Rajiv Gandhi Institute of Technology, Kottayam

No. D3/2808/16/RIT   Dated: 01.03.2017

<u>TENDER SCHEDULE</u>

Superscription	: Tender No.D3/2808/16RIT, Purchase of Computers, Laptops and other related acessories for Central Library
Last date and time receipt of tender	: 23/03/2017 3 p.m
Date and time of opening of tender	: 28/03/217 2 p.m
Last date and time of sale of tender form	: 23/03/2017 11 a.m
Date upto which the rates are to be firm	: 30/09/2017
Cost of tender form	: **Original Rs.2,100/- includes 5% VAT** **Duplicate Rs.Nil** **By Post Rs.Nil**
Address of the Officer from whom Tender Forms are to be obtained to whom tenders are to be send	: THE PRINCIPAL, RAJIV GANDHI INSTITUTE OF TECHNOLOGY, VELLOOR P.O, PAMPADY, KOTTAYAM, KERALA, PIN - 686501

List of Items Required

Details of items	Quantity
1 List attached	

PRINCIPAL

Sl.No	Item Description	Quantity
1	Desktop Computer	11 nos
2	Lap Top Computer	2 nos
3	Flatbed Scanner Printer	1 no
4	Laser Printer	2 nos
5	Bluetooth Barcode Reader	2 nos
6	Barcode Printer	2 nos
7	Bluetooth Power Reader (barcode reader)	1 no

Detailed Specification

Desktop Computer

Intel Core i7,3.4 GHz Processor
8MB Cache/Intel Q77 or better on OEM Mother Board
4GB DDR3 RAm with 16 GB Expandability
500 GB 7200 rpm Serial ATA HDD
47 cm (18.5 inch) LED LCD Digital Colour Monitor
Keyboard and Optical Mouse
6 USB Poers/8X or better DVD ROM/W 10/100/1000 on board integrated Network/Linux
3 years on site Warranty and Manufacturer authorization letter should be enclosed

Laptop Computer

Processor:Intel® Core™ i5 -4210U with Intel HD Graphics 4400 (1.7 GHz, upto 2.7 Ghz with Intel TurboTechnology. 3MB cache, 2 cores) with integrated Chipset
4 GB 1600 MHz DDR3L SDRAM (1x4 GB)
500 GB 7200 rpm SATA HDD
Intel HD Graphics 4400

DVD +/-RW Super Multi DL
14" diagonal HD anti-glare LED-backlit (1366 x 768)
Network interface 10/100/1000
Wireless: 802.11b/g/n (1 x1) and Bluetooth® 4.0 Combo
Expansion slots: 1 multi-format digital media reader
2 USB 3.0; 2 USB 2.0; 1 HDM; 1 headphone/microphone combo; 1 AC power; 1 RJ-45; 1 VGA
Full -sized, spill resistant keyboard, Touchpad with gestures support, on/off button, two-way scroll, taps and gestures enabled, and finger zoom (pinch)
Battery life: Up to 11 hours
65 W EM Smart AC adapter
<2kg and 33.92 x 24.4 x 2.31 to 2.52 cm (front to rear)
3 years on site warranty and manufacure authorization letter should be enclosed

Laser Multifunctional Printer

30 PPM High Print Speed, Print Copy, Colour Scan
Auto Duplex, memory:32 MB,
Resolution:2400 x 600DPI, 250 Sheet Paper Tray
Interface: Hi -Speed USB 2.0, Multiple Copy: Up to 99
Inbox high yield Toner:2,600 pages
3 years on site warranty and manufacure authorization letter should be enclosed

Scanner

220 4800 x 4800dpi CIS, 48 bit, USB powered scanner with scan to cloud, Auto scan, 3 years on site warranty and manufacure authorization letter should be enclosed

Bluetooth barcode reader-

BLUETOOTH WIRELESS TECHNOLOGY
PROTOCOL: Bluetooth 2.0 Certified Class 2
RADIO FREQUENCY:2.4 Ghz
RADIO RANGE (OPEN AIR):30.0 m/ 98.4 ft

LED CLASSIFICATION: iec 60825-1 Class 1 LED Product
Read rate (maximum):325 read/sec.
AMBIENT LIGHT:0-100,000lux
Drop resistance: Withstands repeated drops from 1.8 m/ 5.9 ft onto a concrete surface
Print contrast ratio: Minimum 15%
With visual & audio confirmation of good read on the barcode of the product
LIGHT SOURCE:Illumination:LED Array 630-670 nm
Reading angle: Pitch : +/- 65º ; Roll (tilt):+/- 35º ; Skew (Yaw) : +/- 65º
Particulate and water sealing -IP52
Maximum resolution: 0.076 mm/ 3 mils
Decoding capability 1D/Linear codes   : Autodiscriminates all standard 1D codes including GS1 Databar linear codes Stacked codes   : GS1 DataBar Expanded Stacked; GS1 Dtabar Stacked; GS1 Data Bar Stacked Omnidirectional Warranty   : one year

Bar code Printer

Direct/thermal transfer printer
Print width: 4.25"
Print Resolution: 203 DPI
Print Speed: minimum 4" IPS
Ribbon length capacity: minimum 300 Meters
Ribbon set up: Bidirectional thermal transfer
OD of label roll capacity: maximum of 5"
Memory:64 MB Flash & 16 MB D RAM
Interface: RS232, USB.

Bluetooth Power Reader (barcode reader)

BLUETOOTH WIRELESS TECHNOLOGY:Piconet: Max. Readers per Radio Receiver Using Commercial Dongle: 7; Using Cradle:4

PROTOCOL: Bluetooth 3.0 Certified Class 1
RADIO FREQUENCY: 2.40 TO 2.48 GHz
RADIO RANGE (OPEN AIR): Class 1: Exceeds 90 m/295 ft
SECURITY: Data Encryption; Scanner Authentication
LASER CLASSIFICATION: Caution laser Radiation- Do not stare into beam CDRH Class II:IEC 60825 Cass 2
LED CLASSIFICATION: IEC 62471 Class 1 LED
AMBIENT LIGHT: 0-100,000lux
Drop resistance: Cradle: Withstands 50 drops from 1.2 m / 3.9 ft ot a concrete surface PBT9500   : Withstands 50 drops from 2.0 m/6.6 ft onto a concrete surface
Print contrast ratio: Minimum 15%
With visual & audio confirmation of good read on the barcode of the product
LIGHT SOURCE: Aiming:630-680 nm VLD **Illumination: White LEDs**
Reading angle: Pitch: +/-40º ; Roll (Tilt):360º; Skew (Yaw): +/- 40º
Particulate and water sealing - IP65
Maximum resolution: 1D Codes: 4 mil; 2D codes: 7.5 mil
Decoding capability 1D/Linear codes   : Autodiscriminates all standard 1D codes including GS1   Databar linear codes
2D codes   : Aztec Code; China Han Xin Code; Data Matrix; MaxiCode;   Micro QR code; QR code

Stacked codes   : EAN/JAN Composites; GS1 DataBar Composites;
 	
                   GS1 DataBar Expanded Stacked;GS1 Databar Stacked;
                   GS1 Databar Stacked Omni directional; MacroPDF;MIcro
                   PDF417; UPC A/E Compsoites

POSTAL CODES   : Australian Post; China post: IMB; Japanese Post KIX Post; Planet code; Portugese Post; Pstnet; Royal mail Code (RM4SCC); Swedish Post; Warranty one year