

INDIAN INSTITUTE OF TECHNOLOGY GOA

At Goa Engineering College Campus
Farmagudi, Ponda, Goa 403401
E-mail: purchase@iitgoa.ac.in

GSTIN: 30AABAI1653D1ZF

PAN: AABAI1653D

TAN: BLRI08261B

Enquiry No: IITGOA/2020-21/025

Date: 18/02/2021

IIT Goa invites sealed quotations in single bid form for the supply of below mentioned item.

Sl. No.	Description of Item	Qty
1	24 port layer 2 switch with 24x10/100/1000 (PoE) 4x SFP ports (Detailed specifications attached)	04

Terms & Conditions

1. Quotation must be valid for at least 90 days.
2. The GSTIN should invariably be mentioned in your offer.
3. Prices: Prices should be quoted in INR – F.O.R., IIT Goa basis only.
4. Payment terms: Within 30 days after the delivery and successful installation of items at IIT Goa.
5. Delivery and installation should be made within 4 weeks of getting a confirmed order.
6. Supplier should provide minimum one-year warranty for the above stated items.
7. The suppliers shall provide the banking details along with their quote on their letterhead duly signed and stamped.
8. The Bidder must have supplied and installed the same item within India in the last 3 (three) years with at least order value of 10 lakh users. The supplier should provide list of installation in India with all contact details and model details so that IIT Goa can approach contact person for any feedback.
9. Bidder should provide the onsite support as and when required throughout the license period.
10. Bidder must quote the proposal for at least 3 years of license period.
11. MAF in original must be provided along with documents
12. Kindly attach the compliance certificate of specification provided against specification given in Annexure-1 with valid proof / reference. THIS IS MUST.
13. Bids without valid proof /reference will not be considered for evaluation.
14. It is mandatory for bidders to quote items having Local Content more than 20%. Refer revised Public Procurement (Preference to Make in India), Order 2017 P- 45021/2/2017 – B. E. II dated 04.06.20 issued by DPIIT, Ministry of Commerce and Industry, Govt. of India.

15. The successful bidder has to submit a Performance Guarantee Bond for 3% of the Purchase Order value and valid till one year plus 60 days OR up-to warranty period whichever is later from the date of issue of Purchase Order. Performance Guarantee Bond may be submitted within 15 (Fifteen) days from the date of order acknowledgment as a successful bidder.
16. IIT Goa reserves the right to accept and/or reject any/all bids without assigning any reason in public interest.
17. For any clarification, you may kindly contact Mr. Raghavendra Y. K. (E-mail: raghavendra@iitgoa.ac.in) and Stores & Purchase Department (email: purchase@iitgoa.ac.in) till 26/02/2021.
18. All sealed quotations must be super scribed with the tender enquiry number and should reach to the Assistant Registrar (Stores & Purchase), IIT Goa, at Goa College of Engineering Campus, Farmagudi, Ponda, Goa, 403 401 by 17.00 Hrs on or before 11/03/2021.

Sd/-
Asst. Registrar (S&P)

ANNEXURE - 1		
Sr.no	Description of Specs	Compliance YES/ NO
1	Minimum of 24 ports 10/100/1000 Base-T PoE+ with 370W power supply and 4 SFP ports upgradable to 10G SFP+ ports	
	1 x Out of Band IP based management Port , 1 Console Port, USB Port / External Flash	
	Must Support stacking with existed Extreme make switch	
	support stacking for upto 8 switches with minimum 40 Gbps stacking with dedicated stacking port.	
	Have Redundant Power Supply support.	
2	Each switch should have minimum 128 Gbps or more with non blocking architecture and Forwarding rate of 95 Mpps	
	Should be equipped with minimum 1GB RAM and 1GB flash	
	Should have LED indicator for per port status , FAN, PSU and Management Status	
	0°C to 45°C operating temperature and 5% to 90% relative humidity	
	Hardware and software configuration have for IPv6 from day one	
3	Should have 16 K MAC Address, 4K active Vlans	
	Should support 10 K ARP entries	
	802.1D spanning Tree and PVST+, 802.1w, 802.1s , Should have BPDU Guard or equivalent feature on edge port to auto disable port for a configurable time period to if an accidental loop occurs in the network	
	Should support aggregating and load balancing of traffic to two or more peer switches within same VLAN	
	Should have Port based VLAN, MAC based VLAN, private vlan and 802.1 AK for dynamic VLAN propagation	
	Should have 8 Hardware QOS Queues per port	
	Should have traffic rate limiting with Configurable bandwidth granularity of 8 KBps	
	Should have Link Layer Discovery Protocol (802.1ab) to allow recognition of third party network devices and LLDP MED for auto configuration	
	Should have MAC address tracking and notification for mac address addition , delete or movement in the Network	
	Should support policy based routing and switching	
	Should have basic dynamic routing protocols like static routing, Default routing and RIP from day 1 and be upgradeable to OSPF , PIM , VRRP	
	Must Support RFC 3619 for sub 50 ms failover and it should seamlessly integrate with Core and Distribution	
Should have Configurable multicast session limit per port		
4	Local authentication database for RADIUS Authentication for 802.1x login	
	Should have MAC security – Lockdown & Limit and MAC address tracking with syslog & snmp notification	
	Should have SSH-2, SCP, SFTP for secure management	

	Should have dynamic arp inspection , DHCP snooping, Private VLAN, SYN attack protection, GARP protection	
	Should have ASIC based traffic flow analysis based on Netflow/ sFlow/ Ipfix	
	Should have minimum 1 K ACL entry support and Time Based ACL	
5	Should have scheduled archiving / uploading of configuration and system log to a central server	
	Should support inbuilt DHCP server and Client for quick configuration of endpoints and switch	
	Telnet server , ssh server, Ping and traceroute over Ipv6	
	Web, Console and CLI management	
	Dual firmware and configuration rollback	
	Inbuilt browser based bandwidth monitoring	
	Should support Energy Efficient Ethernet 802.3az	
6	Model should have safety and standards certifications as below EN 55022 Class A, CISPR 22.	

FORMAT FOR PERFORMANCE GUARANTEE BOND

(To be typed on Non-judicial stamp paper of the value of Indian Rupees of One Hundred) (TO BE ESTABLISHED THROUGH ANY OF THE NATIONAL BANKS (WHETHER SITUATED AT GOA OR OUTSTATION) WITH A CLAUSE TO ENFORCE THE SAME ON THEIR LOCAL BRANCH AT GOA OR ANY SCHEDULED BANK SITUATED AT GOA. BONDS ISSUED BY CO-OPERATIVE BANKS ARE NOT ACCEPTED.

To,
The Registrar,
Indian Institute of Technology, Goa
Farmagudi, Ponda,
Goa – 403401

LETTER OF GUARANTEE

WHEREAS Indian Institute of Technology, Goa (Buyer) have invited Tenders vide Tender No..... Dt. for purchase of

AND

WHEREAS the said tender document requires that any eligible successful tenderer (seller) wishing to supply the equipment / machinery, etc. in response thereto shall establish an irrevocable Performance Guarantee Bond in favour of “**Registrar, Indian Institute of Technology, Goa**” in the form of Bank Guarantee for Rs (**3% (three percent) of the purchase value**) and valid till **one year or upto warranty period whichever is later** from the date of issue of Performance Guarantee Bond may be submitted within 15 (Fifteen) days from the date of Order Acknowledgment as a successful bidder.

NOW THIS BANK HEREBY GUARANTEES that in the event of the said tenderer (seller) failing to abide by any of the conditions referred in tender document / purchase order / performance of the equipment / machinery, etc. this Bank shall pay to Indian Institute of Technology, Goa on demand and without protest or demur Rs..... (Rupees.....).

This Bank further agrees that the decision of Indian Institute of Technology, Goa (Buyer) as to whether the said Tenderer (Seller) has committed a breach of any of the conditions referred in tender document / purchase order shall be final and binding.

We, (name of the Bank & branch) hereby further agree that the Guarantee herein contained shall not be affected by any change in the constitution of the Tenderer (Seller) and/ or Indian Institute of Technology, Goa (Buyer).

Notwithstanding anything contained herein:

1. Our liability under this Bank Guarantee shall not exceed Rs. (Indian Rupees only).
2. This Bank Guarantee shall be valid up to(date) and
3. We are liable to pay the guaranteed amount or any part thereof under this bank guarantee only and only if IIT Goa serve upon us a written claim or demand on or before (date).
4. This Bank further agrees that the claims if any, against this Bank Guarantee shall be enforceable at our branch office at situated at (Address of local branch).

Date:

Yours truly,

Signature and seal of the Guarantor:

Name of Bank:

Instruction to Bank: Bank should note that on expiry of Bond Period, the Original Bond will not be returned to the Bank. Bank is requested to take appropriate necessary action on or after expiry of bond period.

Declaration of Local Content

(To be given on company letter head - For tender value below Rs.10 crores)
(To be given by Statutory Auditor/Cost Auditor/Cost Accountant/CA for
tender value above Rs.10 crores)

Date: _____

To,
The Registrar,
Indian Institute of Technology Goa,
At GEC Campus, Farmagudi, Ponda - Goa

Sub: Declaration of Local content

Tender Reference No: _____

Name of Tender: - _____

Country of Origin of Goods being offered: _____

We hereby declare that an item offered has % local content. _____

“Local Content” means the amount of value added in India which shall, be the total value of the item being offered minus the value of the imported content in the item (including all customs duties) as a proportion of the total value, in percent.

“*False declaration will be in breach of Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law.”

Yours faithfully,

(Signature of the Bidder, with Official Seal)