

**Government Degree College**  
**Dharmanagar-799250, North Tripura**  
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**NOTIFICATION**

No.F.10(2)-GDC/DMR/UGC/2014/

Dated : Dharmanagar, the 5<sup>th</sup> June, 2017

Sealed Tenders/Quotations (preferably under DGS & D rate, where applicable) are invited from the interested “Authorized manufactures/dealers” of India for procurement of Firewall with Load Balancing, 24 Port L2+ Managed Switch, 8 Port L2 Managed Switch, Server, 2 KVA Online UPS, 6U Rack, 9U etc. Details of the tender notice/documents, equipments/articles with specification and terms & conditions will be available at our College website [www.gcdharmanagar.in](http://www.gcdharmanagar.in) or via e-mail. Last date of receipt of complete tender/quotation is **20<sup>th</sup> June, 2017(4pm)**. Authorized manufactures/dealers/ suppliers are requested to submit quotations in the prescribed format only enclosed herewith (*Annexure-I*)

Sd-

(Dr. Sambhunath Rakshit)  
Principal  
Government Degree College  
Dharmanagar, North Tripura

### **Terms and condition for submitting quotation.**

1	The supplier/manufacturer should carefully place the quotation of the items/apparatus which they can supply reliably and in due time. Unnecessary quoting of items which they will be unable to supply at later stage at the time of issuing supply order could results in penalty or as decided by the concerned College authority and can also leads to cancelling of purchase order of the same.
2	The supplier/ manufacturer can quote for any or all of the annexure. However, Quotation should be submitted separately for each annexure. In the quotation our notification reference number should be mentioned separately for each of the quotation as mentioned in the corresponding annexure.
3	The quotation must contain a valid supplier reference number and date. The validity of the quotation should be at least 45 days. The supplier quotation number should be separate corresponding to each annexure they quote.
4	The quotation should contain detail specification of the items as and whenever expected with brand name, details accessories provided etc. Wherever quotation for a complete set is requested should imply including the accessories needed for the experiment. The price of all/part accessories which are not included in main set/unit should be mentioned separately along with specification.
5	It should be noted that no advance payments in any form for supplying the materials will be made to the competent supplier quoting the lowest price and to whom the purchase/supply order will be issued. The payment will only be made after satisfactory delivery of items in good condition and after checking, installation & demo etc, (as and wherever required). If however any supplier needs any advance payment it should be exclusively mentioned in their quotation and for this if or when payment is to be made a valid documents and receipts should be provided or handed over at the time of receiving the advance payments to concerned authority.
6	It should be noted that no payment will be made towards packing, freight, forwarding, handling and transportation to F.O.R destination Govt. Degree College, Dhamanagar. So it only CST/VAT/surcharges (if any) as applied will be applicable only on the actual quoted items. The CST/VAT/Surcharges etc. should be separately mentioned in the quotation. If supplier needs to add the transportation charges (if any) it should be mentioned separately as a percentage of actual value (e.g. say x%). For comparison the price/cost of items as required then will be calculated/ considered by adding actual values and other charges like transportation if any [ <b>excluding only the taxes (CST/VAT/SURCHARGES etc.)</b> .]
7	It should be noted that the items quoted with specification should matches with the actual items they supply. If at the time of checking, delivery it is found that the items quality and specification differs from what asked for, it will be rejected then and thereby and the payment will not be made.
8	Supplier should provide their TIN/VAT/CST etc. registration no. in the quotation.

The supplier/manufacturer or alike whoever be submitting quotations should comply with the above terms and conditions and thus submitting a quotation would imply their agreement on the same.

**QUOTATION TO BE SUBMITTED FOR THE LIST OF THE ITEMS ARE FURNISHED BELOW :**

***Annexure-I***

<b>NG Firewall</b>	
<b>Parameter</b>	<b>Requirement</b>
Firewall throughput	Minimum 6.8 Gbps or more
Firewall IMIX	Minimum 2.5 Gbps or more
VPN throughput	Minimum 900 Mbps or more
IPS throughput	Minimum 1.5 Gbps or more
NGFW (IPS, Application Control, WebFilter)	Minimum 850 Mbps or more
Antivirus throughput (proxy)	Minimum 1.3 Gbps or more
Concurrent connections	Minimum 8000000 or more
New Connctetions/sec	Minimum 82000 or more
Maximum licensed users	Unrestricted users
Certifications	CB, CE, FCC Class B, IC, VCCI, MIC, RCM, UL, CCC
Security Subscriptions	3 Years with comprehensive support
<b>L2+ Managed Switch</b>	
Port Standards	IEEE 802.3 10BASE-T Ethernet, IEEE 802.3u 100BASE-TX Fast Ethernet, IEEE 802.3ab 1000BASE-T Gigabit Ethernet, 802.3ae 10 GbE, IEEE 802.3x Flow Control for Full-Duplex Mode, Auto-negotiation
Number of Ports	24 x 10/100/1000 Mbps, 2 x Gigabit SFP, 2 x 10G SFP+
Full Duplex/Half Duplex	Full/half-duplex for 10/100 Mbps and full-duplex for 1000 Mbps speed
Media Interface Exchange	Auto or configurable MDI/MDIX
Switching Capacity	92 Gbps
Transmission Method	Store-and-forward
MAC Address Table	Up to 16,384 entries per device
Maximum 64 bytes Packet Forwarding Rate	68.45 Mpps
Packet Buffer Memory	1.5 MB per device
MTBF	516,593 hours
AC Input	100 to 240 VAC 50/60 Hz internal universal power supply
Maximum Power Consumption	24 W
Diagnostic LEDs	Power/Stacking ID/Fan (per device), Link/Activity/Speed (per 10/100/1000 Mbps port), Link/Activity/Speed (per Gigabit SFP port), Link/Activity/Speed (per 10G SFP+ port)
Certifications	CE, FCC, C-Tick, VCCI, BSMI, CCC

Parameter	Requirement
Safety Certifications	cUL, CB
<b>8 Port L2 Managed Switch</b>	
Port Standards	IEEE 802.3 10BASE-T Ethernet (twisted-pair copper)
	IEEE 802.3u 100BASE-TX Fast Ethernet (twisted-pair copper)
	Auto-negotiation
	IEEE 802.3x Flow Control
Interface	8 x 10/100Mbps BASE-Tx PoE
PoE Standard	802.3 af
PoE capable ports	Port 1-8 upto 15.4 watts per port
PoE Power Budget	72 watts
Media Interface Exchange	Configurable MDI/MDX
Switching Capacity	1.6 Gbps
Transmission Method	Store-and-forward
MAC Address Table	8K entries per device
Maximum 64 bytes packet forwarding rate	DES-1210-08P: 1.19 Mpps
Flash Memory	16 MB
AC Input	100 to 240 VAC 50/60Hz internal universal power supply
Maximum Power Consumption	89.4 Watts (PoE ON)
	9.7 Watts ( PoE OFF)
Fan Quantity	Fanless
Acoustics	0 dB
Heat Dissipation	305.03 BTU per hour
Operating Temperature	0° to 40° C
Storage Temperature	-10° to 70° C
Operating Humidity	10% to 95% non-condensing
Storage Humidity	5% to 95% non-condensing
<b>Server</b>	
Processor	Intel® Xeon® E3-1220v5/iB Svr(3.0GHz/4-core/8MB/80W) Processor
DiMM Slots	4 DiMMs Slots
RAM	8 GB DDR3 RAM/3LFF(3.5inch) Hot Plug SATA
RAID Controller	To support RAID 0, 1, 5, 10
Hard Disk	2 (Two) 1TB 6G SATA 7.2K rpm
Optical Drive	DVD-RW
Power Supply	2 x 460 Watts 12vHot Plug
Network	1Gb 2-port Ethernet Adapter
Remote Management	Should be available
Warranty Support	3 Yrs Onsite
Operating System	Microsoft Windows Server 2012 R2 Standard Edition ROK
Monitor	18.5" TFT Monitor
Keyboard / Mouse	Standard USB Keyboard, USB Optical Scroll Mouse
<b>2 KVA Online UPS With 30 Mins Backup</b>	

Capacity	2kVA/1600W
Power Factor	0.8
Waveform	Pure sine wave (On line double conversion)
Nominal Voltage	230V
Vthd	2% max Fulllinear load,5% max on Nonlinear load
Frequency regulation	=+/-0.5%
Frequency	50Hz
Creast Factor	3:01
AC-AC Efficiency	89% or better
Transfer time Mains-Battery	0
Transfer time Inverter- Bypass	4msec
<b>INPUT PARAMETER</b>	
Configuration	1 Ph,I-N +PE
Nominal Voltage	230Vrms
Voltage range	170 V to 290 V at 100% load,100 V to 290 V at 60% load
Frequency	50Hz
Freq range	40 to 70 Hz,+ 1-0.2 Hz
PF	>=0.99
<b>BATTERYCHARGER</b>	
Nominal Voltage	48V
Max charging current	8 Amp or better
<b>BATTERY PARAMETER</b>	
Type	SMF
Battery make	Exide/Amararaja/rocket
Rating	65ah
<b>ENVIRONMENTAL PARAMETER</b>	
Operating temperature	0to40 deg
Storage temperature	-20to50deg
Humidity	20% to 90% non condensing
Noise level	50dBAmx
<b>MECHANICALPARAMETER</b>	
Product type	Rackmountable
Product size (DxWxH)	2U
Colour	RAL7001
Protection	IP20
Commuport	RS232,USB
EPO	Yes
MONITORING SOFTWARE	SNMP,UPSiiion 2000, View power 2.0 support
<b>STANDARDS</b>	
EMI	EN 62040-2 :2006
SAFETY	EN 62040-1-1 :2003
PERFORMANCE	IEC I EN 62040- 3

# Submit also for Installation Commissioning (including raid configuration of the server) cost.

**FORMAT FOR SUBMISSION OF QUOTATIONS**

1. QUOTATIONS TO BE SUBMITTED PREFERABLY IN THE PAD OF THE MANUFACRURERS/ VENDER/ SUPPLIERS
2. PLEASE MENTION OUR REF/ NOTIFICATION NO. WITH DATE
3. VENDER/ SUPPLIER REF NO./ QUOTATION NO. WITH DATE SHOULD BE MENTIONED
4. PLEASE SUBMIT IN TABULAR FORM CITED BELOW

SL NO.	ITEM/ARTICLE NAME	BRAND MODEL & SPECIFICATION	RATE (In Rs.)	VAT/ANY OTHER TAX	CARRYING/INSTOLLATION /DEMONSTRATION CHARGE(S), ETC (IF ANY)	GRAND TOTAL (In Rs.) (4+5+6)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1						
2						
3						
:						

5. TERMS AND CONDITIONS/ VALIDITY, ETC
6. DISCOUNT/REBATE(IF ANY) MAY BE MENTIONED IN A SEPARATE COLOUMN

**N.B** : COMPARISON WILL BE MADE ON GRAND TOTAL AMOUNT ONLY