

628-C-265 COMPUTER SYSTEM, COMPUTER SYSTEM EQUIPMENT, OFFICE MACHINE
AND COMMUNICATIONS

(Adopted 11-20-19)

The Standard Specifications are revised as follows:

SECTION 628, BEGIN LINE 170, DELETE AND INSERT AS FOLLOWS:

(c) Computer System and Computer System Equipment

When specified in the Schedule of Pay Items, the Contractor shall provide the computer system and computer system equipment in accordance with the minimum requirements listed below for the Department's exclusive use for each field office.

1. Computer System

- a. Laptop computer
- b. Processor – Intel ~~or AMD~~ compatible, *minimum dual-core 2.0 GHz*
- c. Memory – 8.0 GB, ~~1333~~1866 MHz
- d. Hard Drive – 500 GB, ~~5,400~~7,200 rpm or ~~128~~256 GB SSD (Solid State Drive)
- e. Ports – Two USB 2.0 compliant ports, *one USB 3.0 compliant port*
- f. Network/Wireless – Ethernet or wireless card to be compatible with the selected internet and office network connections
- g. Graphics – Integrated graphics card
- h. Display – *Minimum 15 in. WXGA*1366 by 768 LCD panel
- i. Battery – ~~Nine~~*Minimum 3-cell* Lithium ion
- j. Miscellaneous - One ~~compatible port replicator~~*laptop docking station compatible with the Monitor, with AC adapter, one additional AC adapter, one DC adapter, and one padded carrying case.*

The initial condition of the computer system shall be nearly pristine. All owner installed e-mail accounts, games, spyware, online services, applications, network or other profiles previously set up on the system shall be removed prior to placement in the field office. If the system was provided for a previous Department contract, all software not specified shall be removed prior to placement in the current field office.

The Contractor shall provide a minimum 900 J, six-outlet surge protector for each computer system specified in the contract.

2. Computer System Equipment

- a. Monitor – *Minimum 22 in. widescreen digital flat digital panel with VGA and DVI connections that enables connectivity to DisplayPort and HDMI connections or an adapter*
- b. Keyboard – USB ~~enhanced~~ multimedia keyboard
- c. Mouse – Optical USB 2-button scroll mouse
- d. Miscellaneous - One ~~port replicator~~*laptop docking station compatible with the Monitor, with AC adapter, one additional AC adapter, one DC adapter that is compatible with the Department's provided laptop or mobile device, and one minimum 900 J six-outlet surge protector.*

3. Computer Software

The Contractor shall provide software for the computer system in accordance with the minimum requirements listed below.

- a. Operating System Software – Windows 10 Professional.
- b. Productivity Software – Microsoft Office 2013 Small Business and Adobe Acrobat Professional ~~XDC~~.
- c. Security Software – McAfee ~~Virus Scan Plus~~ *Total Protection*.

SECTION 628, BEGIN LINE 244, DELETE AND INSERT AS FOLLOWS:

The Department will be utilizing the computer system to run or access Department provided construction management software applications. These applications are known to run on Intel ~~and AMD~~ compatible equipment when using the Windows 10 Professional operating system. If the Department experiences problems running these applications due to hardware or software compatibility, the Contractor shall replace the equipment to ensure compatibility to the satisfaction of the Engineer within five business days.

The computer system shall be maintained in good working order. If a portion of the system becomes defective, inoperable, damaged, or stolen, that portion shall be repaired or replaced within five business days after the Contractor is notified by the Engineer. If the computer system and related accessories are not maintained by the Contractor as required, the Engineer may withhold partial payments until the computer system is operational to the Department's satisfaction.

(d) Field Office Internet Service

The Contractor shall provide broadband internet service for the field office. Broadband internet service shall be capable of a minimum average ~~upload~~ *download* speed of ~~50~~ *550* Mbps and a minimum ~~download~~ *upload* speed of ~~50~~ *5* Mbps, unless otherwise approved by the Engineer.

SECTION 628, BEGIN LINE 302, DELETE AND INSERT AS FOLLOWS:

4. Miscellaneous Office Machine Requirements

The Contractor shall provide letter, legal and ledger size paper, ink cartridges and toner as required by the Engineer for the operation of each piece of equipment provided.

If any office machine becomes defective, inoperable, damaged, ~~or~~ *stolen, or incompatible with the Department provided devices*, that machine shall be repaired or replaced within five business days after the Contractor is notified by the Engineer. If any of the office machines are not maintained by the Contractor as required, the Engineer may withhold partial payments until the machine is operational to the Department's satisfaction.

SECTION 628, BEGIN LINE 333, DELETE AND INSERT AS FOLLOWS:

628.03 Mobile Internet Service

When specified, the Contractor shall provide mobile internet service for the Department's exclusive use.

The mobile broadband internet service access device will be used by the Department in a laptop computer provided by either the Contractor or the Department.

The device shall connect to the laptop via a USB 2.0 *or* USB 3.0 compliant port, or by wireless means. The device and service shall be capable of a minimum 3G speed. The internet service rate plan shall include unlimited data and time usage with no roaming charge for national domestic use. All software necessary for the operation of the device shall be provided to the Engineer.
