

NATIONAL INSTITUTE OF UNANI MEDICINE
Magadi Main Road, Kottigepalya, Bangalore-91

F.No.3-13/2004-05/NIUM/Admn/

Date:24.09.2009

NOTICE

Quotations are invited for supply of 1) Server 2) Desk Tops 3) On line UPS in Hospital of the NIUM. Installation of LAN is also required. The details of specifications such as description of the equipment and electrical wiring details (BOQ) are given below. The quotation for supply of the above may be submitted to the office of the Director, NIUM in 15 days from the date of advertisement. Separate quotation for each item Viz, Server, UPS, Desk Tops and LAN may be sent superscribing on the sealed covers.

S.No	Description of Materials	Quantity Required
1.	<p><u>Server :</u> Processor :Intel® Xeon® Quad-core processor @ minimum 2.0ghz (With dual Processor Capable, 4 or 8 cores) With QPI technology. Standard Memory: 8GB (4x 2 GB) Standard Memory. Optical Drive : DVD-RW Raid : Raid Serv 8K adapter. HP Smart Array P410i/256MB Controller. Internal drive bays : x 2.5" (SFF) Hot-Plug SAS/SATA hard drive bays Form factor : 5U Tower Chipset : Intel® 5520 Chipset External I/O ports: Serial - 1; Pointing Device (Mouse) - 1; Graphics - 1; Keyboard - 1; Network RJ-45 - 3 (1 dedicated for ProLiant Onboard Administrator); USB 2.0 Ports - 6 (2 front, 2 rear, 2 internal). Expansion slots : Six total expansion slots; One PCI-Express x16 Gen2 (x8 speed); One PCI-Express x8 Gen2 (x8 speed); Four PCI-Express x8 Gen2 (x4 speed); Optional PCI-X Expander provides additional two 64-bit/100-MHz PCI-X slots by using a single PCI Express slot. Power supply type: 750 Watt Hot-Plug (Redundancy enabled) power supply. Power requirements: 100 to 240 VACS, 50 to 60 Hz. Compatible operating systems : Microsoft® Windows® Server; Microsoft® Windows® Server Hyper-V; Red Hat Enterprise Linux (RHEL); SUSE Linux Enterprise Server (SLES); NetWare; VMware; HP Citrix Essentials for XenServer Warranty: 3 year Parts, 3 year Labor, 3-year on-site support.</p>	1 No
2.	<p><u>Desktops:</u> Intel Core 2 Duo, E7400, 2GB RAM, 320 GB HDD, No ODD, Vista Business Downgrade to XPP, 17" TFT, 3-3-3 warranty</p>	20Nos.

3.	<u>Software :</u> Windows Server Standard 2008R2 SNGL OLP NL Media Windows Server CAL 2008 SNGL OLP NL User CAL SQL Server Standard 2008 SNGL OLP NL Media SQL CAL 2008 SNGL OLP NL User CAL Visual Studio Pro 2008 SNGL OLP NL Media Crystal Reports 2008 Media - ESD Crystal Reports Developer Edition Media – ESD		1 No 1 No 25Nos. 1No. 1No. 5No. 1No. 1 No.
4.	<u>Networking:</u> 6Core Optic fiber cable SC Connector SC Coupler SC-LC OFC patch cord 12Port LIU Rack mountable DGS 310024-24Port 10/100/1000mbps layer 2 managed switch with 4 port SFP combo <u>Installation Charges</u> Separately.	RM 12No 12No 2No 2No 1No	Unit price

5.	<p><u>10KVA Online UPS Specifications</u></p> <p><u>Important Features:</u></p> <ul style="list-style-type: none"> • Double Conversion • IGBT technology • Isolation transformer • Pure Sine wave • 0.8 Efficiency factor • 85% Efficiency (Min) • Three Phase input Single phase output • 192 Volts DC • SMF Batteries 12V x 65AH x 16Nos • AMCO/AMRON with battery rack 	Unit price
6.	UPS : Batteries	

**10 KVA ONLINE 3 PHASE IN / SINGLE PHASE OUT
ELECTRICAL WIRING DETAILS (BOQ)**

(I) Input Side

SI No	Description	Unit	Qty	Rate	Amount
1	32A / 4P MCB	Nos	1		
2	10 Sqmm X 4 Run + 6 Sq mm X 1 Run with necessary Conduits	Mtrs			

(II) Output Side

SI No	Description	Unit	Qty	Rate	Amount
1	100A / 3P MCB	Nos	1		
2	16 Sqmm X 4 Run + 6 Sq mm X 1 Run with necessary Conduits	Mtrs			

(III) Output Distribution from 100 Amps MCB

SI No	Description	Unit	Qty	Rate	Amount
1	16A / 2P MCB	Nos			
2	2.5 Sqmm X 2 Run + 1.5 Sq mm X 1 Run with necessary Conduits	Mtrs			

(III) EARTH DETAILS

SI No	Description	Unit	Qty	Rate	Amount
1	Dedicated Electrode Type with Chemical Compound	Nos	1		
2	Copper Wire / Strip and Accessories	Mtr			

Director
NIUM, B'lore