

College of Engineering Trivandrum, Thiruvananthapuram

NOTICE INVITING TENDER

P7-ITCSR/5222/20/CET 12.11.2020
Tender No. :08/20/P7/ITC &SR (SR) DRIP
Superscription Computer with peripherals and videoconferencing system in Geoinformatics Lab
Last date and time of receipt of tender on the website (www.etenders.kerala.gov.in) : 9/12/2020 3 PM
Date and time of opening of tender : 11/12/2020 11 AM
Date upto which the rates are to be firm : 30/06/2021
Bidding fee : Rs.826/-(Rs.700/-+18%GST)
EMD required : Rs,3500/-
Address of the Officer to whom hard copy is to be send. : THE PRINCIPAL, COLLEGE OF ENGINEERING TRIVANDRUM, THIRUVANANTHAPURAM-695016, KERALA GSTIN:32AAAGC0358L1ZP

ITEM DESCRIPTION

Specification of Computer with peripherals and videoconferencing system in Geoinformatics Lab

SI No.	Item and Specifications	Quantity
1.	Desktop PC for high speed computations Operating System: Windows 10 Professional 64 Bit, Processor : 8th Generation Intel Core i7-8700:integrated Intel UHD Graphics 630 or better, Memory : 16 GB DDR4-2666 SDRAM or better,Hard Drive : 2TB 7200 rpm SATA HDD or better , Optical Drive : Slim DVD-Writer, Display : 27 inch QHD IPS Monitor with LED Backlight,Graphics : AMD Radeon RX 550 Graphics or better,Ports(Front) : 1 headphone;1 headset connector;3 USB3.1;1HDMI, Ports(Rear): 1 audio-in;1 audio-out;1 power connector;1RJ-45;4 USB 3.1;2 Display Port 1.2,Pointing Device : USB Wired Optical Mouse, Keyboard : USB Slim Keyboard, Network Interface : LAN:Integrated Intel 1219LM,Warranty : 3 Years Limited Warranty, Other Software Packages : Office 365	1 set
2	Sheet feed scanner Scan Resolution- upto 600 dpi or higher (colour and mono, Sheet-feed), Scanning-front, back, duplex, Interface: High speed USB, 8-bit Greyscale (256-Level), 24-bit Colour ,Media A4 and lesser sizes , Scan file format- For text & images: PDF, JPEG, PNG, BMP, TIFF, Text (.txt), Rich Text (rtf) and Searchable PDF, Professional quality, Automatic document feeder, Automatic Page Size Detection, Colour Enhancement (RGB), Auto Colour Detection, Shadow Cropping, MultiStream, Adjustable gamma settings, Skip Blank Page, Folio Mode, Scan Area Setting, Prevent Bleed Through/Remove Background, Background Smoothing, Shadow Cropping, Auto Resolution Setting, Double Feed Release, Double Feed Detection	1No.
3	Multi-functionduplex Printer Print, scan, copy resolution 600 x 600 dpi, Autoduplex printing, Output- Black and white, Laser, Reduce/enlargement-25 to 400%, Scan file format- JPG, RAW (BMP), PNG, TIFF, PDF, Pull scan with USB and network, Autodocument feeder, Network ready, Two side printing	1No
4	Video Conferencing system Supply and installation of a Video Conferencing system consisting ofCamera, Remote control, speaker phone Bluetooth wireless paring Touch controls, HUB / CABLE Central mountable Camera- Smooth motorized pan, tilt and zoom, Controlled from remote, pan and tilt- 260 and 130, Zoom- 10x loss less or better, Scalable Video Coding (SVC), Autofocus, 5 camera pre-sets , LED to confirm videostreaming, standard tripod thread, Remote control with dockablerange- 8.5m Speaker phone- Full-duplex performance, Acoustic echo cancellation, Noise reduction technology, Ultra-wideband audio, Bluetooth and NFC wireless technology,LCD for caller ID, call duration and other functional response LEDs for speakerphone streaming, mute, hold, etc.Microphones, four microphones supporting20-foot diameter range, Sensitivity: -28dB +/-3dB or better, Central mountable hub for connection of all Components, included adhesive solution for under-table mounting, Two cables for connection between hub and camera/, speakerphone, USB cable for connection to PC/Mac, Dual purpose mount for wall placement or for, elevating the camera on a table.	1set

General conditions

- The price quoted should be inclusive of all taxes, freight charges, unloading charges, installation and commissioning charges and should be furnished unambiguously.
- Payment: 100 % after successful supply, installation, commissioning and demonstration.
- Delivery Period: Maximum Delivery period will be 60 days from the date of receipt of supply order.
- Agreement as per NIT 2 in Rs.220/- Kerala Stamp Paper and tender form should be uploaded.
- 5.5% security deposit along with agreement should be furnished within a month/fortnight from the date of receipt of supply order.

6. Date of opening of tender: In case the proposed date declared as holiday, the tender will be opened on the next working day.
 7. After E-Tendering the hard copy of all documents such as agreement, brochure, should be submitted before the opening date. If exemption is needed from submitting the tender fee etc., copy of the order exempting should be attached with the above.
 8. Only GST registered firms can participate in the Tender. The firm under composition scheme must mention the words "Composition taxable person" in their quotation and should submit proof for that.
 9. Warranty: 3 Years
 10. The items should be delivered at the door without loading, unloading, transporting charges. They should be erected/installed and demonstrated free of cost.
- NB: The Tender procedure will be made as per Rules mentioned in the Revised Store Purchase Manual.

The bidders should participate in this tender through E-Tendering System. Tender cost and EMD should be submitted only through online. For more details Contact Ph.0471 2515572

**Sd/-
PRINCIPAL**