SECTION 281650 - SYSTEMS PROGRAMMING COMPUTER

1. GENERAL
   * + 1. RELATED WORK SPECIFIED ELSEWHERE
          1. Perimeter Security Multiplex System: Section 281603.
          2. Perimeter Surveillance CCTV System: Section 282301.
          3. CCTV/Audio Monitoring System - Special Housing Unit: Section 282302.
       2. DESCRIPTION
          1. The systems programming computer is used in conjunction with the systems listed in RELATED WORK SPECIFIED ELSEWHERE for the following:

To program, or aide in programming of the system’s equipment.

To save the system’s programming on a floppy disc.

To reload the saved programming from the floppy disc back into the system.

* + - 1. SUBMITTALS
         1. Submittals for this section are subject to the re-evaluation fee identified in Article 4 of the General Conditions.
         2. Manufacturer’s installation instructions shall be provided along with product data.
         3. Submittals shall be provided in the order in which they are specified and tabbed (for combined submittals).
         4. Waiver of Submittals: The “Waiver of Certain Submittal Requirements” in Section 013300 does not apply to this Section.
         5. Product Data:

Catalog sheets, specifications, and installation instructions.

Data proving that the programming computer being proposed can perform the programming functions associated with the related systems.

* + - * 1. Contract Closeout Submittals:

Operation and Maintenance Data: Deliver 2 copies, covering the products, to the Director’s Representative.

1. PRODUCTS
   * + 1. SYSTEMS PROGRAMMING COMPUTER
          1. PC compatible laptop computer; having:

Compatibility with International Business Machine (IBM) Personal Computer (PC), running MS-DOS version 6.2 or later and Microsoft Windows NT version 4.0 or later.

A minimum of 32 megabytes of RAM memory.

Attached display, with:

High quality backlit liquid crystal display (LCD).

25 line (minimum) display of 80 characters (minimum) per line.

Built in disc drive, 3-1/2 inch or 1.44MB size as required to run software for systems listed in RELATED WORK SPECIFIED ELSEWHERE.

Minimum 8X speed, built-in CD-ROM.

Minimum one gigabyte hard disk drive.

Internal Hayes compatible 28,800 Baud modem.

One RS-232 serial port and one parallel port.

Internal, rechargeable battery pack.

AC adapter and battery charger.

Accessories as required to make connections to, and perform the programming functions associated with the related systems, including:

Interconnection cables.

Programming software and manuals.

10 double sided floppy discs (sized same as disc drives).

1. EXECUTION
   * + 1. INSTALLATION
          1. After the system programming is completed:

Save the system’s programming of each system on a separate floppy disc.

Deliver the systems programming computer, floppy discs and accessories to the Director’s Representative. Do not turn items listed over directly to facility staff.

The Director’s Representative will turn items over to Department of Correctional Services Facility Planning for review by MIS staff.

END OF SECTION 281650