, 3 ft (Qty 2)
- HOSA {XRM-102} Cable RCA to XLR3M, 2 ft (Qty 2)
- Monoprice {42620} USB-C Charger, 40W 2-port (Qty 2)
- Monoprice {38917} Select Charge & Sync USB-C to USB-C Cable USB 2.0 TPE Jacket Up to 3A/60W 6ft Black (Qty 3)
- Monoprice {665} 6ft 3.5mm Stereo Plug/2 RCA Plug Cable, Black (Qty 1)
- Monoprice {659} 6ft 28AWG 2 RCA Plug/2 RCA Plug M/M Cable, Black (Qty 1)
- Crown {NCDi2000} 2X800W Power Amplifier (Qty 1)

Comments

- INSTALL THE FOLLOWING EQUIPMENT, 7000 LUMEN LASER PROJECTOR, REPLACE EXISTING PROJECTOR, MOUNT AND CABLING. WALL MOUNTED CONTROL FOR PROJECTOR AND SCREEN. WALL MOUNTED EQUIPMENT RACK. 2 3- SPACE UTILITY DRAWERS, SLIDING SHELF, SEQUENCED POWER DISTRIBUTOR. RACKMOUNT AUDIO MIXER, BLUETOOTH RECEIVER, 2 DUAL HANDHELD WIRELESS MIC SYSTEMS. POWER AMLIFIRE. INSTALL 12 HIGH POWER CEILING SPEAKERS. PROVIDE USER TRAINING AND ALL ADDITIONAL MATERIALS NECESSARY FOR A COMPLETE SYSTEM.

McKinley Elementary School
VAPA - SOW

Scope of Work – McKinley Elementary School, Audiovisual System Supply / Installation

Project Overview

Project Title: Multipurpose Room (McKinley Elementary School/MPR) Audiovisual System Installation

Project Number: 026-19JB McKinley Elementary School

Location: McKinley Elementary School (600 W Johnston St, Colton, CA 92324)

The project includes procurement and installation of audiovisual components and related accessories to create a fully functional presentation and sound system for school use.

General Requirements

- Furnish and install a complete and operational audiovisual (AV) system in accordance with project drawings, specifications, and manufacturer recommendations.
- Coordinate with the owner, architect, IT team, and other trades to ensure seamless integration with existing infrastructure.
- Conduct a pre-installation site survey to verify conditions, power availability, and cabling pathways.
- Provide a detailed installation plan and schedule, subject to owner approval prior to commencement of work.

Equipment Supply

- Supply all audiovisual equipment, components, and accessories as specified or equivalent approved models, including displays, projectors, screens, speakers, microphones, cameras, control systems, cabling, mounts, racks, and associated hardware.
- Ensure all supplied equipment is new, factory-sealed, and compliant with current industry standards and regulations.
- Provide all necessary mounting hardware, connectors, adapters, and interconnects for a complete and functional system.

Installation and Integration

- Perform installation, mounting, and alignment of all ELEC / AV equipment in accordance with manufacturer instructions and approved shop drawings.
- Route, terminate, and label all signal, control, and power cables in accordance with EIA/TIA 568 and 569B standards.
- Integrate all components into a cohesive and user-friendly system, ensuring compatibility between devices and networks.
- Configure and program all ELEC / AV control systems, DSPs, and user interfaces for optimal performance and usability.

Testing, Commissioning, and Quality Assurance

- Conduct system testing, calibration, and performance verification for all devices and subsystems.
- Ensure all cabling, terminations, and connections are properly installed, labeled, and tested for continuity, polarity, and signal integrity.
- Provide a final system demonstration to verify full functionality and compliance with design intent.
- Submit detailed test results and commissioning reports for owner review and approval.

Compliance and Safety

- Adhere to all applicable local building codes, electrical regulations, and safety requirements, including OSHA standards.
- Ensure all installations meet fire safety, accessibility, and equipment ventilation requirements.
- Implement necessary dust control, protection, and cleanup procedures during and after installation.

Documentation and Training

- Provide complete as-built drawings, equipment lists, configuration settings, and wiring diagrams in both printed and digital formats.
- Supply operation and maintenance manuals for all installed systems and components.
- Conduct user orientation and hands-on training sessions for end-users and facility staff, covering operation, basic troubleshooting, and maintenance procedures.
- Provide post-installation technical support for a defined warranty period as specified in the contract.

Warranty and Post-Installation Support

- Provide a minimum one-year warranty on all workmanship and supplied equipment, unless otherwise specified.
- Respond to any service or warranty calls within an agreed-upon timeframe.
- Offer optional ongoing maintenance or service agreements to ensure continued performance.

Equipment & Materials List

- LG {86UR340C9UD} TV- 86IN, LG, HDMI, EXT SPEAKER (Qty 2)
- Middle Atlantic {SBX-7} EQUIPMENT RACK (Qty 1)
- Middle Atlantic {UD2} 2 SPACE UTILITY DRAWER (Qty 1)
- Middle Atlantic {SS} SLIDING SHELF, HEAVY DUTY (Qty 1)
- Covid, Inc. {DH14-200} Splitter, HDMI 2.0, 1X4, 18Gbps (Qty 1)
- Covid, Inc. {EHB-100} HDBaseT Set, THB-200 + RBH-200 (Qty 2)
- Covid, Inc. {QT-99788} Custom Rack Panel for Pixie (Qty 1)
- SP Control {PXE-DCM+} PIXIE DISPLAY CONTROL MODULE PLUS (Qty 1)
- Avidex {AVI4000} MISC MATERIAL (Qty 1)
- Startech {FPWARTS2} TV Wall Mount Up To 100 inch VESA Displays, Low Profile Full Motion for Large Displays (Qty 2)
- Kramer {C-D9F/OPEN-3} RS-232, D9(F) to bare wires cable-3ft (Qty 2)

Comments

- Install (2) 86" Displays with added backing on Articulating Mounts near A/C Receptacles on side walls near the stage area. Run cabling back to rack and install D/A, HDBT and Controller. Displays will mirror images of existing projector and power on/off from the Controller housed in the rack. Install small Rack W/ Solid Locking Door on wall at left front of stage area with a Pull-Out Shelf and Utility Drawer to house a Laptop Computer. Re-route HDMI cable to rack for connection to PC.

Reche Canyon Elementary
VAPA - SOW

Scope of Work – Reche Canyon Elementary School, Audiovisual System Supply / Installation

Project Overview

Project Title: Multipurpose Room (RCES/MPR) Audiovisual System Installation

Project Number: 026-19JB Reche Canyon Elementary School

Location: Reche Canyon Elementary School (3101 Canyon Vista Dr, Colton, CA 92324)

The project includes procurement and installation of audiovisual components and related accessories to create a fully functional presentation and sound system for school use.

General Requirements

- Furnish and install a complete and operational audiovisual (AV) system in accordance with project drawings, specifications, and manufacturer recommendations.
- Coordinate with the owner, architect, IT team, and other trades to ensure seamless integration with existing infrastructure.
- Conduct a pre-installation site survey to verify conditions, power availability, and cabling pathways.
- Provide a detailed installation plan and schedule, subject to owner approval prior to commencement of work.

Equipment Supply

- Supply all audiovisual equipment, components, and accessories as specified or equivalent approved models, including displays, projectors, screens, speakers, microphones, cameras, control systems, cabling, mounts, racks, and associated hardware.
- Ensure all supplied equipment is new, factory-sealed, and compliant with current industry standards and regulations.
- Provide all necessary mounting hardware, connectors, adapters, and interconnects for a complete and functional system.

Installation and Integration

- Perform installation, mounting, and alignment of all ELEC / AV equipment in accordance with manufacturer instructions and approved shop drawings.
- Route, terminate, and label all signal, control, and power cables in accordance with EIA/TIA 568 and 569B standards.
- Integrate all components into a cohesive and user-friendly system, ensuring compatibility between devices and networks.
- Configure and program all ELEC / AV control systems, DSPs, and user interfaces for optimal performance and usability.

Testing, Commissioning, and Quality Assurance

- Conduct system testing, calibration, and performance verification for all devices and subsystems.
- Ensure all cabling, terminations, and connections are properly installed, labeled, and tested for continuity, polarity, and signal integrity.
- Provide a final system demonstration to verify full functionality and compliance with design intent.
- Submit detailed test results and commissioning reports for owner review and approval.

Compliance and Safety

- Adhere to all applicable local building codes, electrical regulations, and safety requirements, including OSHA standards.
- Ensure all installations meet fire safety, accessibility, and equipment ventilation requirements.
- Implement necessary dust control, protection, and cleanup procedures during and after installation.

Documentation and Training

- Provide complete as-built drawings, equipment lists, configuration settings, and wiring diagrams in both printed and digital formats.
- Supply operation and maintenance manuals for all installed systems and components.
- Conduct user orientation and hands-on training sessions for end-users and facility staff, covering operation, basic troubleshooting, and maintenance procedures.
- Provide post-installation technical support for a defined warranty period as specified in the contract.

Warranty and Post-Installation Support

- Provide a minimum one-year warranty on all workmanship and supplied equipment, unless otherwise specified.
- Respond to any service or warranty calls within an agreed-upon timeframe.
- Offer optional ongoing maintenance or service agreements to ensure continued performance.

Equipment & Materials List

- Epson {V11HA25120} POWERLITE L735U FULL HD WUXGA LONG-THROW Laser Projector (Qty 1)
- Middle Atlantic {UD3} 3 Space Utility Drawer (Qty 2)
- Middle Atlantic {SS} SLIDING SHELF, HEAVY DUTY (Qty 1)
- Da-Lite {44509} Wireless Mic System, 1x Handheld (Qty 14)
- Vaddio {999-85600-000} 2-Way Ceiling Loudspeaker, Pair (Qty 8)
- Netally HH Tools {EXT-ANT-TRIBAND} External Directional Tri-Band Antenna (Qty 2)
- Extron {60-1005-02} MLC 62 RS D (Qty 1)
- ICOM {60-1005-02} Headset (Qty 12)
- Anchor Audio {MEGAVOX System ECO 1} WIRED MIC 90P & STAND (Qty 2)
- Shure {UA844+SWB/LC} FIVE WAY ANTENNA SPLITTER (Qty 2)
- Chief {RPMAUW} UNIVERSAL MOUNT (Qty 1)
- Middle Atlantic {PWR-9-RPM} HORIZONTAL POWER DISTRIBUTION 9 OUTLET, 15Amp (Qty 1)
- ROLLS {RM89} Rackmount Audio Mixer (Qty 1)
- Technical Pro {BLUEDECK2} Rackmount Bluetooth Receiver (Qty 1)
- Kramer Electronics {C-HM/HM-35} CABLE (Qty 2)
- Kramer Electronics {C-HM/HM-6} HDMI TO HDMI CABLE 6’ (Qty 1)
- Shure {SM58S} CARDIOID DYNAMIC, ON-OFF SWITCH (Qty 2)
- Covid, Inc. {EHB-220-W} HDBaseT Set, HDMI 4K, 18G, Tx-WP+ Rx-Box (Qty 1)
- Covid, Inc. {VP-CSP1425-06} RCA to 3.5MM Stereo Cable (Qty 2)
- Covid, Inc. {C6-RJ-BLK-75} Cat 6, RJ45 to RJ45, Black Jacket, 75ft (Qty 2)
- Covid, Inc. {THB-200} HDBaseT Set, THB-200 + RBH-200 (Qty 1)
- Covid, Inc. {EHW-200} Wireless HDMI to HDMI Extender Set, 4K (Qty 1)
- Covid, Inc. {SH41-220} Switcher, HDMI 2.0, 4x1, 18G, Audio Extractor (Qty 1)
- Covid, Inc. {QT-C-4703} Custom Rack Panel (Qty 1)
- Covid, Inc. {USB-AB-06} USB 2.0 Cable, A-Male to B-Male, 6ft (Qty 1)
- Covid, Inc. {MC-HD2S-18IN} Micro Slim Line HDMI Cable, 4K, 18G, 18in (Qty 4)
- Covid, Inc. {CSP1455-22-50} RCA Stereo Cable, Male to Male, 50ft (Qty 1)
- Covid, Inc. {VP-CSP1455-03} RCA Stereo Audio Cable, Male to Male, 3ft (Qty 1)
- Covid, Inc. {PS-USB5V21A} USB Charger, 5V 2.1A, Black (Qty 1)
- Covid, Inc. {PST-0001-04} 6 Outlet Power Strip w/ Surge Suppressor, 4ft (Qty 2)

Equipment & Materials List Cont.

- Covid, Inc. {CVA0200-14-BULK} 14-2, Unshielded, Bulk Cable (P.P.F. - Qty 250')
- HOSA Technology {MSB-521BK} 72" Microphone stand with 36" Boom (Qty 2)
- HOSA {MBL-105} Economy Microphone Cable, Hosa XLR3F to XLR3M, 5ft (Qty 6)
- HOSA {MCL-130} Microphone Cable, Hosa XLR3F to XLR3M, 30 ft (Qty 2)
- HOSA {MCL-103} Microphone Cable, Hosa XLR3F to XLR3M, 3 ft (Qty 2)
- HOSA {XRM-102} Cable RCA to XLR3M, 2 ft (Qty 2)
- Monoprice {42620} USB-C Charger, 40W 2-port (Qty 2)
- Monoprice {38917} Select Charge & Sync USB-C to USB-C Cable USB 2.0 TPE Jacket Up to 3A/60W 6ft Black (Qty 3)
- Monoprice {665} 6ft 3.5mm Stereo Plug/2 RCA Plug Cable, Black (Qty 1)
- Monoprice {659} 6ft 28AWG 2 RCA Plug/2 RCA Plug M/M Cable, Black (Qty 1)
- Crown {NCDi4000} 2X1200W Power Amplifier (Qty 1)
- Shure {UA825} Antenna Cable 25ft (Qty 2)

Comments

- Install the following equipment, 7000 Lumen Laser Projector, replacing existing projector, mount and cabling. Wall mounted Control for Projector and Screen. Utilize Existing Floor Equipment Rack 2 3-Space utility drawers, Sliding Shelf, Sequenced Power Distributor Rackmount Audio Mixer, Bluetooth Receiver, 2 Dual Handheld Wireless Mic Systems Amplifier, and 16 High Power Ceiling Speakers Provide user training & all additional materials necessary for a complete system.

Rogers Elementary School
VAPA - SOW

Scope of Work – Rogers Elementary School, Audiovisual System Supply / Installation

Project Overview

Project Title: Multipurpose Room (Rogers Elementary School/MPR) Audiovisual System Installation

Project Number: 026-19JB - Rogers Elementary School

Location: Rogers Elementary School (955 W Laurel St, Colton, CA 92324)

The project includes procurement and installation of audiovisual components and related accessories to create a fully functional presentation and sound system for school use.

General Requirements

- Furnish and install a complete and operational audiovisual (AV) system in accordance with project drawings, specifications, and manufacturer recommendations.
- Coordinate with the owner, architect, IT team, and other trades to ensure seamless integration with existing infrastructure.
- Conduct a pre-installation site survey to verify conditions, power availability, and cabling pathways.
- Provide a detailed installation plan and schedule, subject to owner approval prior to commencement of work.

Equipment Supply

- Supply all audiovisual equipment, components, and accessories as specified or equivalent approved models, including displays, projectors, screens, speakers, microphones, cameras, control systems, cabling, mounts, racks, and associated hardware.
- Ensure all supplied equipment is new, factory-sealed, and compliant with current industry standards and regulations.
- Provide all necessary mounting hardware, connectors, adapters, and interconnects for a complete and functional system.

Installation and Integration

- Perform installation, mounting, and alignment of all ELEC / AV equipment in accordance with manufacturer instructions and approved shop drawings.
- Route, terminate, and label all signal, control, and power cables in accordance with EIA/TIA 568 and 569B standards.
- Integrate all components into a cohesive and user-friendly system, ensuring compatibility between devices and networks.
- Configure and program all ELEC / AV control systems, DSPs, and user interfaces for optimal performance and usability.

Testing, Commissioning, and Quality Assurance

- Conduct system testing, calibration, and performance verification for all devices and subsystems.
- Ensure all cabling, terminations, and connections are properly installed, labeled, and tested for continuity, polarity, and signal integrity.
- Provide a final system demonstration to verify full functionality and compliance with design intent.
- Submit detailed test results and commissioning reports for owner review and approval.

Compliance and Safety

- Adhere to all applicable local building codes, electrical regulations, and safety requirements, including OSHA standards.
- Ensure all installations meet fire safety, accessibility, and equipment ventilation requirements.
- Implement necessary dust control, protection, and cleanup procedures during and after installation.

Documentation and Training

- Provide complete as-built drawings, equipment lists, configuration settings, and wiring diagrams in both printed and digital formats.
- Supply operation and maintenance manuals for all installed systems and components.
- Conduct user orientation and hands-on training sessions for end-users and facility staff, covering operation, basic troubleshooting, and maintenance procedures.
- Provide post-installation technical support for a defined warranty period as specified in the contract.

Warranty and Post-Installation Support

- Provide a minimum one-year warranty on all workmanship and supplied equipment, unless otherwise specified.
- Respond to any service or warranty calls within an agreed-upon timeframe.
- Offer optional ongoing maintenance or service agreements to ensure continued performance.

Equipment & Materials List

- Epson {V11HA25020} PowerLite L730U Laser Projector (Qty 1)
- Da-Lite {40973} SINGLE MOTOR LOW VOLTAGE CONTROL SYSTEM (Qty 1)
- Middle Atlantic {UTR1} 1SP UNIV. HALF RACK SHELF (Qty 1)
- Da-Lite {44509} Wireless Mic System, 1x Handheld (Qty 2)
- Middle Atlantic {SS} SLIDING SHELF, HEAVY DUTY (Qty 1)
- Middle Atlantic {UD3} 3 Space Utility Drawer (Qty 2)
- Extron {60-1005-02} MLC 62 RS D (Qty 1)
- Extron {60-1244-01} XPA 4002 TWO CHANNEL AMP 400 WATTS (Qty 1)
- Chief {RPMAUW} Universal Mount (Qty 1)
- ROLLS {RM89} Rackmount Audio Mixer (Qty 1)
- Technical Pro {BLUEDECK2} Rackmount Bluetooth Receiver (Qty 1)
- Kramer Electronics {C-HM/HM-35} CABLE (Qty 2)
- Kramer Electronics {C-HM/HM-6} HDMI TO HDMI CABLE 6’ (Qty 1)
- Shure {SM58S} CARDIOID DYNAMIC, ON-OFF SWITCH (Qty 2)
- Covid, Inc. {EHB-220-W} HDBaseT Set, HDMI 4K, 18G, Tx-WP+ Rx-Box (Qty 1)
- Covid, Inc. {VP-CSP1425-06} RCA to 3.5MM Stereo Cable (Qty 2)
- Covid, Inc. {C6-RJ-BLK-75} Cat 6, RJ45 to RJ45, Black Jacket, 75ft (Qty 2)
- Covid, Inc. {THB-200} HDBaseT Set, THB-200 + RBH-200 (Qty 1)
- Covid, Inc. {EHW-200} Wireless HDMI to HDMI Extender Set, 4K (Qty 1)
- Covid, Inc. {SH41-220} Switcher, HDMI 2.0, 4x1, 18G, Audio Extractor (Qty 1)
- Covid, Inc. {QT-C-4703} Custom Rack Panel (Qty 1)
- Covid, Inc. {USB-AB-06} USB 2.0 Cable, A-Male to B-Male, 6ft (Qty 1)
- Covid, Inc. {MC-HD2S-18IN} Micro Slim Line HDMI Cable, 4K, 18G, 18in (Qty 4)
- Covid, Inc. {CSP1455-22-50} RCA Stereo Cable, Male to Male, 50ft (Qty 1)
- Covid, Inc. {VP-CSP1455-03} RCA Stereo Audio Cable, Male to Male, 3ft (Qty 2)
- Covid, Inc. {PS-USB5V21A} USB Charger, 5V 2.1A, Black (Qty 4)
- Covid, Inc. {PST-0001-04} 6 Outlet Power Strip w/ Surge Suppressor, 4ft (Qty 1)
- Covid, Inc. {CVA0200-12-BULK} 12-2, Unshielded, Bulk Cable (P.P.F. - Qty 200’)
- HOSA Technology {MSB-521BK} 72" Microphone stand with 36" Boom (Qty 2)
- HOSA {MBL-105} Economy Microphone Cable, Hosa XLR3F to XLR3M, 5ft (Qty 2)

Equipment & Materials List Cont.

- HOSA {MCL-130} Microphone Cable, Hosa XLR3F to XLR3M, 30 ft (Qty 2)
- JBL CONTROL {31} Two-Way,Hi Output In/Out Loudspk BL (Qty 2)

Comments

- n/a

Ruth O' Harris Middle School
VAPA - SOW

Scope of Work – Ruth O' Harris Middle School, Audiovisual System Supply / Installation

Project Overview

Project Title: Multipurpose Room (Ruth OOHMS/MPR) Audiovisual System Installation

Project Number: 026-19JB Ruth O' Harris Middle School

Location: Ruth O.Harris Middle School (11150 Alder Ave, Bloomington, CA 92316)

The project includes procurement and installation of audiovisual components and related accessories to create a fully functional presentation and sound system for school use.

General Requirements

- Furnish and install a complete and operational audiovisual (AV) system in accordance with project drawings, specifications, and manufacturer recommendations.
- Coordinate with the owner, architect, IT team, and other trades to ensure seamless integration with existing infrastructure.
- Conduct a pre-installation site survey to verify conditions, power availability, and cabling pathways.
- Provide a detailed installation plan and schedule, subject to owner approval prior to commencement of work.

Equipment Supply

- Supply all audiovisual equipment, components, and accessories as specified or equivalent approved models, including displays, projectors, screens, speakers, microphones, cameras, control systems, cabling, mounts, racks, and associated hardware.
- Ensure all supplied equipment is new, factory-sealed, and compliant with current industry standards and regulations.
- Provide all necessary mounting hardware, connectors, adapters, and interconnects for a complete and functional system.

Installation and Integration

- Perform installation, mounting, and alignment of all ELEC / AV equipment in accordance with manufacturer instructions and approved shop drawings.
- Route, terminate, and label all signal, control, and power cables in accordance with EIA/TIA 568 and 569B standards.
- Integrate all components into a cohesive and user-friendly system, ensuring compatibility between devices and networks.
- Configure and program all ELEC / AV control systems, DSPs, and user interfaces for optimal performance and usability.

Testing, Commissioning, and Quality Assurance

- Conduct system testing, calibration, and performance verification for all devices and subsystems.
- Ensure all cabling, terminations, and connections are properly installed, labeled, and tested for continuity, polarity, and signal integrity.
- Provide a final system demonstration to verify full functionality and compliance with design intent.
- Submit detailed test results and commissioning reports for owner review and approval.

Compliance and Safety

- Adhere to all applicable local building codes, electrical regulations, and safety requirements, including OSHA standards.
- Ensure all installations meet fire safety, accessibility, and equipment ventilation requirements.
- Implement necessary dust control, protection, and cleanup procedures during and after installation.

Documentation and Training

- Provide complete as-built drawings, equipment lists, configuration settings, and wiring diagrams in both printed and digital formats.
- Supply operation and maintenance manuals for all installed systems and components.
- Conduct user orientation and hands-on training sessions for end-users and facility staff, covering operation, basic troubleshooting, and maintenance procedures.
- Provide post-installation technical support for a defined warranty period as specified in the contract.

Warranty and Post-Installation Support

- Provide a minimum one-year warranty on all workmanship and supplied equipment, unless otherwise specified.
- Respond to any service or warranty calls within an agreed-upon timeframe.
- Offer optional ongoing maintenance or service agreements to ensure continued performance.

Equipment & Materials List

- Epson {V11HA25020} PowerLite L730U Laser Projector (Qty 1)
- Motorized Projection Screen 164" Diagonal, 16:10 HD Format (Qty 1)
- Da-Lite {34468L} COSMO 164D 87X139NPA MW (Qty 1)
- Chief {CMS003W} Pole White (Qty 1)
- Da-Lite {44509} Wireless Mic System, 1x Handheld (Qty 2)
- Middle Atlantic {EWQ-16-17SD} 16SP/17D ECONO WLRK,BK,DR (Qty 1)
- Middle Atlantic {SS} SLIDING SHELF, HEAVY DUTY (Qty 1)
- Middle Atlantic {UD3} 3 Space Utility Drawer (Qty 2)
- Extron {60-1005-02} MLC 62 RS D (Qty 1)
- Extron {60-1244-01} XPA 4002 TWO CHANNEL AMP 400 WATTS (Qty 1)
- Chief {RPMAUW} Universal Mount (Qty 1)
- Chief {CMA110W} 8" CEILING PLATE WHITE (Qty 1)
- ROLLS {RM89} Rackmount Audio Mixer (Qty 1)
- Technical Pro {BLUEDECK2} Rackmount Bluetooth Receiver (Qty 1)
- Kramer Electronics {C-HM/HM-35} CABLE (Qty 2)
- Kramer Electronics {C-HM/HM-6} HDMI TO HDMI CABLE 6’ (Qty 1)
- Shure {SM58S} CARDIOID DYNAMIC, ON-OFF SWITCH (Qty 2)
- Covid, Inc. {EHB-220-W} HDBaseT Set, HDMI 4K, 18G, Tx-WP+ Rx-Box (Qty 1)
- Covid, Inc. {VP-CSP1425-06} RCA to 3.5MM Stereo Cable (Qty 1)
- Covid, Inc. {C6-RJ-B-100} Cat 6, RJ45 to RJ45, Blue Jacket, 100ft (Qty 1)
- Covid, Inc. {C6-RJ-BK-100} at 6, RJ45 to RJ45, Black Jacket, 100ft (Qty 1)
- Covid, Inc. {C6-RJ-W-100} at 6, RJ45 to RJ45, White Jacket, 100ft (Qty 1)
- Covid, Inc. {THB-200} HDBaseT Set, THB-200 + RBH-200 (Qty 1)
- Covid, Inc. {EHW-200} Wireless HDMI to HDMI Extender Set, 4K (Qty 1)
- Covid, Inc. {SH41-220} Switcher, HDMI 2.0, 4x1, 18G, Audio Extractor (Qty 1)
- Covid, Inc. {QT-C-4703} Custom Rack Panel (Qty 1)
- Covid, Inc. {USB-AB-06} USB 2.0 Cable, A-Male to B-Male, 6ft (Qty 1)
- Covid, Inc. {MC-HD2S-18IN} Micro Slim Line HDMI Cable, 4K, 18G, 18in (Qty 4)
- Covid, Inc. {MC-HD2-06} Slime Line HDMI Cable, 4K, 18G, 6ft (Qty 1)
- Covid, Inc. {EC-HD21-35} HDMI Cable, 4K, 18G, 35ft (Qty 1)

Equipment & Materials List Cont.

- Covid, Inc. {ADP-HDF-HDF} ADAPTER, HDMI FEMALE TO HDMI FEMALE (Qty 1)
- Covid, Inc. {VP-CSP1455-03} RCA Stereo Audio Cable, Male to Male, 3ft (Qty 1)
- Covid, Inc. {V-USBC-USBAM-06} USB 2.0 Cable, C-Male to A-Male, 6ft (Qty 1)
- Covid, Inc. {PS-USB5V21A} USB Charger, 5V 2.1A, Black (Qty 2)
- Covid, Inc. {PST-0001-04} 6 Outlet Power Strip w/ Surge Suppressor, 4ft (Qty 1)
- Covid, Inc. {CVA0200-12-BULK} 12-2, Unshielded, Bulk Cable (P.P.F. - Qty 250')
- HOSA {XRM-102} Cable RCA to XLR3M, 2ft (Qty 2)
- HOSA {MCL-103} Microphone Cable, Hosa XLR3F to XLR3M, 3 ft (Qty 2)
- HOSA {MCL-130} Microphone Cable, Hosa XLR3F to XLR3M, 30 ft (Qty 2)
- JBL CONTROL {31} Two-Way,Hi Output In/Out Loudspk BL (Qty 2)
- Middle Atlantic {PWR-9-RPM} HORIZONTAL POWER DISTRIBUTION 9 OUTLET, 15Amp (Qty 1)
- Avidex {AVI4000} MISC MATERIAL (Qty 1)

Comments

- Install the following equipment: 7000 Lumen Laser Projector, replacing existing projector, mount and cabling. Motorized Projection Screen 164" Diagonal, 16:10 HD Format. Wall mounted Control for Projector and Screen. Wall mounted Equipment Rack at side of stage, Rack gear including 3-Space utility drawers, Sliding Shelf, & Sequenced Power Distributor, Rackmount Audio Mixer, Bluetooth Receiver, Dual Handheld Wireless Mic System, Power Amplifier, 2 wall mounted Speaker at front of room Provide User Training & All additional materials necessary for a complete system

Smith Elementary School
VAPA - SOW

Scope of Work – Smith Elementary School, Audiovisual System Supply / Installation

Project Overview

Project Title: Multipurpose Room (SES/MPR) Audiovisual System Installation

Project Number: 026-19JB Smith Elementary School

Location: Gerald A Smith Elementary School (9551 Linden Ave, Bloomington, CA 92316)

The project includes procurement and installation of audiovisual components and related accessories to create a fully functional presentation and sound system for school use.

General Requirements

- Furnish and install a complete and operational audiovisual (AV) system in accordance with project drawings, specifications, and manufacturer recommendations.
- Coordinate with the owner, architect, IT team, and other trades to ensure seamless integration with existing infrastructure.
- Conduct a pre-installation site survey to verify conditions, power availability, and cabling pathways.
- Provide a detailed installation plan and schedule, subject to owner approval prior to commencement of work.

Equipment Supply

- Supply all audiovisual equipment, components, and accessories as specified or equivalent approved models, including displays, projectors, screens, speakers, microphones, cameras, control systems, cabling, mounts, racks, and associated hardware.
- Ensure all supplied equipment is new, factory-sealed, and compliant with current industry standards and regulations.
- Provide all necessary mounting hardware, connectors, adapters, and interconnects for a complete and functional system.

Installation and Integration

- Perform installation, mounting, and alignment of all ELEC / AV equipment in accordance with manufacturer instructions and approved shop drawings.
- Route, terminate, and label all signal, control, and power cables in accordance with EIA/TIA 568 and 569B standards.
- Integrate all components into a cohesive and user-friendly system, ensuring compatibility between devices and networks.
- Configure and program all ELEC / AV control systems, DSPs, and user interfaces for optimal performance and usability.

Testing, Commissioning, and Quality Assurance

- Conduct system testing, calibration, and performance verification for all devices and subsystems.
- Ensure all cabling, terminations, and connections are properly installed, labeled, and tested for continuity, polarity, and signal integrity.
- Provide a final system demonstration to verify full functionality and compliance with design intent.
- Submit detailed test results and commissioning reports for owner review and approval.

Compliance and Safety

- Adhere to all applicable local building codes, electrical regulations, and safety requirements, including OSHA standards.
- Ensure all installations meet fire safety, accessibility, and equipment ventilation requirements.
- Implement necessary dust control, protection, and cleanup procedures during and after installation.

Documentation and Training

- Provide complete as-built drawings, equipment lists, configuration settings, and wiring diagrams in both printed and digital formats.
- Supply operation and maintenance manuals for all installed systems and components.
- Conduct user orientation and hands-on training sessions for end-users and facility staff, covering operation, basic troubleshooting, and maintenance procedures.
- Provide post-installation technical support for a defined warranty period as specified in the contract.

Warranty and Post-Installation Support

- Provide a minimum one-year warranty on all workmanship and supplied equipment, unless otherwise specified.
- Respond to any service or warranty calls within an agreed-upon timeframe.
- Offer optional ongoing maintenance or service agreements to ensure continued performance.

Equipment & Materials List

- Epson {V11HA25120} POWERLITE L735U FULL HD WUXGA LONG-THROW Laser Projector (Qty 1)
- Chief {RPAMAUW} UNIVERSAL MOUNT (Qty 1)
- Middle Atlantic {UD3} 3 Space Utility Drawer (Qty 2)
- Middle Atlantic {SS} SLIDING SHELF, HEAVY DUTY (Qty 1)
- Middle Atlantic {PDS-615R} SEQUENCED POWER STRIP (Qty 1)
- ROLLS {RM89} Rackmount Audio Mixer (Qty 1)
- Technical Pro {BLUEDECK2} Rackmount Bluetooth Receiver (Qty 1)
- Kramer Electronics {C-HM/HM-35} CABLE (Qty 2)
- Kramer Electronics {C-HM/HM-6} HDMI TO HDMI CABLE 6’ (Qty 1)
- Audix {AP42OM2A} WIRELESS,R42,HANDHELD, W/ (2) OM2 CAP (Qty 1)
- Shure {SM58S} CARDIOID DYNAMIC, ON-OFF SWITCH (Qty 2)
- SP Control {PXE-DCM+} PIXIE DISPLAY CONTROL MODULE PLUS (Qty 1)
- SP Control {PXE-EMIT-REL2} Relay/Emitter (Qty 1)
- SP Control {PXE-RACK} PixiePlus Rack Mount Kit (3 Rack Units) (Qty 1)
- SP Control {PXE-BIK50} Install Kit (Qty 1)
- Covid, Inc. {EHB-220-W} HDBaseT Set, HDMI 4K, 18G, Tx-WP+ Rx-Box (Qty 1)
- Covid, Inc. {VP-CSP1425-06} RCA to 3.5MM Stereo Cable (Qty 2)
- Covid, Inc. {C6-RJ-BLK-75} Cat 6, RJ45 to RJ45, Black Jacket, 75ft (Qty 2)
- Covid, Inc. {THB-200} HDBaseT Set, THB-200 + RBH-200 (Qty 1)
- Covid, Inc. {EHW-200} Wireless HDMI to HDMI Extender Set, 4K (Qty 1)
- Covid, Inc. {SH41-220} Switcher, HDMI 2.0, 4x1, 18G, Audio Extractor (Qty 1)
- Covid, Inc. {QT-C-4703} Custom Rack Panel (Qty 1)
- Covid, Inc. {USB-AB-06} USB 2.0 Cable, A-Male to B-Male, 6ft (Qty 1)
- Covid, Inc. {MC-HD2S-18IN} Micro Slim Line HDMI Cable, 4K, 18G, 18in (Qty 4)
- Covid, Inc. {CSP1455-22-50} RCA Stereo Cable, Male to Male, 50ft (Qty 1)
- Covid, Inc. {VP-CSP1455-03} RCA Stereo Audio Cable, Male to Male, 3ft (Qty 1)
- Covid, Inc. {PS-USB5V21A} USB Charger, 5V 2.1A, Black (Qty 1)
- Covid, Inc. {PST-0001-04} 6 Outlet Power Strip w/ Surge Suppressor, 4ft (Qty 2)
- Covid, Inc. {CVA0200-14-BULK} 14-2, Unshielded, Bulk Cable (P.P.F. - Qty 250’)
- HOSA Technology {MSB-521BK} 72" Microphone stand with 36" Boom (Qty 2)

Equipment & Materials List Cont.

- HOSA {MBL-105} Economy Microphone Cable, Hosa XLR3F to XLR3M, 5ft (Qty 4)
- HOSA {MCL-130} Microphone Cable, Hosa XLR3F to XLR3M, 30 ft (Qty 2)
- QSC {GX5} 2 CHANNEL X 500W AMPLIFIER (Qty 1)
- JBL CONTROL {31} Two-Way,Hi Output In/Out Loudspk BL (Qty 2)

Comments

Install the following equipment, 7000 Lumen Laser Projector, replacing existing projector, mount and cabling. Wall mounted Control for Projector and Screen. 2 3-Space utility drawers, Sliding Shelf, Sequenced Power Distributor Rackmount Audio Mixer, Bluetooth Receiver, Dual Handheld Wireless Mic System
Power Amplifier. Install 2 wall mounted speakers in/at front of the room. Provide user training & all additional materials necessary for a complete system.

Sycamore Hills Elementary School
VAPA - SOW

Scope of Work – Sycamore Hills Elementary School, Audiovisual System Supply / Installation

Project Overview

Project Title: Multipurpose Room (SHES/MPR) Audiovisual System Installation

Project Number: 026-19JB - Sycamore Hills Elementary School

Location: Sycamore Hills Elementary School (11036 Mahogany Dr, Fontana, CA 92337)

The project includes procurement and installation of audiovisual components and related accessories to create a fully functional presentation and sound system for school use.

General Requirements

- Furnish and install a complete and operational audiovisual (AV) system in accordance with project drawings, specifications, and manufacturer recommendations.
- Coordinate with the owner, architect, IT team, and other trades to ensure seamless integration with existing infrastructure.
- Conduct a pre-installation site survey to verify conditions, power availability, and cabling pathways.
- Provide a detailed installation plan and schedule, subject to owner approval prior to commencement of work.

Equipment Supply

- Supply all audiovisual equipment, components, and accessories as specified or equivalent approved models, including displays, projectors, screens, speakers, microphones, cameras, control systems, cabling, mounts, racks, and associated hardware.
- Ensure all supplied equipment is new, factory-sealed, and compliant with current industry standards and regulations.
- Provide all necessary mounting hardware, connectors, adapters, and interconnects for a complete and functional system.

Installation and Integration

- Perform installation, mounting, and alignment of all ELEC / AV equipment in accordance with manufacturer instructions and approved shop drawings.
- Route, terminate, and label all signal, control, and power cables in accordance with EIA/TIA 568 and 569B standards.
- Integrate all components into a cohesive and user-friendly system, ensuring compatibility between devices and networks.
- Configure and program all ELEC / AV control systems, DSPs, and user interfaces for optimal performance and usability.

Testing, Commissioning, and Quality Assurance

- Conduct system testing, calibration, and performance verification for all devices and subsystems.
- Ensure all cabling, terminations, and connections are properly installed, labeled, and tested for continuity, polarity, and signal integrity.
- Provide a final system demonstration to verify full functionality and compliance with design intent.
- Submit detailed test results and commissioning reports for owner review and approval.

Compliance and Safety

- Adhere to all applicable local building codes, electrical regulations, and safety requirements, including OSHA standards.
- Ensure all installations meet fire safety, accessibility, and equipment ventilation requirements.
- Implement necessary dust control, protection, and cleanup procedures during and after installation.

Documentation and Training

- Provide complete as-built drawings, equipment lists, configuration settings, and wiring diagrams in both printed and digital formats.
- Supply operation and maintenance manuals for all installed systems and components.
- Conduct user orientation and hands-on training sessions for end-users and facility staff, covering operation, basic troubleshooting, and maintenance procedures.
- Provide post-installation technical support for a defined warranty period as specified in the contract.

Warranty and Post-Installation Support

- Provide a minimum one-year warranty on all workmanship and supplied equipment, unless otherwise specified.
- Respond to any service or warranty calls within an agreed-upon timeframe.
- Offer optional ongoing maintenance or service agreements to ensure continued performance.

Equipment & Materials List

- Epson {V11HA25120} POWERLITE L735U FULL HD WUXGA LONG-THROW Laser Projector (Qty 1)
- Da-Lite {44509} Wireless Mic System, 1x Handheld (Qty 2)
- Vaddio {999-85600-000} 2-Way Ceiling Loudspeaker, Pair (Qty 7)
- Da-Lite {34468L} COSMO 164D 87X139NPA MW (Qty 1)
- Extron {60-1005-02} MLC 62 RS D (Qty 1)
- Chief {RPMAUW} UNIVERSAL MOUNT (Qty 1)
- Chief {CMS440} 8" CEILING PLATE W/ONE SLOT (Qty 1)
- Chief {CMS003} Fixed Pipe 3” (Qty 1)
- ROLLS {RM89} Rackmount Audio Mixer (Qty 1)
- Technical Pro {BLUEDECK2} Rackmount Bluetooth Receiver (Qty 1)
- Kramer Electronics {C-HM/HM-35} CABLE (Qty 2)
- Kramer Electronics {C-HM/HM-6} HDMI TO HDMI CABLE 6’ (Qty 1)
- Shure {SM58S} CARDIOID DYNAMIC, ON-OFF SWITCH (Qty 2)
- Covid, Inc. {EHB-220-W} HDBaseT Set, HDMI 4K, 18G, Tx-WP+ Rx-Box (Qty 1)
- Covid, Inc. {VP-CSP1425-06} RCA to 3.5MM Stereo Cable (Qty 2)
- Covid, Inc. {C6-RJ-BLK-75} Cat 6, RJ45 to RJ45, Black Jacket, 75ft (Qty 2)
- Covid, Inc. {THB-200} HDBaseT Set, THB-200 + RBH-200 (Qty 1)
- Covid, Inc. {EHW-200} Wireless HDMI to HDMI Extender Set, 4K (Qty 1)
- Covid, Inc. {SH41-220} Switcher, HDMI 2.0, 4x1, 18G, Audio Extractor (Qty 1)
- Covid, Inc. {QT-C-4703} Custom Rack Panel (Qty 1)
- Covid, Inc. {USB-AB-06} USB 2.0 Cable, A-Male to B-Male, 6ft (Qty 1)
- Covid, Inc. {MC-HD2S-18IN} Micro Slim Line HDMI Cable, 4K, 18G, 18in (Qty 4)
- Covid, Inc. {CSP1455-22-50} RCA Stereo Cable, Male to Male, 50ft (Qty 1)
- Covid, Inc. {VP-CSP1455-03} RCA Stereo Audio Cable, Male to Male, 3ft (Qty 1)
- Covid, Inc. {PS-USB5V21A} USB Charger, 5V 2.1A, Black (Qty 1)
- Covid, Inc. {PST-0001-04} 6 Outlet Power Strip w/ Surge Suppressor, 4ft (Qty 2)
- Covid, Inc. {CVA0200-14-BULK} 14-2, Unshielded, Bulk Cable (P.P.F. - Qty 250’)
- HOSA Technology {MSB-521BK} 72" Microphone stand with 36" Boom (Qty 2)
- HOSA {MBL-105} Economy Microphone Cable, Hosa XLR3F to XLR3M, 5ft (Qty 6)
- HOSA {MCL-130} Microphone Cable, Hosa XLR3F to XLR3M, 30 ft (Qty 2)

Equipment & Materials List Cont.

- HOSA {MCL-103} Microphone Cable, Hosa XLR3F to XLR3M, 3 ft (Qty 2)
- HOSA {XRM-102} Cable RCA to XLR3M, 2 ft (Qty 2)
- Monoprice {42620} USB-C Charger, 40W 2-port (Qty 2)
- Monoprice {38917} Select Charge & Sync USB-C to USB-C Cable USB 2.0 TPE Jacket Up to 3A/60W 6ft Black (Qty 3)
- Monoprice {665} 6ft 3.5mm Stereo Plug/2 RCA Plug Cable, Black (Qty 1)
- Monoprice {659} 6ft 28AWG 2 RCA Plug/2 RCA Plug M/M Cable, Black (Qty 1)
- Crown {NCDi4000} 2X1200W Power Amplifier (Qty 1)

Comments

- Install the following equipment: 7000 Lumen Laser Projector, replacing existing projector, mount and cabling. Wall mounted Control for Projector and Screen. Utilize Existing Equipment Rack, Power Distribution Unit and Utility Drawer. Rackmount Audio Mixer, Bluetooth Receiver, 2 Dual Handheld Wireless Mic Systems and 16 High Power Ceiling Speakers. Install Motorized Screen behind stage area. Provide user training & all additional materials necessary for a complete system.

Terrace View VES
VAPA - SOW

Scope of Work – Terrace View Elementary School, Audiovisual System Supply / Installation

Project Overview

Project Title: Multipurpose Room (Terrace View Elementary/MPR) Audiovisual System Installation

Project Number: 026-19JB - Terrace View Elementary School

Location: Terrace View Elementary School (22731 Grand Terrace Rd, Grand Terrace, CA 92313)

The project includes procurement and installation of audiovisual components and related accessories to create a fully functional presentation and sound system for school use.

General Requirements

- Furnish and install a complete and operational audiovisual (AV) system in accordance with project drawings, specifications, and manufacturer recommendations.
- Coordinate with the owner, architect, IT team, and other trades to ensure seamless integration with existing infrastructure.
- Conduct a pre-installation site survey to verify conditions, power availability, and cabling pathways.
- Provide a detailed installation plan and schedule, subject to owner approval prior to commencement of work.

Equipment Supply

- Supply all audiovisual equipment, components, and accessories as specified or equivalent approved models, including displays, projectors, screens, speakers, microphones, cameras, control systems, cabling, mounts, racks, and associated hardware.
- Ensure all supplied equipment is new, factory-sealed, and compliant with current industry standards and regulations.
- Provide all necessary mounting hardware, connectors, adapters, and interconnects for a complete and functional system.

Installation and Integration

- Perform installation, mounting, and alignment of all ELEC / AV equipment in accordance with manufacturer instructions and approved shop drawings.
- Route, terminate, and label all signal, control, and power cables in accordance with EIA/TIA 568 and 569B standards.
- Integrate all components into a cohesive and user-friendly system, ensuring compatibility between devices and networks.
- Configure and program all ELEC / AV control systems, DSPs, and user interfaces for optimal performance and usability.

Testing, Commissioning, and Quality Assurance

- Conduct system testing, calibration, and performance verification for all devices and subsystems.
- Ensure all cabling, terminations, and connections are properly installed, labeled, and tested for continuity, polarity, and signal integrity.
- Provide a final system demonstration to verify full functionality and compliance with design intent.
- Submit detailed test results and commissioning reports for owner review and approval.

Compliance and Safety

- Adhere to all applicable local building codes, electrical regulations, and safety requirements, including OSHA standards.
- Ensure all installations meet fire safety, accessibility, and equipment ventilation requirements.
- Implement necessary dust control, protection, and cleanup procedures during and after installation.

Documentation and Training

- Provide complete as-built drawings, equipment lists, configuration settings, and wiring diagrams in both printed and digital formats.
- Supply operation and maintenance manuals for all installed systems and components.
- Conduct user orientation and hands-on training sessions for end-users and facility staff, covering operation, basic troubleshooting, and maintenance procedures.
- Provide post-installation technical support for a defined warranty period as specified in the contract.

Warranty and Post-Installation Support

- Provide a minimum one-year warranty on all workmanship and supplied equipment, unless otherwise specified.
- Respond to any service or warranty calls within an agreed-upon timeframe.
- Offer optional ongoing maintenance or service agreements to ensure continued performance.

Equipment & Materials List

- Epson {V11HA25120} POWERLITE L735U FULL HD WUXGA LONG-THROW Laser Projector (Qty 1)
- Motorized Projection Screen 137" Diagonal, 16:10 HD Format (Qty 1)
- Middle Atlantic {EWR-16-17SD} 16SP/17D ECONO WLRK,BK,DR (Qty 1)
- Middle Atlantic {UD3} 3 Space Utility Drawer (Qty 2)
- Middle Atlantic {SS} SLIDING SHELF, HEAVY DUTY (Qty 1)
- Da-Lite {44509} Wireless Mic System, 1x Handheld (Qty 14)
- Vaddio {999-85600-000} 2-Way Ceiling Loudspeaker, Pair (Qty 3)
- Da-Lite {34468L} COSMO 164D 87X139NPA MW (Qty 1)
- Chief {CMS003} Fixed Pipe 3” (Qty 1)
- ICOM {HS95} Headset (Qty 12)
- Anchor Audio {MEGAVOX SYSTEM ECO 1} WIRED MIC 90P & STAND (Qty 2)
- Extron {60-1005-02} MLC 62 RS D (Qty 1)
- Netally HH Tools {EXT-ANT-TRIBAND} External Directional Tri-Band Antenna (Qty 2)
- Shure {UA844+SWB/LC} FIVE WAY ANTENNA SPLITTER (Qty 2)
- Chief {RPMAUW} UNIVERSAL MOUNT (Qty 1)
- Chief {CMA110W} 8" CEILING PLATE White (Qty 1)
- Middle Atlantic {PWR-9-RPM} HORIZONTAL POWER DISTRIBUTION 9 OUTLET, 15Amp (Qty 1)
- ROLLS {RM89} Rackmount Audio Mixer (Qty 1)
- Technical Pro {BLUEDECK2} Rackmount Bluetooth Receiver (Qty 1)
- Kramer Electronics {C-HM/HM-35} CABLE (Qty 2)
- Kramer Electronics {C-HM/HM-6} HDMI TO HDMI CABLE 6’ (Qty 1)
- Shure {SM58S} CARDIOID DYNAMIC, ON-OFF SWITCH (Qty 2)
- Shure {UA825} ANTENNA CABLE 25 FT (Qty 2)
- Covid, Inc. {EHB-220-W} HDBaseT Set, HDMI 4K, 18G, Tx-WP+ Rx-Box (Qty 1)
- Covid, Inc. {VP-CSP1425-06} RCA to 3.5MM Stereo Cable (Qty 2)
- Covid, Inc. {C6-RJ-BLK-75} Cat 6, RJ45 to RJ45, Black Jacket, 75ft (Qty 2)
- Covid, Inc. {THB-200} HDBaseT Set, THB-200 + RBH-200 (Qty 1)
- Covid, Inc. {EHW-200} Wireless HDMI to HDMI Extender Set, 4K (Qty 1)
- Covid, Inc. {SH41-220} Switcher, HDMI 2.0, 4x1, 18G, Audio Extractor (Qty 1)
- Covid, Inc. {QT-C-4703} Custom Rack Panel (Qty 1)

Equipment & Materials List Cont.

- Covid, Inc. {USB-AB-06} USB 2.0 Cable, A-Male to B-Male, 6ft (Qty 1)
- Covid, Inc. {MC-HD2S-18IN} Micro Slim Line HDMI Cable, 4K, 18G, 18in (Qty 4)
- Covid, Inc. {CSP1455-22-50} RCA Stereo Cable, Male to Male, 50ft (Qty 1)
- Covid, Inc. {VP-CSP1455-03} RCA Stereo Audio Cable, Male to Male, 3ft (Qty 1)
- Covid, Inc. {PS-USB5V21A} USB Charger, 5V 2.1A, Black (Qty 1)
- Covid, Inc. {PST-0001-04} 6 Outlet Power Strip w/ Surge Suppressor, 4ft (Qty 2)
- Covid, Inc. {CVA0200-14-BULK} 14-2, Unshielded, Bulk Cable (P.P.F. - Qty 250')
- HOSA Technology {MSB-521BK} 72" Microphone stand with 36" Boom (Qty 2)
- HOSA {MBL-105} Economy Microphone Cable, Hosa XLR3F to XLR3M, 5ft (Qty 4)
- HOSA {MCL-130} Microphone Cable, Hosa XLR3F to XLR3M, 30 ft (Qty 4)
- QSC {GX5} 2 CHANNEL X 500W AMPLIFIER (Qty 1)
- JBL {IRX108BT} 8" Portable Monitor Speaker (Qty 2)

Comments

- Install the following equipment: 7000 Lumen Laser Projector. Motorized Projection Screen 137" Diagonal, 16:10 HD Format. Wall mounted Control for Projector and Screen. Wall mounted Equipment Rack
  (2) 3-Space utility drawers, Sliding Shelf, Sequenced Power Distributor Rackmount Audio Mixer, Bluetooth Receiver, Dual Handheld Wireless Mic System. Power Amplifier. Install 2 wall mounted speakers in front of the room. (2) 8" Powered Stage Monitors. 12 Behind the Ear Wireless Mics, 2 Choir Mics on Boom Stands
  Provide user training & all additional materials necessary for a complete system.

Terrace Hills Middle School
VAPA - SOW

Scope of Work – Terrace Hills Middle School, Audiovisual System Supply / Installation

Project Overview

Project Title: Multipurpose Room (Terrace Hills Middle School/MPR) Audiovisual System Installation

Project Number: 026-19JB Terrace Hills Middle Schools

Location: Terrace Hills Middle School (22579 De Berry St, Grand Terrace, CA 92313)

The project includes procurement and installation of audiovisual components and related accessories to create a fully functional presentation and sound system for school use.

General Requirements

- Furnish and install a complete and operational audiovisual (AV) system in accordance with project drawings, specifications, and manufacturer recommendations.
- Coordinate with the owner, architect, IT team, and other trades to ensure seamless integration with existing infrastructure.
- Conduct a pre-installation site survey to verify conditions, power availability, and cabling pathways.
- Provide a detailed installation plan and schedule, subject to owner approval prior to commencement of work.

Equipment Supply

- Supply all audiovisual equipment, components, and accessories as specified or equivalent approved models, including displays, projectors, screens, speakers, microphones, cameras, control systems, cabling, mounts, racks, and associated hardware.
- Ensure all supplied equipment is new, factory-sealed, and compliant with current industry standards and regulations.
- Provide all necessary mounting hardware, connectors, adapters, and interconnects for a complete and functional system.

Installation and Integration

- Perform installation, mounting, and alignment of all ELEC / AV equipment in accordance with manufacturer instructions and approved shop drawings.
- Route, terminate, and label all signal, control, and power cables in accordance with EIA/TIA 568 and 569B standards.
- Integrate all components into a cohesive and user-friendly system, ensuring compatibility between devices and networks.
- Configure and program all ELEC / AV control systems, DSPs, and user interfaces for optimal performance and usability.

Testing, Commissioning, and Quality Assurance

- Conduct system testing, calibration, and performance verification for all devices and subsystems.
- Ensure all cabling, terminations, and connections are properly installed, labeled, and tested for continuity, polarity, and signal integrity.
- Provide a final system demonstration to verify full functionality and compliance with design intent.
- Submit detailed test results and commissioning reports for owner review and approval.

Compliance and Safety

- Adhere to all applicable local building codes, electrical regulations, and safety requirements, including OSHA standards.
- Ensure all installations meet fire safety, accessibility, and equipment ventilation requirements.
- Implement necessary dust control, protection, and cleanup procedures during and after installation.

Documentation and Training

- Provide complete as-built drawings, equipment lists, configuration settings, and wiring diagrams in both printed and digital formats.
- Supply operation and maintenance manuals for all installed systems and components.
- Conduct user orientation and hands-on training sessions for end-users and facility staff, covering operation, basic troubleshooting, and maintenance procedures.
- Provide post-installation technical support for a defined warranty period as specified in the contract.

Warranty and Post-Installation Support

- Provide a minimum one-year warranty on all workmanship and supplied equipment, unless otherwise specified.
- Respond to any service or warranty calls within an agreed-upon timeframe.
- Offer optional ongoing maintenance or service agreements to ensure continued performance.

Equipment & Materials List

- Epson {V11HA25120} POWERLITE L735U FULL HD WUXGA LONG-THROW Laser Projector (Qty 1)
- Motorized Projection Screen 137" Diagonal, 16:10 HD Format (Qty 1)
- Middle Atlantic {DWR-18-17PD} 18SP/17D WALLRACK W/PLEXI (Qty 1)
- Middle Atlantic {ERK-2120LRD} 21SP/20D STANDALONE W/ST (Qty 1)
- Middle Atlantic {UD4} 4SP UTIL. DRAWER.BLK (Qty 2)
- DALITE {70289} Advantage Manual With CSR Ceiling Recessed Series (Qty 1)
- Middle Atlantic {SS} SLIDING SHELF, HEAVY DUTY (Qty 1)
- Middle Atlantic {UD3} 3 Space Utility Drawer (Qty 2)
- Middle Atlantic {PFD-21} 21SP PLEXI FRONTDR,UNIV.B (Qty 1)
- Da-Lite {44509} Wireless Mic System, 1x Handheld (Qty 18)
- Vaddio {999-85600-000} 2-Way Ceiling Loudspeaker, Pair (Qty 6)
- Extron {60-1005-02} MLC 62 RS D (Qty 1)
- Extron {60-1005-01} XPA 4002 TWO CHANNEL AMP 400 WATTS (Qty 1)
- ICOM {HS95} Headset (Qty 16)
- Shure {UA844+SWB/LC} FIVE WAY ANTENNA SPLITTER (Qty 2)
- Chief {RPMAUW} UNIVERSAL MOUNT (Qty 1)
- Chief {CMS024W} FIXED PIPE 24" (Qty 1)
- Chief {CMA110W} 8" CEILING PLATE WHITE (Qty 1)
- Chief {CMA340} STABILIZATION KIT (Qty 1)
- Middle Atlantic {PDS-615R} SEQUENCED POWER STRIP (Qty 1)
- ROLLS {RM89} Rackmount Audio Mixer (Qty 1)
- Technical Pro {BLUEDECK2} Rackmount Bluetooth Receiver (Qty 1)
- Kramer Electronics {C-HM/HM-35} CABLE (Qty 2)
- Kramer Electronics {C-HM/HM-6} HDMI TO HDMI CABLE 6’ (Qty 1)
- Shure {SM58S} CARDIOID DYNAMIC, ON-OFF SWITCH (Qty 2)
- Covid, Inc. {EHB-220-W} HDBaseT Set, HDMI 4K, 18G, Tx-WP+ Rx-Box (Qty 1)
- Covid, Inc. {VP-CSP1425-06} RCA to 3.5MM Stereo Cable (Qty 2)
- Covid, Inc. {C6-RJ-BLK-75} Cat 6, RJ45 to RJ45, Black Jacket, 75ft (Qty 2)
- Covid, Inc. {THB-200} HDBaseT Set, THB-200 + RBH-200 (Qty 1)
- Covid, Inc. {EHW-200} Wireless HDMI to HDMI Extender Set, 4K (Qty 1)

Equipment & Materials List Cont.

- Covid, Inc. {SH41-220} Switcher, HDMI 2.0, 4x1, 18G, Audio Extractor (Qty 1)
- Covid, Inc. {QT-C-4703} Custom Rack Panel (Qty 1)
- Covid, Inc. {USB-AB-06} USB 2.0 Cable, A-Male to B-Male, 6ft (Qty 1)
- Covid, Inc. {MC-HD2S-18IN} Micro Slim Line HDMI Cable, 4K, 18G, 18in (Qty 4)
- Covid, Inc. {CSP1455-22-50} RCA Stereo Cable, Male to Male, 50ft (Qty 1)
- Covid, Inc. {VP-CSP1455-03} RCA Stereo Audio Cable, Male to Male, 3ft (Qty 1)
- Covid, Inc. {PS-USB5V21A} USB Charger, 5V 2.1A, Black (Qty 1)
- Covid, Inc. {PST-0001-04} 6 Outlet Power Strip w/ Surge Suppressor, 4ft (Qty 2)
- Covid, Inc. {CVA0200-14-BULK} 14-2, Unshielded, Bulk Cable (P.P.F. - Qty 250')
- HOSA Technology {MSB-521BK} 72" Microphone stand with 36" Boom (Qty 2)
- HOSA {MBL-105} Economy Microphone Cable, Hosa XLR3F to XLR3M, 5ft (Qty 4)
- HOSA {MCL-130} Microphone Cable, Hosa XLR3F to XLR3M, 30 ft (Qty 2)
- HOSA {MST-140BK} Mic Stand Tripod Base Black (Qty 2)
- Shure {UA825} ANTENNA CABLE 25 FT (Qty 2)
- Covid, Inc. {CSP3400-22-500R} (2) 22-2 Individually Shielded TP Plenum 500 Reel (Qty 1)
- Covid, Inc. {W1136S-W} 1-Gang, Neutrik 3 Pin XLR Male, White (Qty 1)
- Middle Atlantic {PWR-9-RPM} HORIZONTAL POWER DISTRIBUTION 9 OUTLET, 15Amp (Qty 1)
- HOSA Technology {XLR-807} 8 CHANNEL 23' AUDIO SNAKE XLR-M TO XLR-F (Qty 2)
- HOSA Technology {HMIC-025} 25' MIC CABLE (Qty 2)
- HOSA Technology {HSX-030} Pro Balanced Interconnect, REAN 1/4 in TRS to XLR3M, 30 ft (Qty 2)
- JBL {JBLTRIPOD-MA} JBL manual adjust speaker tripod (Qty 2)
- Mackie {2404VLZ4} 24-channel 4-bus FX Mixer with USB (Qty 1)

Comments

- Install the following equipment: 7000 Lumen Laser Projector, replacing existing projector, mount and Cabling. Motorized Projection Screen 137" Diagonal, 16:10 HD Format. Wall mounted Control for Projector and Screen. Wall mounted Equipment Rack. 2 3-Space utility drawers, Sliding Shelf, Sequenced Power Distributor Rackmount Audio Mixer, Bluetooth Receiver, Dual Handheld Wireless Mic System Power Amplifier. Install 2 wall mounted speakers in front of the room. Run cabling to the back of the room and install Wall Plate to provide an input for Mixer and PC. Assemble mobile cart, load equipment, terminate all connections. Install powered floor Monitors. Include Wireless Mic Systems for 16 Wireless Behind the Ear Microphones and all related equipment. Provide user training & all additional materials necessary for a complete system.

Wilson Elementary School,
VAPA - SOW

Scope of Work – Wilson Elementary School, Audiovisual System Supply / Installation

Project Overview

Project Title: Multipurpose Room (Wilson Elementary School/MPR) Audiovisual System Installation

Project Number: 026-19JB - Wilson Elementary School

Location: Wilson Elementary School (750 S 8th St, Colton, CA 92324)

The project includes procurement and installation of audiovisual components and related accessories to create a fully functional presentation and sound system for school use.

General Requirements

- Furnish and install a complete and operational audiovisual (AV) system in accordance with project drawings, specifications, and manufacturer recommendations.
- Coordinate with the owner, architect, IT team, and other trades to ensure seamless integration with existing infrastructure.
- Conduct a pre-installation site survey to verify conditions, power availability, and cabling pathways.
- Provide a detailed installation plan and schedule, subject to owner approval prior to commencement of work.

Equipment Supply

- Supply all audiovisual equipment, components, and accessories as specified or equivalent approved models, including displays, projectors, screens, speakers, microphones, cameras, control systems, cabling, mounts, racks, and associated hardware.
- Ensure all supplied equipment is new, factory-sealed, and compliant with current industry standards and regulations.
- Provide all necessary mounting hardware, connectors, adapters, and interconnects for a complete and functional system.

Installation and Integration

- Perform installation, mounting, and alignment of all ELEC / AV equipment in accordance with manufacturer instructions and approved shop drawings.
- Route, terminate, and label all signal, control, and power cables in accordance with EIA/TIA 568 and 569B standards.
- Integrate all components into a cohesive and user-friendly system, ensuring compatibility between devices and networks.
- Configure and program all ELEC / AV control systems, DSPs, and user interfaces for optimal performance and usability.

Testing, Commissioning, and Quality Assurance

- Conduct system testing, calibration, and performance verification for all devices and subsystems.
- Ensure all cabling, terminations, and connections are properly installed, labeled, and tested for continuity, polarity, and signal integrity.
- Provide a final system demonstration to verify full functionality and compliance with design intent.
- Submit detailed test results and commissioning reports for owner review and approval.

Compliance and Safety

- Adhere to all applicable local building codes, electrical regulations, and safety requirements, including OSHA standards.
- Ensure all installations meet fire safety, accessibility, and equipment ventilation requirements.
- Implement necessary dust control, protection, and cleanup procedures during and after installation.

Documentation and Training

- Provide complete as-built drawings, equipment lists, configuration settings, and wiring diagrams in both printed and digital formats.
- Supply operation and maintenance manuals for all installed systems and components.
- Conduct user orientation and hands-on training sessions for end-users and facility staff, covering operation, basic troubleshooting, and maintenance procedures.
- Provide post-installation technical support for a defined warranty period as specified in the contract.

Warranty and Post-Installation Support

- Provide a minimum one-year warranty on all workmanship and supplied equipment, unless otherwise specified.
- Respond to any service or warranty calls within an agreed-upon timeframe.
- Offer optional ongoing maintenance or service agreements to ensure continued performance.

Equipment & Materials List

- Epson {V11HA25120} POWERLITE L735U FULL HD WUXGA LONG-THROW Laser Projector (Qty 1)
- Da-Lite {44509} Wireless Mic System, 1x Handheld (Qty 2)
- Extron {60-1005-02} MLC 62 RS D (Qty 1)
- Chief {RPAMAUW} UNIVERSAL MOUNT (Qty 1)
- Middle Atlantic {PDS-615R} SEQUENCED POWER STRIP (Qty 1)
- ROLLS {RM89} Rackmount Audio Mixer (Qty 1)
- Technical Pro {BLUEDECK2} Rackmount Bluetooth Receiver (Qty 1)
- Kramer Electronics {C-HM/HM-35} CABLE (Qty 2)
- Kramer Electronics {C-HM/HM-6} HDMI TO HDMI CABLE 6’ (Qty 1)
- Shure {SM58S} CARDIOID DYNAMIC, ON-OFF SWITCH (Qty 2)
- Covid, Inc. {EHB-220-W} HDBaseT Set, HDMI 4K, 18G, Tx-WP+ Rx-Box (Qty 1)
- Covid, Inc. {VP-CSP1425-06} RCA to 3.5MM Stereo Cable (Qty 2)
- Covid, Inc. {C6-RJ-BLK-75} Cat 6, RJ45 to RJ45, Black Jacket, 75ft (Qty 2)
- Covid, Inc. {THB-200} HDBaseT Set, THB-200 + RBH-200 (Qty 1)
- Covid, Inc. {EHW-200} Wireless HDMI to HDMI Extender Set, 4K (Qty 1)
- Covid, Inc. {SH41-220} Switcher, HDMI 2.0, 4x1, 18G, Audio Extractor (Qty 1)
- Covid, Inc. {QT-C-4703} Custom Rack Panel (Qty 1)
- Covid, Inc. {USB-AB-06} USB 2.0 Cable, A-Male to B-Male, 6ft (Qty 1)
- Covid, Inc. {MC-HD2S-18IN} Micro Slim Line HDMI Cable, 4K, 18G, 18in (Qty 4)
- Covid, Inc. {VP-CSP1455-03} RCA Stereo Audio Cable, Male to Male, 3ft (Qty 1)
- Covid, Inc. {PS-USB5V21A} USB Charger, 5V 2.1A, Black (Qty 1)
- Covid, Inc. {PST-0001-04} 6 Outlet Power Strip w/ Surge Suppressor, 4ft (Qty 2)
- Covid, Inc. {CVA0200-14-BULK} 14-2, Unshielded, Bulk Cable (P.P.F. - Qty 250’)
- HOSA Technology {MSB-521BK} 72" Microphone stand with 36" Boom (Qty 2)
- HOSA {MBL-105} Economy Microphone Cable, Hosa XLR3F to XLR3M, 5ft (Qty 4)
- HOSA {MCL-130} Microphone Cable, Hosa XLR3F to XLR3M, 30 ft (Qty 2)

Comments

Install the following equipment, 7000 Lumen Laser Projector, replacing existing projector, mount and cabling.
Utilize existing electric screen; Install rack mounted Control for Projector and Screen.
Utilize existing floor Equipment Rack; Upgrade Sequenced Power Distributor Rackmount Audio Mixer, Bluetooth Receiver, Dual Handheld Wireless Mic System
Utilize existing Power Amplifier & Utilize existing Speakers; Provide user training & all additional materials necessary for a complete system

Zimmerman Elementary School, VAPA - SOW

Scope of Work – Zimmerman Elementary School, Audiovisual System Supply / Installation

Project Overview

Project Title: Multipurpose Room (Zimmerman Elementary School/MPR) Audiovisual System Installation

Project Number: 026-19JB - Zimmerman Elementary School

Location: Zimmerman Elementary School (11050 Linden Ave, Bloomington, CA 92316)

The project includes procurement and installation of audiovisual components and related accessories to create a fully functional presentation and sound system for school use.

General Requirements

- Furnish and install a complete and operational audiovisual (AV) system in accordance with project drawings, specifications, and manufacturer recommendations.
- Coordinate with the owner, architect, IT team, and other trades to ensure seamless integration with existing infrastructure.
- Conduct a pre-installation site survey to verify conditions, power availability, and cabling pathways.
- Provide a detailed installation plan and schedule, subject to owner approval prior to commencement of work.

Equipment Supply

- Supply all audiovisual equipment, components, and accessories as specified or equivalent approved models, including displays, projectors, screens, speakers, microphones, cameras, control systems, cabling, mounts, racks, and associated hardware.
- Ensure all supplied equipment is new, factory-sealed, and compliant with current industry standards and regulations.
- Provide all necessary mounting hardware, connectors, adapters, and interconnects for a complete and functional system.

Installation and Integration

- Perform installation, mounting, and alignment of all ELEC / AV equipment in accordance with manufacturer instructions and approved shop drawings.
- Route, terminate, and label all signal, control, and power cables in accordance with EIA/TIA 568 and 569B standards.
- Integrate all components into a cohesive and user-friendly system, ensuring compatibility between devices and networks.
- Configure and program all ELEC / AV control systems, DSPs, and user interfaces for optimal performance and usability.

Testing, Commissioning, and Quality Assurance

- Conduct system testing, calibration, and performance verification for all devices and subsystems.
- Ensure all cabling, terminations, and connections are properly installed, labeled, and tested for continuity, polarity, and signal integrity.
- Provide a final system demonstration to verify full functionality and compliance with design intent.
- Submit detailed test results and commissioning reports for owner review and approval.

Compliance and Safety

- Adhere to all applicable local building codes, electrical regulations, and safety requirements, including OSHA standards.
- Ensure all installations meet fire safety, accessibility, and equipment ventilation requirements.
- Implement necessary dust control, protection, and cleanup procedures during and after installation.

Documentation and Training

- Provide complete as-built drawings, equipment lists, configuration settings, and wiring diagrams in both printed and digital formats.
- Supply operation and maintenance manuals for all installed systems and components.
- Conduct user orientation and hands-on training sessions for end-users and facility staff, covering operation, basic troubleshooting, and maintenance procedures.
- Provide post-installation technical support for a defined warranty period as specified in the contract.

Warranty and Post-Installation Support

- Provide a minimum one-year warranty on all workmanship and supplied equipment, unless otherwise specified.
- Respond to any service or warranty calls within an agreed-upon timeframe.
- Offer optional ongoing maintenance or service agreements to ensure continued performance.

Equipment & Materials List

- Epson {V11HA25120} POWERLITE L735U FULL HD WUXGA LONG-THROW Laser Projector (Qty 1)
- Middle Atlantic {UD2} 2 Space Utility Drawer (Qty 1)
- Da-Lite {44509} Wireless Mic System, 1x Handheld (Qty 2)
- Da-Lite {34468L} COSMO 164D 87X139NPA MW (Qty 1)
- Motorized Projection Screen 137" Diagonal, 16:10 HD Format (Qty 1)
- Chief {CMS012W} FIXED PIPE 12" WHITE (Qty 1)
- Extron {60-1005-02} MLC 62 RS D (Qty 1)
- Chief {RPMAUW} UNIVERSAL MOUNT (Qty 1)
- Chief {CMA110W} 8" CEILING PLATE White (Qty 1)
- Middle Atlantic {PWR-9-RPM} HORIZONTAL POWER DISTRIBUTION 9 OUTLET, 15Amp (Qty 1)
- ROLLS {RM89} Rackmount Audio Mixer (Qty 1)
- Technical Pro {BLUEDECK2} Rackmount Bluetooth Receiver (Qty 1)
- Kramer Electronics {C-HM/HM-35} CABLE (Qty 2)
- Kramer Electronics {C-HM/HM-6} HDMI TO HDMI CABLE 6’ (Qty 1)
- Shure {SM58S} CARDIOID DYNAMIC, ON-OFF SWITCH (Qty 2)
- Covid, Inc. {EHB-220-W} HDBaseT Set, HDMI 4K, 18G, Tx-WP+ Rx-Box (Qty 1)
- Covid, Inc. {VP-CSP1425-06} RCA to 3.5MM Stereo Cable (Qty 2)
- Covid, Inc. {C6-RJ-BLK-75} Cat 6, RJ45 to RJ45, Black Jacket, 75ft (Qty 2)
- Covid, Inc. {THB-200} HDBaseT Set, THB-200 + RBH-200 (Qty 1)
- Covid, Inc. {EHW-200} Wireless HDMI to HDMI Extender Set, 4K (Qty 1)
- Covid, Inc. {SH41-220} Switcher, HDMI 2.0, 4x1, 18G, Audio Extractor (Qty 1)
- Covid, Inc. {QT-C-4703} Custom Rack Panel (Qty 1)
- Covid, Inc. {USB-AB-06} USB 2.0 Cable, A-Male to B-Male, 6ft (Qty 1)
- Covid, Inc. {MC-HD2S-18IN} Micro Slim Line HDMI Cable, 4K, 18G, 18in (Qty 4)
- Covid, Inc. {CSP1455-22-50} RCA Stereo Cable, Male to Male, 50ft (Qty 1)
- Covid, Inc. {VP-CSP1455-03} RCA Stereo Audio Cable, Male to Male, 3ft (Qty 1)
- Covid, Inc. {PS-USB5V21A} USB Charger, 5V 2.1A, Black (Qty 1)
- Covid, Inc. {PST-0001-04} 6 Outlet Power Strip w/ Surge Suppressor, 4ft (Qty 2)
- Covid, Inc. {CVA0200-14-BULK} 14-2, Unshielded, Bulk Cable (P.P.F. - Qty 250’)
- HOSA Technology {MSB-521BK} 72" Microphone stand with 36" Boom (Qty 2)

Equipment & Materials List Cont.

- HOSA {MBL-105} Economy Microphone Cable, Hosa XLR3F to XLR3M, 5ft (Qty 4)
- HOSA {MCL-130} Microphone Cable, Hosa XLR3F to XLR3M, 30 ft (Qty 2)
- QSC {GX5} 2 CHANNEL X 500W AMPLIFIER (Qty 1)
- JBL Control {31} Two-way, High Output In/Out Loud Speaker BL (Qty 2)

Comments

- Install the following equipment: 7000 Lumen Laser Projector, replacing existing projector, mount and cabling. Motorized Projection Screen 137" Diagonal, 16:10 HD Format. Wall mounted Control for Projector and Screen. Wall mounted Equipment Rack 2 3-Space utility drawers, Sliding Shelf, Sequenced Power Distributor Rackmount Audio Mixer, Bluetooth Receiver, Dual Handheld Wireless Mic System Power Amplifier. Install 2 wall mounted speakers in front of the room.
  Provide user training & all additional materials necessary for a complete system.