

**SECTION 27 05 61
LEASED SPACE, COMMUNICATIONS EQUIPMENT AND SYSTEMS**

SPEC WRITER NOTES:

1. Edit this specification section between //____//, to fit project, or delete if not applicable.
2. Contact VA's AHJ, Spectrum Management and COMSEC Service (SMCS 0050P2H3), (202-461-5310), for all technical assistance.
3. Included throughout this specification are references to system's interface capability and various related features. System designer must verify availability of this system and coordinate associated requirements and subsequent interfaces.

PART 1 - GENERAL

1.1 DESCRIPTION

- A. This section includes leased space communications equipment and systems for VA Construction projects utilizing Solicitation for Offers (SFO) Design Guide and other government approved projects utilizing non-government owned facilities.

1.2 RELATED WORK

- A. Electrical conductors and cables in electrical systems rated 600 V and below: Section 26 05 21, LOW VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES (600 VOLTS AND BELOW).
- B. Lightning protection system: Section 26 41 00, FACILITY LIGHTNING PROTECTION.
- C. General electrical requirements that are common to more than one section in Division 27: Section 27 05 11, REQUIREMENTS FOR COMMUNICATIONS INSTALLATIONS.
- D. Requirements for personnel safety and to provide a low impedance path for possible ground fault currents: Section 27 05 26, GROUNDING AND BONDING FOR COMMUNICATIONS SYSTEMS.
- E. Conduits for cables and wiring: Section 27 05 33, RACEWAYS AND BOXES FOR COMMUNICATIONS SYSTEMS.
- F. Low voltage cabling system infrastructure: Section 27 10 00, CONTROL, COMMUNICATION AND SIGNAL WIRING.
- G. Equipment cabinets, enclosures, racks, and associated hardware in telecommunications rooms: Section 27 11 00, TELECOMMUNICATIONS ROOM FITTINGS.

- H. Voice and data cable distribution system and associated equipment:
Section 27 15 00, COMMUNICATIONS STRUCTURED CABLING.
- I. Voice communication switching and routing equipment: Section, 27 31 00
VOICE COMMUNICATIONS SWITCHING AND ROUTING EQUIPMENT.
- J. Extension of a voice communication switching and routing system:
Section 27 31 31, VOICE COMMUNICATIONS SWITCHING AND ROUTING EQUIPMENT
EXTENSION.
- K. Emergency 2-way radio equipment: Section 27 32 41, TWO-WAY RADIO
EQUIPMENT AND SYSTEMS.
- L. High Definition (HDTV) Master Antenna Television (MATV) system and
associated equipment: Section 27 41 31, MASTER ANTENNA TELEVISION
EQUIPMENT AND SYSTEMS.
- M. Emergency Service Public Address System (PAS) and associated equipment:
Section 27 51 16, PUBLIC ADDRESS AND MASS NOTIFICATION SYSTEMS.
- N. Intercom Systems: Section 27 51 23, INTERCOMMUNICATIONS AND PROGRAM
SYSTEMS.
- O. Nurse-Call and Code Blue Communication Systems and associated
equipment: Section 27 52 23, NURSE CALL AND CODE BLUE SYSTEMS.
- P. Security Unit Door Signal Systems, Narcotics Storage Signal Systems and
Elapsed Time Indicators: Section 27 52 41, MISCELLANEOUS MEDICAL
SYSTEMS.
- Q. Local two way communication systems for Public Safety Radio, VA radios,
commercial Wireless Service Providers, and Cellular equipment: Section
27 53 19, DISTRIBUTED RADIO ANTENNA (WITHIN BUILDING) EQUIPMENT AND
SYSTEM.
- R. Emergency Call telephones, intercom systems, with blue strobe light and
Equipment: Section 28 52 31, SECURITY EMERGENCY CALL/DURESS.
- S. General requirements common to more than one section in Division 28:
Section 28 05 00, COMMON WORK RESULTS FOR ELECTRONIC SAFETY AND
SECURITY.
- T. Physical Access Control System field-installed Controllers connected by
data transmission network: Section 28 13 00, PHYSICAL ACCESS DETECTION.
- U. Physical Access Control Database Management System: Section 28 13 16,
PHYSICAL ACCESS CONTROL SYSTEM AND DATABASE MANAGEMENT.
- V. Detection and Screening Systems: Section 28 13 53, SECURITY ACCESS
DETECTION.

- W. Intrusion sensors and detection devices, and communication links to perform monitoring, alarm, and control functions: Section 28 16 11, INTRUSION DETECTION EQUIPMENT AND SYSTEMS.
- X. Video surveillance system cameras, data transmission wiring, and control stations with associated equipment: Section 28 23 00, VIDEO SURVEILLANCE EQUIPMENT AND SYSTEMS.
- Y. Duress-Panic Alarms, Emergency Phones / Call-Boxes, Intercom Systems, data transmission wiring and associated equipment: Section 28 26 00, ELECTRONIC PERSONAL PROTECTION EQUIPMENT AND SYSTEMS.

PART 2 - PRODUCTS

2.1 SCHEDULE FOR LEASED EQUIPMENT AND SYSTEMS

- A. // Insert schedule for leased equipment and systems //

PART 3 - EXECUTION

3.1 INSTALLATION REQUIREMENTS

- A. Follow all manufacturers' recommendations and guidelines.

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