

SECTION 26 27 23

AUDIO/VISUAL SYSTEM PROVISIONS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS:

- A. The Conditions of the Contract and applicable requirements of Divisions 0 and 1 and Section 26 00 01, "Electrical General Provisions", govern this Section.

1.2 DESCRIPTION OF WORK:

[VERIFY REQUIREMENTS]

- A. Work Included: Provide audio/visual system rough-in work as shown, scheduled, and as required.
- B. Type: Provide input power provisions and a complete box, sleeve, and raceway system for installation of audio/visual systems.
- C. Provisions: Typical provisions will include, but not be limited to rough-in for equipment power, lighting control system interface, speakers, microphones, control equipment and similar devices.
- D. System Installation: Audio/visual system equipment, racks, speakers, microphones, controls, wiring, connections and accessories will be provided **[under a separate contract] [under other Divisions]**.

PART 2 - PRODUCTS

2.1 MATERIALS AND COMPONENTS:

- A. Raceways: Provide audio/visual system raceway system as specified in Section 26 50 01, "Electrical Basic Materials and Methods", Section 26 05 33, "Electrical Raceways", and Section 26 05 24, "Electrical Boxes".

PART 3 - EXECUTION

3.1 INSTALLATION OF RACEWAY SYSTEM:

- A. General: Refer to Section 26 05 01, "Electrical Basic Materials and Methods", Section 26 05 33, "Electrical Raceways", and Section 26 05 34, "Electrical Boxes", for installation requirements of the raceway system.
- B. Sleeves: In riser areas where sleeves are provided for cables through floors, pack sleeves with sufficient UL-listed fire safing insulation or foam to equal the rating of the floor after completion of cable installation.
- C. Receptacles: Provide duplex or fourplex receptacles at audio/visual system equipment locations as shown.
- D. Misuse: Do not use audio/visual system raceways for temporary construction power wiring.
- E. Pull Cords: Provide a polypropylene pull cord in all audio/visual system conduits.
- F. Air Plenums: All cable in return air plenums shall be installed in an approved raceway or shall be of a cable construction UL-approved for installation in air plenums. All tie-raps used with cables shall be plenum rated.
- G. Lighting Control System Interface: Lighting control relays and wiring shall be provided for interface with audio/visual systems.

3.2 COORDINATION:

- A. Prior to installation of the audio/visual system provisions, coordinate required provisions with the audio/visual system vendor/installer selected for the project. Where conduit and junction box provisions are significantly different from those shown on the Drawings, notify the Architect/Engineer in writing of the requirements. Where minor modifications to provisions are required, they shall be made at no additional cost as a matter of job coordination.

3.3 IDENTIFICATION:

- A. Refer to Section 26 05 01, "Electrical Basic Materials and Methods", for nameplates, identification and warning signs.
- B. All audio/visual system provisions shall be clearly identified to indicate their intended use. Identification in finished areas shall be concealed inside boxes.

END OF SECTION 26 27 23