

# RAJAGIRI SCHOOL OF ENGINEERING & TECHNOLOGY

RAJAGIRI VALLEY P.O.

KOCHI – 682039

Ref: RSET/2420

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## **Notice inviting quotation for Personal Computers, server etc.**

Competitive quotations are invited for the supply of equipments for Advanced Research Lab. The quotation along with specifications, warranty period, taxes etc. should reach the undersigned on or before 10<sup>th</sup> October 2014. The list of equipments with specification is given below.

Principal

Rajagiri School of Engineering & Technology, Kochi

### **Technical Specification of Personal computers with WiFi card ( Advanced Research Lab (ECE))**

#### **ITEM :- 1**

**Device : Personal Computers –**

**No. of Systems Required : 30**

S.No.	Feature	Device	Remarks
1	Processor	Intel® 2 <sup>nd</sup> Generation Core™, i5, 2320 Processor (3.0GHZ) or above	Support for the latest Intel® 2nd Generation Core™ processors
2	Chipset	Intel Q65 Express Chipset	Intel latest chipset support 2nd generation core I Processors
3	Motherboard	OEM Motherboard	
4	Memory	8GB Non-ECC dual-channel 1066/ 1333 MHz DDR3 SDRAM, Memory Expandable to 16GB DDR3-1333Mhz	

5	Hard Disk Drive & controller	500GB SATA 3.0-( 6Gb/s Hard Drive ( 7200 RPM, NCQ, Smart IV) (Provision of Total of 2*Internal hard drive support); Support for 10k RPM Hard Drive.	SATA 6.0-Gb/s supports with SMART IV HDD which can help in prefailure alerts for the HDD, making service an ease and wide HDD capacity for always growing needs.
6	Optical Drive	SATA SuperMulti DVD Writer Lightscribe Drive	
7	Graphics	Intel HD Graphics (integrated) Discrete graphic support	
8	Audio	Integrated High Definition audio with Realtek ALC261 codec (all ports are stereo) with Internal Speaker	
9	Ethernet	Integrated Gigabit (10/100/1000 NIC) LAN (Support WOL / PXE & ASF 2.0)	
10	Slots	(1) <b>Full Height</b> PCI slot (2) Full Height PCIe x1 slots, (1) Full Height PCIe x16	
11	Bays	(2) 3.5-inch internal drive bay supporting hard disk drive (1) 3.5" external bay for optional Media Card Reader, pocket media drive, or Secondary HDD (2) 5.25" external bay for optional optical drive, or other 5.25" device	
12	Ports	<b>Rear I/O:</b> (6) USB 2.0, (1) standard serial port, (1) optional serial port (1) optional parallel port, (2) PS/2, (1) RJ-45, (1) VGA, audio in/out , (1) Display Port <b>Front I/O:</b> (4) USB 2.0, headphone and microphone, Dual color Diagnostic LEDs	Default support for integrated dual monitor support.
13	Power Supply	320-watt standard efficiency power supply, Active Power Factor Correction (PFC) Optional: 90% efficient energy saving power supply Energy Star 5.0 & EPEAT GOLD Certified	
14	Keyboard	USB 104 keys keyboard (Same make as PC)	
15	Mouse	USB Mouse (Same make as PC)	
16	Warranty	3-Year onsite warranty	

**ITEM :- 2**

Workstations enabled with WiFi card

1

8 core Processor

8 GB DDR3 SDRAM

ITB\_SATA hard drive (7200RPM)

Video card 1GB DDR3 Graphics

Monitor 18" wide screen LCD monitor

Warranty: 3 year onsite warranty

**ITEM :- 3****Technical Specification of server with 128 GB RAM**

<u>Description</u>	<u>Qty</u>
RACK Mountable SERVER	
Intel Xeon E5 2609V2 ( Quad Core) 2.5 Ghz 10 MB or better processor, 1333 MHz /1x8GB DDR3/1300GB SAS HDD 2.5" Hot Swap HDD/MULTI BURNER/RAID 01 In-built 3 years Onsite + 24x7	1
300 GB 10K 6Gbps SAS 2.5" SFF G2HS HDD	1
8GB 1Rx4 4GB LP 1.35V PC3- 12800 1600MHz	1
16GB 2Rx4 4GB LP 1.5V PC3-14900 1866MHz RDIMM	7