

TP38 – INSPECTION EQUIPMENT

1. GENERAL

None.

2. MATERIALS

Contractor shall provide to Elkhart County the following inspection equipment, or approved equals: Elkhart County Highway will provide the selected bidder with quotes for the below described equipment.

A. One (1) "NEW" Engineering Desktop:

New XI® MTower™ PCIe Workstation (Base Configuration)

Intel® Core™ i7-8086K LIMITED ANNIVERSARY EDITION 4.0/5.0GHz-1C Turbo Boost-Hi-Perf. Air Cooled-12MB Shared L3 Cache 8 GT/s DMI3 Six-Core 8th Gen. 14nm w/Artic Silver® 5 Thermal Compound (Req. Z370 Motherboard)

32GB DDR4 @ 3000MHz High Performance Aluminum Heat Spreader

NVIDIA® Quadro® P4000 8GB GDDR5 Pascal™ Architecture PCIe 16x 3.0-4xDisplayPort 1.4 Outputs- (w/ 1xDP-DVI Adapter)-1xStereo-VR Ready-DX12-OGL 4.5- Shad.M 5.1-Supports four monitors

500GB Solid State Drive NVMe Samsung® 970 EVO M.2 PCIe 3.0 x4 3400/2300MB/S Seq.R/W Shock Resistant 1500G.

HDD Std Ctrl. accordingly to Motherboard and HDD Type Selected

DVD+RW/DU+R-R/CD-RW Double Media 4.7/8.5GB 18x

On-Board Sound or accordingly to motherboard specifications

Logitech® Z200 Black PC Multimedia Speakers 10W RMS Power w/built in headphone jack

On-Board Network Connectivity accordingly to motherboard specifications

Logitech® Wireless Solar Cordless Desktop® MK750 Keyboard and Laser Mouse set programmable

Logitech® Corded 2+ Wheel Mouse Black Optical

Genuine Microsoft® Windows® 10 Professional 64-bit Fully installed, configured and updated, Includes original DVD media and COA
NVIDIA® GeForce® Experience for Windows

ASUS® PRIME Z370-P Intel® Z370 Chipset for 8th Gen CPU--2xPCIe 3.0/2.0 x16(16x/x4 mode)-4xPCIe X1-DDR4 to 64GB 4000(OC)/2133-1xGb LAN-1xM.2 Slots-4xSATA 6Gb/s RAID 0/1/5-HD Audio-BCHSxUSB 2.0/3.0-VGA-DVI.HDMI-ATX M/B

700W Bronze Certified 80 Plus Rosewill® Glacier-YOOM Semi-Modular 135mm Silent Aero Diversion Fan Single 12V+ Rail 85%+efficiency Active PFC PSU

Xi® MTower™ Fractal Design Define XL R2 Black Full ATX Case 3x14cm Quiet Fans with ModuVent&Noise-reducing material-4xFront USB 3.0/2.0-4x5 1/4" 8x3 1/2"- E-ATX/XL-ATX Supp.(Supports Dual Fan Radlator for O.C.) Dlm.(DxWxH):22.05"x9.13"x22.01"

Standard XI Warranty w/Express Advance Parts Replacement, Lifetime Tech Support, Three Year Labor FOB Xi, One Year on System parts. Manufacturer warranty on Software, Monitors and external accessories.(Freight both ways paid for parts only inside US & CA)

NEMA 5-15P to C13 Wall Plug, 125 Volt, 16AWG, 5 Feet. Standard Computer AC US Power Cord or other major countries standard Power Cord (AU/CH/DE/FR/IT/NZ/UK)

Resource Media DVD - Warranty, User's Guide Info and Device Drivers for the preinstalled Windows® OS

Intel® Inside™ Brand Processor Label affixed to the new PC

Certificate of Authenticity (COA) label for the preinstalled Microsoft® Windows® OS purchased with new PC - The Windows Product key sticker is affixed to the right side of the system (on Rackmounts can be found on left/rear/top panel)

48 to 72 Hour Extensive System Hardware and Software Burn-In Test Procedure for your new PC

**Two (2) New Samsung 8 Series S32D850T – LED monitor – 32"; Mfg.Part: S32D850T
Two (2) New HDMI to Display Port Cable – 10'**

B. Three (3) "NEW" "Business" Desktops with equal to or better specifications:

New HP ProDesk 400 G4

Model# 1GG07UT

Processor: Intel Core i5 (7th Gen) 7500/3.4 GHz (3.8 GHz turbo) (Quad-Core) with Intel HD Graphics 630

Memory: 8 GB (installed)/32 GB (max) - DDR4 SDRAM - non-ECC - PC4-19200 - 2400Mhz

Storage: 256GB Solid State Disk (SSD)

DVD-RW Optical Drive | DVD-Writer

OS Installed: Windows 10 Pro 64-bit Edition

8 Total USB - 4 x USB 2.0 (two of them with wake functionality) | 4 x USB 3.1 Gen1 (2 front, 2 rear)

2 x DisplayPort

1 x VGA

1 x headphones/microphone (1 in front)

1 x audio line-in

1 x audio line-out

1 x LAN (Gigabit Ethernet)

Bluetooth™ connectivity

Intel® Wireless-AC 9560 (2x2) Gigabit Wi-Fi

Three-year (3-3-3) limited warranty (Protected by HP Services, including a 3-year parts, 3 years labor, and 3 years onsite service)

Recovery DVDs

HP business PCs are shipped with a variety of software titles including: HP BIOSphere Gen3, CyberLink Power Media Player, Native Miracast Support, HP ePrint Driver, HP Support Assistant.

HP 4 Yr Next Business Day Onsite Extended Warranty for Desktops

HP SFF Chassis Tower Stand

HP USB PS2 Washable Keyboard and Mouse (BU207AT)

Display Cables: Six (6) New DVI to DisplayPort – 10'

Six (6) New Samsung 8 Series S32D850T – LED monitor – 32"; Mfg.Part: S32D850T

3. CONSTRUCTION

Equipment provided under this section shall become the property of Elkhart County and shall be delivered to the County Highway **at or before the Pre-Construction conference.**

Ship new computers from factory to Elkhart County Highway, 610 Steury Ave,
Goshen, IN 46528

4. PAYMENT

Items included in this item shall be paid for as Lump Sum under the pay item(s) noted below: An allowance for the purchase of this equipment is included in the Bid Tab. This is the maximum amount that would be paid for this equipment. The actual cost included in the quote provided by Elkhart County Highway will be paid to the selected bidder.

Pay Item

Inspection Equipment

Pay Unit

Lump Sum