SECTION 15970D - FACILITIES MANAGEMENT AND CONTROL SYSTEM

A. SECTION INCLUDES

1. Automatic control system, which includes control of temperature, humidity, pressure and flow.

B. SECTION DOES NOT INCLUDE

1. Motor control, although the automatic control system can control motors and motor controllers.

C. EXISTING CONDITIONS

1. The existing DDC system is manufactured and serviced by Landis and Gyr Powers, Inc.

2. The system is a System 600 Facilities Management and Control System, consisting of: software, hardware, computers and printers

3. The existing DDC control system is used for:
   a. Monitoring, commanding and alarming a network of control points in most campus buildings (more than 34).
   b. Graphics Integration of network information.
   c. Transfer of files between buildings.

D. DESIGN CRITERIA FOR NEW SYSTEM

1. Refer to UC standard specification as a guide for creating Section 15970 - ELECTRONIC CONTROL SYSTEMS (DIRECT DIGITAL CONTROL)

2. System must be capable of communicating all controller information (Analog, digital inputs and outputs, software points, point data bases, controller programs, controller LAN diagnostics and computer alarm notification) with the existing system.

3. The new system must be accessible to and from the existing system, without the necessity of modifying the existing system nor adversely affecting it’s performance.

4. System must be complete with all hardware, wiring, tubing, computing equipment, software and any ancillary items necessary to operate as required.

END