

ENGINEER APPLICATION PERSONAL COMPUTER

The Standard Specifications are revised as follows:
SECTION 105, DELETE LINES 1001 THROUGH 1093.

SECTION 105, AFTER LINE 1094, INSERT AS FOLLOWS:

The computer shall be in accordance with the requirements shown below.

1. *Desktop System.*
 - a. *Microprocessor: Intel Pentium, 1.9 GHz, or faster.*
 - b. *256 MB RAM, or larger.*
 - c. *One 1.44 MB 3.5 in. floppy disk drive.*
 - d. *One fixed disk (hard drive), minimum 40 GB.*
 - e. *24X CD ROM drive, or faster.*
 - f. *Sound blaster compatible sound system.*
 - g. *An SVGA display adapter, 32 Mb video ram minimum.*
 - h. *MPEG video.*
 - i. *A minimum of one serial port.*
 - j. *One parallel port.*
 - k. *One mouse and mouse pad.*
 - l. *A 101 key enhanced keyboard, minimum*
 - m. *A 56 KB V.90 modem*
 - n. *Operating system shall be Windows XP (Home or Pro). The Contractor shall provide and install in a timely manner all critical updates/patches concerning security and virus control to the Operating Systems when necessary.*
2. *SVGA Display.*
 - a. *A 432 mm (17 in.) color display monitor, or larger.*
 - b. *1024 x 768 resolution, or better.*
 - c. *Dot pitch 0.28 mm, or better.*
3. *An inkjet printer shall be provided meeting or exceeding the following.*
 - a. *HP compatible print codes.*
 - b. *Fully compatible with DOS programs. HP Deskjet 600 or 900 series or 3820 or 5550. Other brand printers or models are acceptable if they are equal to the above printers and capable of printing from Paradox for DOS. The connection shall be via parallel port. USB connections are not acceptable.*
4. *Software.*
 - a. *Paradox, Ver. 4.5 for DOS, if available. If the Contractor cannot provide this software, the Contractor shall notify the appropriate Department District computer specialist.*
 - b. *Microsoft Office XP, or newer*
 - c. *All install CDs for the Operating System, device drivers, and all*

software installed on the PC shall remain at the construction field office site in case that re-installation or re-configuration is required.

- d. McAfee antivirus software for Windows. This shall be the latest version and shall be fully installed, with Vshield option activated. The Contractor shall be responsible for providing periodic updates for the DAT and associated files containing new virus names, etc.*

5. Miscellaneous Requirements.

- a. Uninterruptible Power Supply (UPS) minimum 280VA/175W (15 minutes) with full time surge suppression and noise isolation, including RJ-11 connections for modem phone line surge protection. American Power Conversion (APC) model Back-UPS Pro 280 (APC part # BP280), or equivalent.*
- b. Dust covers for system unit, monitor, and printer.*
- c. Black ink cartridges and 8 1/2" x 11" sheet paper for inkjet printers shall be supplied and replenished as needed.*
- d. A supplemental phone line in addition to the standard telephone line shall be installed and connected to the PC modem through the UPS surge protection described above. If a supplemental phone line is being installed to accommodate a FAX machine, this same line may be used for joint FAX and PC communications using a line splitter or other appropriate device.*

The requirements shown herein shall be considered as minimum requirements. Equipment or software which exceeds these requirements may be furnished, except where DOS or Windows is specified.

All manuals necessary for operation of the system shall be provided. These shall include manuals for microcomputer operations, Windows operating system, monitor operation, printer operation and code references, and all other manuals or documentation normally furnished with the equipment or software when purchased. Appropriate dust covers shall be provided for all equipment.

The initial condition of the field office PC shall be nearly pristine. No owner installed e-mail accounts, games, spyware, online services, applications, network or other profiles shall be set up on this computer prior to placement. If the PC was used in a previous contract, all software not specified above, or otherwise provided by the Department, shall be removed prior to placement in the current field office.

The microcomputer system in the field office shall be installed, and maintained in good working order. If a portion of the system becomes defective, inoperative, damaged, or stolen, that portion

shall be repaired or replaced within five business days, Mondays through Fridays, after the Contractor is notified of such situation.

The Department will be utilizing the hardware and software specified herein to run Construction Management System software applications. These applications are known to run on Intel compatible equipment. If the Department experiences problems running these applications due to requirement compatibility, the Contractor shall, within five business days, Mondays through Fridays, replace and set up appropriate equipment to ensure compatibility to the satisfaction of the Department.
