

**QUOTATION NOTICE**

Sealed competitive quotations are invited from reputed firms having offices in Thiruvananthapuram for the following items in the Scientometrics lab of the Department of Futures Studies, University of Kerala.

Sl.no	Item	Required Specification		Quantity
1	Desktop machines	Processor	Intel® Core™ i7-6700 with Intel HD Graphics 530 (3.4 GHz, 8 MB cache, 4 cores) or higher	2 (Two only)
		Motherboard/Chipset	Intel H110 Chipset or higher	
		RAM	8 GB DDR4 RAM but should be expandable up to 32GB; Minimum Two DIMM slots; Non-ECC dual-channel upto 2133 MT/s DDR4 SDRAM	
		Memory Expandable	Expandable up to 32 GB only	
		Graphics	Onboard Integrated Intel® HD Graphics or better	
		HDD	1 TB 7200 RPM SATA Hard Disk Drive, should support Solid State Drives	
		Monitor	18.5" or higher ( Same make as desktop)	
		Mouse	USB Optical Scroll Mouse (Same make as PC)	
		Keyboard	USB Keyboard (English) (Same make as PC)	
		Optical Drive	8X SuperMulti DVDRW SATA	
		Networking	Integrated 10/100/1000 NIC	
		Power Supply	Atleast 85% efficient power supply no more than 200W	
		Audio	Integrated High Definition audio, Standard internal speaker	
		I/O Ports	<u>Rear I/O</u> (4) USB 2.0 ports, (2) USB 3.0 Ports (1) VGA video port; (1) DisplayPort/DVI-D Port (1) RJ-45 network connector (1) RS-232 serial port 3.5mm audio in/out jacks PS/2 keyboard and mouse ports <u>Front I/O</u> (2) USB 2.0 ports 3.5mm headphone output and microphone jack	
Slots	1 x PCIex16, 1xPCIex1, 1xPCI			

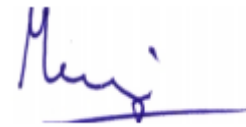
Sl.no	Item	Required Specification		Quantity
		Weights & Dimensions	Chassis(H x W x D) 14.13 x 6.69 x 13.98 in, System Weight 7.05 kg	
		Operating System	Windows 10 Pro	
		OS Certifications	Windows	
		Security	TPM 1.2 Security Chip SATA port disablement (via BIOS) Serial, parallel, USB enable/disable (via BIOS) Optional USB Port Disable at factory (user configurable via BIOS) Removable media write/boot control Power-On password (via BIOS) Administrator password (via BIOS) Setup password (via BIOS) Support for chassis padlocks and cable lock devices	
		Certification and Compliances	ISO 9001 : 2000 & ISO 14001 : 2004 for the manufacturer, TCO Certification for monitor, OEM should have green peace rating of 5.5 or higher as per the latest report, Energy Star ver 6, EPEAT Certified	
		Information Accessibility	Product details, specifications and brochure to be available in public domain. The detailed technical specifications of the Model with images should be available to public on OEM's official website for verification. The Part Numbers with make & Model of all items of the BOM of the offered Model for cross verification, and to mention in Purchase Order.	
		Warranty	3 Year Next business day onsite warranty	
2	42 U Server Rack	Racks manufactured out of steel sheet punched, formed, welded and Powder coated	1 (One)	
	Rack should be from ISO 9001, 14001, 18001 Certified Company & UL Listed			
	Standard for Racks configuration will be welded frame with side panel and vented top cover			
	Rack should have Front Glass Door and Rear Metal Door with Lock & key			
	Rack should have provision to mount racks on Floor including Castors (2 with brakes, 2 without brakes)			
	Rack should be 42U(1U = 44.45 mm) in Height.			

Sl.no	Item	Required Specification	Quantity
		It should be 600MM Wide,1000MM Deep and Overall height 2095 MM. Rack should Conform to DIN 41494 or Equivalent EIA /ISO / EN Standard	
		Numbered U Positions	
		Rack should have Adjustable mounting depth	
		4 No adjustable with 19” verticals with Punched 10mm Square Hole and Universal 12.7mm-15.875mm-15.875mm alternating hole pattern	
		Rack should have 100% assured compatibility with all equipments conforming to DIN 41494	
		Powder coated finish with seven/eight Tanks pretreatment process meeting IS	
		Rack should have Proper Grounding & Bonding	
		Rack should have 1 No 180cfm Fan module with Tower Mount Provision on top Cover	
		Rack should have 1 No Fixed Shelf/1000 for mounting NON Rack mountable Equipments	
		Rack should have 1 No 1Ph, 230V, 16A, 2U standard rack mount power distribution unit with 6 X Indian Round Pin 5/15A, Inlet Plug type 16A Indian Round Pin, 16A MCB - PDU Rating 3.6KVA	
		Rack should have provision for cable entry Exit from Both top & Bottom.	
		Rack should have 1 Packet of mounting hardware, Pack of 20.	
		Any other accessories deemed necessary	

The quotations should reach “The Head, Department of Futures Studies, Aquatic Biology Building, University of Kerala, Kariavattom, Thiruvananthapuram-695581” on or before 30<sup>th</sup> December 2016, 4.30 pm. subject to following conditions.

- (i) The rate quoted should be inclusive of all taxes and any other charges.
- (ii) The items supplied should be complaint free on installation and complaints if any should be rectified/replaced to the satisfaction of the Department by the suppliers at their own cost.
- (iii) Payment will be made only after the supply of the items on site
- (iv) The undersigned reserves the right to reject /accept any quotation without assigning any reason.

Kariavattom  
16-12-2016



Prof. & Head  
Department of Futures Studies