

**TENDER DOCUMENT FOR DESIGN, SUPPLY, INSTALLATION & COMMISSIONING  
FOR CAMPUS NETWORK AT HANDIQUE GIRLS' COLLEGE**

**Handique Girls' College  
Dighali Pukhuri West, Guwahati -781001  
Telephone Office: (0361 ) 2543793; e-mail: hgcollege75@gmail.com**



**Tender Document for Designing, Supply,  
Installation & Commissioning of  
CAMPUS NETWORK at Handique Girls' College  
Dighali Pukhuri West, Guwahati -781001**

**NO : HGC/ESTT/QUO/2016/126/20/020  
dtd. 17/05/2017**

LAST DATE & TIME FOR RECEIPT OF : 29.05.2017 up to 1.30 PM  
TENDER

DATE & TIME OF OPENING : 29.05.2017 at 2.00 pm

NAME AND ADDRESS OF THE TENDERER : The Principal,  
Handique Girls' College  
Dighali Pukhuri West,  
Guwahati -781001

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**SECTION I**

**INVITATION FOR BIDS**

Sealed quotations in two bid system affixing court fee stamps of Rs 8.25 only are invited in single bid system from reputed firms/authorized dealers/suppliers for the supply and installation of equipments for “**Campus Networking**” connecting all the departments and few ICT enabled classrooms at Handique Girl’s College. The quotations will be received by the undersigned on or before **29.05.2017 up to 1.30 PM.**

**Technical Bid is to be enclosed in Envelope A, Financial Bid in Envelope B. Both A & B envelopes are to be put in a master envelop & send to the Office of the Principal, Handique Girl’s college. Only after thorough scrutiny of the Technical bid, the qualifying bidders Financial bid shall be opened**

1. Last date & time of receipt of Tender: **29.05.2017 up to 1.30 PM.**
2. Date & Time of Opening of Technical Bid: **29.05.2017 up to 1.30 PM**
3. Tender documents duly completed in all respect is to be dropped in the Tender Box kept at the Office of the Principal or must reach by speed/Registered post to Office of the Principal, Handique Girl’s College.
4. For any clarification the undersigned may be contacted on all working days, except Saturdays & Sundays/Holidays between 09:30 to 16:00 IST. If the date of receipt and opening of tender is declared to be a public holiday, the tender will be received and opened on the next working day at the same time.
5. Handique Girl’s College reserves the right to reject any or all the tenders without assigning any reason thereof and to call for any other detail or information from any of the Tenderer. .

-  
The Principal  
Handique Girl’s College  
Guwahati

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**General Information/Guidelines**

1. Tender documents are not transferable. . No part bidding is allowed. Bidders must quote for all products.
2. Following documents need to be submitted:
  - (i) Sales Tax Registration Number, PAN number, VAT, Trade License, Service Tax along with documentary proof.
  - (ii) Ink signed MAF "Authorization Certificate" from the OEM needs to be submitted for the product quoted as & where applicable.
  - (iii) Datasheets of the quoted products.
  - (iv) The tendering firm should be minimum ISO 9001:2008 & ISO 14001:2004 Certified & Documentary proof of the same is to be provided. Preferences should be given to partners who are registered with MSME and NSIC (documentary Proof required).
  - (v) Compliance sheet is a must.
  - (vi) Court Stamp fee of Rs 8.25
3. It may be clearly noted that in case tender(s) submitted by Tenderer(s) is not accompanied by all or any of the documents stated at (i) to (vii) of the General Guidelines, such tender(s) will be rejected by the Authority out-rightly.
4. Any over writing, correction or insertion should be duly signed by the authorized signatories of the Tenderer(s).
5. **Financial Bid is in Annexure A & Technical Specifications are in Annexure B.**
6. Tenderer(s) should clearly indicate the name & address of their firm or individual, as the case may be, on all the Envelopes.
7. **Rates:**
  - a. The rates shall be quoted F.O.R. destination, Handique Girl's College, Gauhati. No other charges such as loading/unloading etc. shall be paid.
  - b. The rates shall be quoted both in figures and words. In case of discrepancy between figure and words, words shall be taken as final.

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- c. Rate must be quoted in prescribed sheet of Financial Bid Annexure-A only. The rate quoted on any other separate sheet will not be entertained & tender will be rejected out rightly.
- d. The rates shall be valid for 180 days from the date of opening of tender.
- e. The vendor must quote for all the items.
8. **Taxes:** Rates should be inclusive of all types of taxes, duties and levies etc.
9. **Quantity:** The quantities indicated may increase or decrease as per requirement.
10. **Validity:** The tenders shall remain valid for 6 months.
11. **Delivery:** Within 30 days from offer generation.
12. **Payment:** 100% on successful Installation & Demonstration.
13. **Warranty:** 1 year onsite.
14. Handique Girl's College reserves its right to reject any or all tender(s) in part or in full without assigning any reason.
15. Bidders/ Suppliers should mention the Brand name & Model number of quoted goods
16. . No part bill for the part supply will be accepted for payment. Suppliers will have to submit final bills in triplicate only on completion of job.
17. Purchase committee/ Undersigned will not be bound to accept the lowest rate of any particular item offered by bidder/supplier. If any rate of any bidder/supplier on any particular item is found to be prima facie lower than any approved rate of the particular OEM, such quotation on such items shall be rejected.

Sd/-  
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**Annexure A**

**Financial Bid**

1. Name & Address:
2. Address of Tenderer:
3. Status of the Tenderer  
(Proprietary/Partnership)
4. Name of Proprietor/Partner:
5. Detail Cost of Equipments as per the format below:

Sl no	Items	Make&Model	Rate/Unit	Qty	Total	Tax	Total Incl of all Tax

Net amount Rs.....(Rupees.....)

Signature of Tenderer:

Name:

Name of the Firm:

Address:

Telephone No:

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**Annexure B**

**Technical Specifications**

<b>S. NO</b>	<b>Items Description</b>	<b>UoM</b>	<b>Qty (Approximately)</b>
1	Switch 24 port ( As per Annexure I)	Nos	6
2	Rack 2U	Nos	6
3	I/O Box	Nos	24
4	Lan Cable	Role	6
5	RJ 45	Pkt	1
6	Patch Cord 2meter	Nos	22
7	Casing Caping	Meter	500
8	600 VA UPS	Nos	6

Note: The number of items may vary after physical inspection of the site.

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**ANNEXURE I**

**Traffic Management**

- Auto Negotiation of speed and duplex modes
- 801.2x Flow Control
- Dynamic MAC address management
- IEEE802.1Q-based VLAN
- Auto Voice VLAN
- Auto Video VLAN (selected models)
- VLAN routing (selected models)
- QoS based on WRR, strict priority, or both
- Port-based and IEEE801.2p-based QoS
- TCP/UDP-based QoS
- DiffServ
- IPv4 and IPv6-based QoS
- DSCP Support
- Rate Limiting (egress only)
- Link Aggregation and LACP

**Security (except FS750T2)**

- MAC lockdown
- MAC lockdown by number of MACs
- IEEE 802.1x port authentication - MD5: FS526Tv2, FSS728TPv2, FS728TLP, GS108Tv2, GS110TP, GS510TP
- IEEE 802.1x port authentication - EAP: GS516TP, GS716Tv3, GS724Tv4, GS748Tv5, GS752TP
- Dynamic VLAN Assignment
- Guest VLAN
- TACACS+
- 3 HTTPS /SSL versions (except FS526T/FS728TLP)
- TLS session (except FS526T/FS728TLP)
- Trusted MAC
- IPv4, L4-based Access Control List (ACL)
- IPv6-based ACL (except Fast Ethernet models)

**Multicast Efficiency**

- IGMP snooping, v1, v2 and v3
- IGMP Snooping querier (except FS750T2)
- Blocking of unknown multicast traffic (except FS750T2)
- MLD snooping

**Spanning Tree, Routing and Stacking**

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- IEEE802.1D, IEEE802.1w RSTP and MSTP
- Option to enable/disable BPDU flooding when STP is disabled
- Static routing with 32 static routes (Selected models)
- Hosted ARP table size of 1,024 (Selected models)

### **Reliability, Performance and Troubleshooting**

- Port mirroring both on ingress and egress traffic
- Jumbo frame support
- Broadcast Storm control (except FS750T2)
- Cable diagnostics
- Loop Detection
- DoS Prevention
- IEEE802.1ab LLDP
- LLDP-MED
- Dual Image
- SNTP
- Option to enable/disable the flooding of EAPOL when 802.1x is disabled
- Protected ports
- DNS client (except FS526T/FS728TLP/FS750T2)
- DHCP clients
- DHCP snooping (except FS526T/FS728TLP/FS750T2)
- Ping and traceroute client (except FS526T/FS728TLP/FS750T2)
- Energy Efficient Ethernet (IEEE802.3az) compliant (Selected models)
- Power savings with short cable detection (GS752TXS only) and auto power-down when ports are in idle mode

### **Switch Management**

- Web-based Management
- Smart Control Center Software for multi-switch management
- IP Access List
- IPv6 Management
- Configurable Management VLAN
- SNMP v1/v2c and v3
- Standard MIBs (RFC1213, RFC1643, and RFC1493)
- RMON group 1, 2, 3, 9 (except FS750T2)
- Firmware Upgrade through Smart Control Centre (TFTP)
- Firmware download (to switch) and upload (to server) through TFTP/HTTP (except FS750T2)
- Configuration and Image Upload (to PC) through HTTP
- Configuration Download (to Switch) thru TFTP/HTTP (except FS750T2) and upload (to server)
- Memory & FLASH log (except FS750T2)
- Syslog (server) (except FS750T2)
- System password protection