

1. General

The Woodland Community College project is a new construction project that encompasses a performing arts theater, five classrooms, one culinary classroom, hospitality Training space, and a food service space. Each of these spaces have an AV component which is currently being installed by others. See drawing package Woodland CC AVC System Delta A17 ASI17 12Dec2022 and specification document Woodland PAC AVC System Specification Delta A17 ASI17 12Dec2022 for reference.

2. Scope of Work

2.1 The selected AV contractor shall provide the following equipment listed in section 6. This equipment is broken out into three areas.

- a. Supplementary audio equipment to support shows during performances.
- b. Additional speakers and amplifier to support outdoor/entry coverage.
- c. Additional video source equipment for displays and projection.

2.2 The AV Contractor shall provide the supplementary audio equipment directly to the College with the devices configured and installed in portable rack. All the equipment shall be tested.

2.3 The AV Contractor shall install the two speakers at the entry of the building and connected back to equipment room, AVR02-01, Data Rom 925. The amplifiers shall be integrated into the existing QSC processor. The amplifier shall be mounted into the existing rack, AVR02-01.

2.4 QSC Software – The AV Contractor shall modify/add QSC software to the existing system as required to allow audio of all sources to be routed to the entry speakers. This will include both QSC processor, the Theater System and the corresponding touch panels.

2.4 The AV Contractor shall provide all project management, engineering, supervision, and installation services necessary to provide a complete and working system including, but not limited to, equipment, procurement, fabrication, system testing, commissioning, tuning and training.

2.5 Cable and Conduit Infrastructure – The Electrical Contractor shall be responsible for supplying and pull all low voltage audiovisual, network, and control cables. The AV Contractor shall be responsible for all low voltage terminations. The AV Contractor shall verify the Consultant's design package for all facility cable call outs and provide

engineered drawings for the Electrical Contractor. The AV Contractor shall provide all cable engineering specifications, documentation, terminations, connectors, terminal blocks, and similar devices required for the work under this specification. All facility cables junction boxes and back boxes and shall be provided under Division 1

2.6 AV contractor shall be responsible for working closely with the conduit contractor to help reduce the size of the conduits where possible and to combine conduits and pull boxes as a means to help reduce the overall cost of the conduit system. The AV Contractor shall follow all signal level rules for audio visual systems and shall avoid combining signal levels together where noise could be induced into the system.

2.7 The AV Contractor shall bid on this project as specified.

3. Training

3.1 The AV Contractor shall provide training for all AV technicians assigned by the Owner. The training shall be complete for all systems, equipment and devices furnished in this specification. The AV Contractor shall document a minimum of sixteen (4) hours of training with the name of the trainer and the technicians attending the training.

3.2 The training shall be provided by a qualified system engineer on all systems and equipment, and shall include all instruction, troubleshooting, tools, and equipment necessary for service, maintenance, and programming of the equipment and devices.

3.3 All costs and arrangements for the training including transportation, lodging and per diem during training, as well as any tools and equipment required shall be supplied by the AV Contractor.

4. Delivery, Storage, and Handling

4.1 AV Contractor shall bear the costs of all shipping to the site, and of all usual and unusual storage requirements. AV Contractor shall make appropriate arrangements, and coordinate with the authorized personnel at the site, for the proper acceptance, handling, protection, and storage of equipment to be delivered.

5. Warranty

5.1. Warranty Period -AV Contractor guarantees that all of the work shall be free from defects in materials and workmanship for a period of twelve (12) months from the date of Owner acceptance, or from the date of first usage of the work by Owner personnel, whichever occurs first. The first usage date shall be agreed to in writing by the Owner and AV Contractor within five (5) working days of the first usage. Component warranty service shall apply to repairs only made necessary by normal component

wear and proper component usage. The warranty service does not apply to any Owner furnished equipment and labor. Transportation of warranty substitutes, or test systems, equipment, devices material, parts and personnel to and from the jobsite shall be provided at no expense to the Owner during the warranty period. AV Contractor shall activate all manufacturers' equipment warranties in Owner's name to commence on the date of system acceptance.

- 5.2 Warranty Operations - AV Contractor shall provide the Owner with a telephone number, which during both normal working hours and during non-standard working hours, will be answered by a professional telephone answering service. In the event of a malfunction, the pre-designated owner's representative(s) will call the AV Contractor's warranty service telephone number and request service. The AV Contractor will respond to the Owner's initial service request by phone within twenty-four (24) hour time. The AV Contractor's initial response shall consist of qualified personnel calling the Owner's facility and reviewing the service request. AV Contractor's service personnel shall then initiate a program of repair to correct the service problem as requested by the Owner.

6. Equipment

Qty	Manufacturer	Model Number	Description	Purpose
2	Shure	UA874-US	Antenna	Plays and Performances
1	Shure	UA844+SWB	Antenna Distribution	Plays and Performances
4	Shure	ULXD4Q=-G50	Quad Digital Wireless Receiver	Plays and Performances
8	Shure	ULXD1LEMO3=-G50	Belt Pack Transmitter	Plays and Performances
8	Shure	TH53T/O-LEMO	Twin Plex Subminiature Microphone Headset	Plays and Performances
16	Shure	SB900B	Rechargeable Battery	Plays and Performances
2	Shure	SBRC-US	Battery Rack Charging Station	Plays and Performances
8	Shure	SBC-AX	Battery Cartridge	Plays and Performances
2	Shure	SM58-LC	Handheld Wired Microphone, Cardioid Dynamic	Orchestra Pit Plays and Performances
4	Shure	SM57-LC	Handheld Wired Microphone, Cardioid Dynamic	Orchestra Pit Plays and Performances
2	Shure	KSM137/SL Stereo	KSM137 Stereo Pair, A27M Stereo Mic Adapter	Orchestra Pit Plays and Performances
2	Shure	SM81-LC	Cardioid Condenser Microphone	Orchestra Pit Plays and Performances
1	Shure	Beta 53A	Dynamic Kick Drum Microphone	Orchestra Pit Plays and Performances
3	Shure	Beta 56A	Super cardioid Swivel-Mount Dynamic Microphone	Orchestra Pit Plays and Performances Instrument App
2	Shure	Beta 27	Super cardioid Side-Address Condenser Microphone	Orchestra Pit Plays and Performances Vocal App
8	Shure	ULXD2/SM58=-G50	Handheld Wireless Microphone, Cardioid Dynamic	Plays and Performances
1	SKB Bright Sign	3SKB-R12U20W	12U Shock Mount Rack, Wheels & Handle	Plays and Performances Equipment Rack
1	Sign	XT244	Media Player	For Lobby Displays & Theater Projection
1	Denon	DN-500BD	BluRay, DVD, CD Player	Theater Media Player
1	QSC	CX-Q 4K8	8 Channel Amplifier	Exterior Out Door Patio
8	Extron	60-1309-02	SM28 Surface Mount Speakers	Exterior Out Door Patio
1	Extron	70-994-02	Yoke Mount	Speaker Mount
2	Black Magic	CONVCMIC/HS/12G	HDMI to HDSDI Converter	Converter for Video Switcher