

SECTION 16702

NURSE CALL EQUIPMENT

PART 1 - GENERAL

1.01 WORK INCLUDED

- A. Furnish and install a complete nurse call system between the nurse's station and the isolation CAPD and patient toilet rooms.
- B. This work includes a master station, remote stations, dome lights, transformer, conduit and wiring as illustrated on the accompanying drawings and hereinafter specified.

1.02 REFERENCE DOCUMENTS

- A. The Special Provisions for electrical work are hereby made a part of this Section of the Work. Refer to Section 16010.

1.03 SUBMITTALS

- A. Submit complete manufacturer's specification data on the complete system and each type of material to be used.

PART 2 - PRODUCTS

2.01 MASTER NURSE CALL

- A. Furnish and install Cornell Series 4000 Annunciator, Model #A-4006. Provide Model #A-4010 if more than 6 nurse calls, #A-4020 if more than 10, #A-4030 if more than 20, etc. Station complete with flush box, cover, visual LED's, buzzer and silence switch for operation at 24V A.C. at Nurse Station, as shown on Drawing.
- B. Furnish and install Cornell Series 4000 Power Supply, Model #P-512243A, 120/24V, 30 VA capacity.

2.02 REMOTE STATIONS

- A. Patient toilet stations (2-Reqd.) shall be Cornell Series 4000, Model #E-114-3 single switch, with flush plate and pull cord mounted adjacent to W.C.
- B. Isolation, CAPD Room and (exam rooms only in Texas) call stations (1-Reqd.) shall be Cornell Series 4000, Model #E-114-3 single switch, flush wall plate, with call-placed indicator light mounted on single gang flush cover.

- C. Dome lights shall be Cornell Series 4000, Model #L-101, with white lamp mounted above door trim.
- D. Nocturnal bedside Station located at each patient station (Nocturnal Application Only) shall be Cornell Series 4000, Model #B-111/EP, bedside station with reset switch, call confirmation LED, and receptacle for pendant Model #SW-510.
- E. Changing Rooms (Nocturnal Applications Only) shall be Cornell Series 4000, Model #E-114-3, pull station with single switch, flush wall plate, and call placed indicator light mounted on single gang flush cover.
- F. Lounge Duty Station (Nocturnal Application Only) shall be Cornell Series 4000, Model #DS-110, annunciator with LED indication and manual high or low volume tone.

2.03 SYSTEM WIRING

- A. Wire transformer (2) 12# THHN, (1) 12# Cu Gnd. - 1/2" C; From transformer secondary extend (2) 14# THHN, (1) 14# Cu Gnd. fused at transformer, to master nurse call annunciator.
- B. From annunciator extend (4) 16# AWG to each call station with (2) 16# to each call station dome light.

PART 3 - EXECUTION

3.01 STATIONS

- A. Mount master station flush at 50" above finished floor plans with building.
- B. Mount signal devices flush where shown on the plans.
- C. All Low-Voltage interconnecting wiring shall be not smaller THHN 16#AWG.

END OF SECTION