PART 1 - GENERAL

1.01 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.02 SUMMARY

B. Provide structural backing for television monitor supports and projection screens. Provide accommodation in ceiling for projection screen mounting.

C. Television monitor supports will be provided by the Owner under a separate contract.

D. Related requirements specified elsewhere include:
   1. Electrical raceway and wiring to monitor locations – Division 26, Electrical.

1.03 QUALITY ASSURANCE

A. Reference Standards: Manufacturer's specifications and recommendations.

1.04 SUBMITTALS

A. Installation drawings and wiring diagrams.

1.05 OPERATION AND MAINTENANCE DATA

a. Manufacturer’s instructions.

PART 2 - PRODUCTS

2.01 TELEVISION SET SUPPORTS

A. Flush-Mount Television monitor supports shall be Video Mount Products, Inc., “LCD-F” flush-mount brackets for LCD screens up to 37-inches, with in-wall backplate, or equal, standard matte black finish.

B. Wall-Mount Television monitor supports:
   1. For LCD screens up to 23-inches: Video Mount Products, Inc., “LCD-1”, or equal, wall-mount adjustable brackets, powdercoat matte black finish.
   2. For LCD screens up to 50-inches: Chief Manufacturing, a division of Milestone AV Technologies, “MSR” Series, or equal, wall-mount brackets, powdercoat matte black finish.
   3. For LCD screens up to 63-inches: Video Mount Products, Inc., “PDM-FTB”, or equal, articulating wall-mount brackets, powdercoat matte black.
4. For In-Wall Extension Mounting of LCD screens up to 71-inches: Chief Manufacturing, a division of Milestone AV Technologies, “PAC501 and PNR1W” Series, or equal, in-wall-mount brackets, powdercoat matte black finish, designed to keep LCD monitor within 4-inches of the wall surface. Provide with accessories as necessary for a complete installation.

C. Ceiling-Mount Television monitor supports:
   1. For LCD screens up to 23-inches: Video Mount Products, Inc., “LCD-1C”, or equal, ceiling-mount brackets, powdercoat matte black finish.
   2. For LCD screens up to 63-inches: Video Mount Products, Inc., “PDM-CB”, or equal, ceiling-mount brackets, powdercoat matte black finish.

2.02 AUDIO-VISUAL COMPUTER INTERFACE

A. Wall Control Panel: Extron Electronics, Inc., model CIA-114; flush-mounted interface between computer and video monitor. Provide with 13W3 Input adapter kit and VGA-A M M-D Series cables for each panel; color: white.

2.03 PROJECTOR SUPPORTS

A. Ceiling-Mount Projector supports shall be Video Mount Products, Inc., “PM-1” universal-mount brackets for large video projector up to 24-inches wide and 7.75-inches tall, with in-ceiling backplate, or equal, powdercoat finish.

2.04 ELECTRICALLY-OPERATED PROJECTOR LIFTS

A. Projector lift assemblies shall be Draper, Inc., "LCD-A" or approved equal, electrically operated, UL listed remotely-operated ceiling lift with ceiling access door which accepts ceiling tile matching surrounding ceiling. Provide lift with closure to accept ceiling tile matching surrounding ceiling.

2.05 ELECTRICALLY-OPERATED PROJECTION SCREENS

A. Projection screen assemblies shall be Da-Lite Screen Company "Boardroom Electrol" or Draper Shade & Screen Company "Envoy", or approved equal, electrically operated, UL listed.
   1. Borderless glass beaded screen, flame retardant, mildew resistant.
   2. Wood enclosure, prime painted.
   3. Three position switch control station.
   4. Viewing Area: 120-inches wide x 96-inches high. Provide with sufficient drop to bring bottom of viewing area to within 42-inches of the finish floor.

B. Provide brackets and anchors as required.

2.06 MANUAL PROJECTION SCREENS

A. Projection screen assemblies shall be Da-Lite Screen Company "Model C" or Draper Shade & Screen Company "Luma 2", or approved equal, 60 x 60-inch viewing area, wall-mounted. Provide “matte white” reflective viewing surface with black borders. Provide sufficient drop to bring bottom of viewing area to within 36-inches of the floor.
PART 3 - EXECUTION

3.01 PREPARATION

A. Coordinate with work specified in Division 26 for electric circuits to equipment locations.
B. Coordinate with work specified in Divisions 25, 27, and 28 for data cabling to equipment locations.
C. Provide steel structural backing as specified in Section 05 50 00. Coordinate with separate contractor to determine exact size and configuration of structural backing.
D. Provide structural backing of fire-retardant plywood as specified in Section 06 10 00. Coordinate with separate contractor to determine exact size and configuration of structural backing.

3.02 INSTALLATION

A. Install in accordance with reference standards.
B. Clean, adjust and test equipment.
C. Protect installed equipment from damage during construction.

END OF SECTION 11 52 00