

Indian Institute of Technology Kanpur
Department of Civil Engineering

Date: 31.01.2013

To,

Ref. No: CE/OSI/LTAS/05/2012-2013

Closing Date: 15.02.2013 Time: 5PM

Sub: Quotation for Desktop Computer

Dear Sir/Madam,

We would like to procure one desktop computer for use in Digital Photogrammetry, Image Processing, and GIS where 3D visualization, 3D feature extraction and mapping are integral tasks. You are invited to provide quotations with the following features facilitating aforementioned applications.

Required Features

Processor: Intel Xeon W3565

Intel® Xeon® Processor W3565

(8M Cache, 3.20 GHz, 4.80 GT/s Intel® QPI

Motherboard: Intel Workstation WX58BP

- Supports the Intel® Xeon® processor 3500/3600 series
- Highly scalable DDR3 memory (four DIMMs)
- Expandable 2 X PCIe 2.0 x16 slots to support ATI CrossFire technology
- High-speed IEEE 1394a port
- Intel 82567LF Gigabit Ethernet controller 10/100/1000Mb/s
- Support for DDR-3 800/1033/1333MHz
- 12 USB 2.0 Ports
- Support SATA Drive
- Intel high Definition Audio

RAM: 16GB

- 1333 MHz DDR3 Memory

HDD: Seagate SATA

- 2 TB Drive Capacity
- 7200RPM
- 64 MB Cache Memory

Graphic Card: Nvidia Quadro 4000

- 2 GB GDR5 memory
- 3 pin mini DIN Stereo Connector
- Memory Interface 256bit
- 3D Vision Pro Support via 3 pin mini DIN
- Display Connectors DL DVI (1), DP (2), Stereo 1

Keyboard & Mouse:

Logitech USB Keyboard and Mouse

DVD Writer

- Max 24x DVD±RW
- S-ATA interface

Monitor:

ASUS 27" LED 3D monitor with NVIDIA® 3D Vision™ 2 with 3D Glasses

- In Built IR emitter
- Uncompromised 27" 3D immersion with NVIDIA® 3D Vision™ 2 glasses and 3D LightBoost™
- Ultra smooth action with 120Hz refresh rate and 2ms tracer-free
- Vivid color performance with Splendid™ Video Intelligence Technology
- Ergonomic design for swivel, tilt angle, and height adjustment
- Extensive connectivity with HDMI 1.4, dual-link DVI-D, and D-sub

Cabinet with Power Supply

Cabinet Tower chassis with 120mm and 80 mm Fans, Corsair Active PFC Power Supply 500W or Higher.

UPS:

APC 1100VA.

Service Features

1. It must be noted that the machine should also be compatible for use with ERDAS Leica Photogrammetric suit with available emitter and 3D visualization spectacle (interested vendors are welcome to inspect these accessories) and modern digital photogrammetric mapping tools from other similar Software.
2. Warranty period should be clearly mentioned in the quotation. Local maintenance support should be available. If not, please mention where the machine will be serviced in the event of failure. Further mention whether stand-by machine will be provided during down time within warranty period.

You are requested to submit your quotation in sealed envelope mentioning the following:

1. Cost of the item including three years warranty/free maintenance
2. Technical specifications in detail
3. Warranty period (must be 03 years)
4. Delivery time (items are to be delivered at IIT Kanpur)
5. Educational discount applicable considering end use for research and teaching
6. Payment terms (as per standard IIT Kanpur norms)
7. Proprietary Certificate, if applicable
8. Any other relevant details

Last date for the receipt of quotations in a sealed envelope: February 15, 2013. Please note that your quotation must provide responses to all points raised under service features.

Please call Mr. R K Maurya at 2597722 for any further queries/clarifications in this regard.

Yours Sincerely

(Onkar Dikshit)

Professor

Department of Civil Engg.

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