



National Center for Biological Sciences  
Tata Institute of Fundamental Research

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Ref:NCB/CA18-187/181989

January 24, 2019

ENQUIRY

Dear Sirs

Please let us have your Quotation for the following:

S.No.	Item Description	Qty	UOM
1	<p>Switch Specifications:-</p> <ol style="list-style-type: none"><li>1) All ports on the switch should be of nonblocking architecture and support layer 2 and basic layer 3 features</li><li>2) 48 x 10/100/1000BaseT (RJ-45) ports , 4 x 10G BASE-X (SFP+) unpopulated ports , 1 x Serial console port RJ-45 , 1 x 10/100Base-T out-of-band management port. The 4 x 10G ports should also support 1G speed</li><li>3) Minimum of 1.5 Mb packet buffer</li><li>4) Switch should be equipped with DC redundant power supply option</li><li>5) Switching fabric 176 Gbps and a minimum of 130.9 Mpps</li><li>6) Should have minimum 512MB RAM Flash memory 128MB</li><li>7) Jumbo Frame size of 9KB support</li><li>8) Switch should support command line interface (CLI) with scripting capabilities of Industry-standard, manageability using browser</li><li>9) Power Consumption Maximum 45 Watts</li><li>10). 802.1D spanning Tree and PVST+, 802.1w, 802.1s, Should have BPDU Guard or equivalent feature</li><li>11) Minimum support for 1000 vlan, 802.1Q tag, Port based vlans,Dynamic Vlan Propagation with 802.1ak</li><li>12) Should support 16K MAC address , 802.3x (GigE Flow Control) and ACL (including time based ACL), Should support IEEE 802.3x, RFC 5171, 802.1x</li><li>13) Should support policy based traffic redirection and Bidirectional Forwarding Detection</li><li>14) Should support IPv6 in hardware and software from day 1</li><li>15) Should support DHCP Snooping , Trusted DHCP server ,Dynamic ARP inspection, LAG groups.</li><li>16) Should support DOS protect, Storm control for multicast, unicast and broadcast</li><li>17) Should support flexible traffic analysis with NetFlow or sFlow or similar protocol</li><li>18) IPv6 RA Guard support</li><li>19) IPv4 Static and RIP Routing (atleast 60 routes)</li><li>20) Switch should support Policy Based Routing</li><li>21) SNMPv3, Sntp (RFC 2030), HTTPS, SSHv2, SCP2</li><li>22) IPv6 telnet and TFTP , LLDP and CDP</li></ol> <p>Warranty, Standards and Compliance:-</p> <ol style="list-style-type: none"><li>a) Switch should be covered by 24 x 7 support within India, Toll Free number and NBD RMA directly from OEM India Depot</li><li>b) MAF(Manufacturer Authorization Form) is to be provided and its mandatory.</li><li>b) OEM should have atleast two RMA depots in India</li><li>c) OEM should feature as a leader or Visionary in the Gartner Magic Quadrant</li><li>d) Vendor needs to have local presence in Bangalore</li><li>e) Installation charges needs to be quoted.</li><li>f) 3.yrs Onsite NBD warranty and Support.</li></ol>	12.00	NO

**1. The quotation shall be submitted in a sealed envelope duly superscribed with the enquiry number, and the due date for ..... Ref No: 181989. The bids should be addressed and to be mailed/couriered (sent by post/courier) to 'THE HEAD-PURCHASE'.**

The bids are liable to be rejected if the sealed envelope is not addressed to "THE HEAD-PURCHASE" with Tender Ref No. and Item Description and due date. The bids delivered in person shall be dropped in Purchase Section. If the bids are sent through courier or mail, it should reach by submission date and time and NCBS will not be responsible for the delay.

**2. DUE DATE FOR SUBMISSION OF QUOTATION AGAINST THIS ENQUIRY IS 13/02/2019 BY 5.30PM.**

3. QUOTATIONS RECEIVED AFTER THE DUE DATE SHALL BE REJECTED.

4. The validity of your quotation should be for 60 days from the due date.

5. All duties, taxes, surcharge and cess as currently applicable must be stated in your quotation, separately. Otherwise your quote is liable to be rejected.

6. Your quotation should indicate delivery period & warranty period.

7. Delivery to be made to our stores. Please indicate charges, if any extra. Transit Insurance should be done upto NCBS Stores.

8. If you are unable to supply the quality, specifications or brand as mentioned in our enquiry, please state so and then offer alternative to quality/specifications.

9. Payment: within one month after delivery & acceptance/satisfactory installation.

10. Please ensure that the enquiry number and the due date is superscribed on the envelope failing which your quotation is liable to be rejected.

11. Since we are a public funded research institution, we are exempted from paying Customs duty (Except ad valorem duty of 5% + 2% Cess and 1% Cus Sec & High Edu. CESS vide Notification No. 51/96 with latest amendments) and excise duty vide Notification No. 10/97 CENTRAL EXCISE dated 01-03-1997 for all scientific equipments, technical instruments, equipments (including computers), their accessories, spares, consumables and software. Hence, please offer your prices

**12. If the item is covered under DGS&D rate contract, please quote the rate as per the DGS&D rate contract with xerox copy of the DGS&D order.**

13. Any dispute or differences that may arise between the parties shall be referred to the sole arbitration of the Centre Director or his nominees. The decision of the arbitrator shall be final and binding on the parties. The venue for arbitration shall be Bangalore. The provisions of the Arbitration and Conciliation Act, 1996 as amended from time to time shall apply. The courts in Bangalore shall have exclusive jurisdiction to deal with any or all disputes between the parties.

14. TIFR is a public funded research institute and is entitled to concessional rate of GST @ 5% for certain items supplied for reresearch purpose vide notification no. 47/2017 and 45/2017 dated 14th Nov, 2017. The offer should be submitted after fully considering the above notification.

15. Liquidity Damages: If the equipment/ items as per specifications in our P.O. is not supplied (shipped) within the specified delivery schedule, then liquidated damages (not in terms of penalty) will be imposed automatically and shall be deducted from the bill at the rate of 0.5% per week subject to a maximum of 10% of the order value.

16. Income Tax at the applicable rates as per the Indian Income Tax Act 1961 will be deducted at source for the services availed / ordered. In case of service provider, the rate of tax deduction shall be at 2% as per Section 194C, and in case of fee for professional / technical services under section 194J, the tax reduction shall be at the rate of 10%. In case service provider does not provide PAN number, the deduction shall be at 20% under section 206 AA.

-Tax Deduction Certificates will be provided on request for non PAN holders & Foreign Vendors and PAN holders could avail them through NSDL site dealing with 26AS.

Yours faithfully  
For and on behalf of  
National Centre for Biological Sciences



Head Purchase

