

SECTION 17005 - INTELLIGENT SYSTEMS INTEGRATION

1.0 GENERAL:

1.1 Division 17 Contractor shall provide seamless and intelligent integration to:

- a. Direct Digital Control (DDC) Building Management System
- b. Fire Detection & ~~Voice Evacuation~~ System **Clarification: Voice evacuation is not required in the fire alarm system for this project. [Add6-16.a]**
- c. Security & CCTV System
- d. Lighting Control System
- e. Variable Frequency Drives
- f. Chillers
- g. Boilers
- h. UPS/ PDU's
- i. Diesel Generator Back Up Power Systems
- j. Emergency Transfer Switch(es)
- k. Computer Room HVAC Systems
- l. High Voltage Switch Gear

1.2 Division 17 Contractor shall furnish and install:

- a. Building Management & Control System
- b. Direct Digital Control (DDC) Energy Management & Control System
- c. Fire Detection & Voice Evacuation System
- d. Security Access Control & CCTV System
- e. Lighting Control System
- f. ~~Variable Frequency Drives (delivered to jobsite only)~~ **Delete Item f. under Paragraph 1.2. [Add6-16.b]**
- g. High Voltage Switch Gear (delivered to jobsite only)

1.3 Quality Assurance:

- a. The systems shall be installed by competent personnel regularly employed by the manufacturers of the control equipment. All control equipment shall be the product of one manufacturer.
- b. The Contractor shall have local maintenance capabilities available within a 50-mile radius of the job site.
- c. Assurance provisions of this section are specified in section 17010.

1.4 Approved Contractors and Manufacturers for this Project:

- a. Siemens Building Technologies, Inc.
- b. Johnson Controls IFC

END OF SECTION