

DIGITAL ELECTRONICS

September 30, 2010

I. PROGRAM REQUIREMENTS

Refer to the project-specific Schedule of Spaces for student stations, square footage, and for any requirements that may differ from the prototype requirements listed below:

- 1 Laboratory
- 1 Material Storage Room

II. PROGRAM FURNITURE AND EQUIPMENT

Refer to the Furniture and Equipment List for Owner-provided furniture and equipment.

III. SPECIAL CONSIDERATIONS

1. Heating/Ventilation/Air Conditioning

Standard, in accordance with the General Design Requirements section.

2. Acoustical

Standard, in accordance with the General Design Requirements section.

3. Floor

Provide a smooth, non-conducting floor covering in the Laboratory and Technology Resource Center in accordance with OSHA standards (at least 40,000 volts).

4. Walls

Standard, in accordance with the General Design Requirements section.

5. Ceiling

Standard, in accordance with the General Design Requirements section.

6. Lighting

Standard, in accordance with the General Design Requirements section.

7. Windows

Standard, in accordance with the General Design Requirements section.

8. Doors

Standard, in accordance with the General Design Requirements section.

9. Water

Provide one (1) sink with cold water in the Laboratory.

10. Communications

Provide a clock, speaker, and intercom handset in the Laboratory.

Provide data outlets with adjacent power outlets in the Laboratory, number as directed, in accordance with SDHC standards.

Provide one (1) voice/data outlet in the Laboratory, in accordance with SDHC standards.

Provide a TV bracket with DVD/VCR bracket, CCTV jack, and adjacent power outlet in the Laboratory, in accordance with SDHC standards.

11. Electrical

Provide a duplex outlet at each Owner-provided workstation in the Laboratory.

12. Gas and Air

Not applicable

13. Safety

Standard, in accordance with the General Design Requirements section.

14. Fencing

Not applicable

15. Service Drives

Not applicable

16. Parking

Not applicable

17. Contractor-Provided Equipment and Casework

Laboratory

Provide six (6) linear feet of base and wall cabinets, to include the sink and one (1) adjacent bank of graduated drawers, countertop to be 36" above the floor.

Material Storage Room

Provide four (4) general storage cabinets, in accordance with SDHC standards.

18. Contractor-Provided Instructional Aids

Laboratory

Provide a 12' wide x 4' high markerboard with a 4' wide x 4' high tackboard on one (1) side, bottom to be mounted 36" above the floor.

Provide a wall-mounted audio-visual projection screen, approximately 70" x 70", centered over the markerboard.

19. Other Considerations

In the Laboratory the Owner will provide a total of 24 computer workstations. The type of workstation and the configuration will vary depending on the program and the design of the space.

SPACE RELATIONSHIPS

