



भारतीय प्रौद्योगिकी संस्थान, भिलाई
कुटेलाभाटा, जिला-दुर्ग, छत्तीसगढ़, भारत - 491002
www.iitbhilai.ac.in

Enquiry No. IITBh/Goods/CSE/2025-26/005

Dated: 22/04/2025

कोटेशन आमंत्रण सूचना/Notice Inviting Quotation (NIQ)

Sub: Inviting Quotation for Supply of Network Switches, SFP Modules and Firewall at BSP site through IIT-Bhilai.

Indian Institute of Technology Bhilai would like to invite the quotations for the supply of goods, other items, Cat6 cable laying and Termination work at IIT Bhilai from the reputed and bonafide suppliers/vendors:

S. No.	Description of Items/Work	Make/Model	Unit	Qty.	Basic unit Price (in INR)	Total Price (in INR)
1.	Camera Network Switch	As per Annexure-1	Nos	06		
2.	SPF Module Headings	As per Annexure-1	Nos	06		
3.	Cisco Firewall	As per Annexure-1	Nos	01		
	Applicable GST Amount in INR					
	Other Charges, if any					
	Grand Total					

Note: GST should be quoted as per the Government norms, In case due to any error/ oversight, the GST quoted by the vendor(s) is less than the actual rate as per tariff, the vendor(s) will not be permitted to rectify the error/oversight. The orders/ contract will be placed for the total amount, including the (lower) rate/s quoted by the vendor(s), with the reduced basic amount to the extent of difference in tax amount, so that the total amount (basic + actual rate as per tariff), remains same (quoted basic + quoted rate). The difference amount payable, if any, between the quoted rate and the actual rate as per tariff shall be borne by the vendor(s).

We are inviting the detailed quotations for the above goods and services in a vendor(s) letterhead with a sealed envelope to be submitted on or before 29/04/2025 at 3.00 PM at the Stores & Purchase Section, Level 2, Data Centre Building, IIT-Bhilai.

Terms and Conditions:

1. Evaluation: The vendors who meet the above requirement and quote the lowest rate for the required items will be awarded the purchase order.
2. **Total value-wise evaluation method will decide the lowest bidder.**
3. The quantities mentioned are tentative, and the actual numbers to be supplied may increase or decrease based on the discretion of IIT-Bhilai. In the case of services, the payment will be made based on the measurement of the work done.
4. Prices should be in Indian Rupees and include all Taxes and duties & FOR IIT-Bhilai.
5. Your quotation must be valid for at least 90 days from the tender's opening date.
6. The material should be of good quality and as per the mentioned brand.
7. **Warranty: 12 months from date of delivery.**
8. Delivery should be completed within 30 days from the date of purchase order.
9. The GST Number should be clearly mentioned in your offer, failing which your offer may not be considered.
10. IIT Bhilai reserves the right to levy penalty @ of 0.5 % of order value per week of delay in supply and /or installation subject to a maximum of 10% the total value of Purchase Order.
11. **Advance payment is not admissible. Payment shall normally be made within 30 days, subject to receipt and acceptance (as per Work Order Terms) of the ordered materials/goods.**
12. Any other information you may like to obtain, please contact IIT Bhilai through mail at sp@iitbhilai.ac.in before submitting their quote.
13. IIT-Bhilai reserves the right to accept and/or reject the tender without assigning any reason.

भण्डार एवं क्रय अनुभाग
Stores and Purchase Section
भारतीय प्रौद्योगिकी संस्थान भिलाई
Indian Institute of Technology Bhilai
कुटेलाभाटा, खपरी, जिला-दुर्ग
Kutelabhata, Khapri, District-Durg
छत्तीसगढ़, भारत 491002
Chhattisgarh, India 491002

Camera Network Switch (Qty- 06 Nos) Make- CISCO Model- C1000-8T-2G-L				
Sr. No.	Specification	Details	Offered Value	Compliance (Yes/No)
1	Console Ports	8Port Model		
2	RJ45 Ethernet	1		
3	USBA port for storage and Bluetooth console	1		
4	Memory and Processor			
5	CPU	ARM v7 800 MHz		
6	DRAM	512 MB		
7	Flash memory	256 MB		
8	Performance			
9	Forwarding bandwidth	10 Gbps		
10	Switching bandwidth	20 Gbps		
11	Forwarding rate (64byte L3 packets)	14.88 Mpps		
12	Jumbo Ethernet frame	10,240 bytes		
13	MTBF in hours (PoE)	1,786,412 (External PS)		
14	MTBF in hours (Full PoE)	1,706,649		
<p>Note: As per the BSP requirement, we need to comply with following Make list for the industrial network switches. The switches model number given the technical specifications are for reference. The following makes with the equivalent models can also be quoted.</p> <p>Make List: ADVANTECH, CISCO, HIRSCHMANN, ROCKWELL, SCHNEIDER, SIEMENS</p>				

SPF Module Headings for Camera Network Switch (Qty- 06 Nos) Make- CISCO Model- GLC-LH-SMD=				
Sr. No.	Specification	Details	Offered Value	Compliance (Yes/No)
1	Cabling Type	Ethernet 1000BaseLH, Ethernet 1000BaseLX		
2	Connectivity Technology	Wired		
3	Form Factor	Plugin module		
4	Operating Temperature	23 to 185 F (5 to 85 C)		
5	Data Transfer Rate	1Gbps		
6	Ports/Connectors	(1) 1000BaseLX/LH LC/PC singlemode, (1) SFP (miniGBIC)		
7	Networking Protocol	Gigabit Ethernet		

Cisco Firewall (Qty- 01 No.) Make- CISCO Model- FPR1010-ASA-K9				
Sr. No.	Specification	Details	Offered Value	Compliance (Yes/No)
1	Threat Defense Throughput	650 Mbps		
2	Interfaces:	8 x RJ45		
3	Firewall + AVC Throughput:	650 Mbps		
4	Concurrent Sessions (with AVC)	100K		
5	URL Filtering:	80+ categories, 280M+ URLs		
6	IPSec VPN Throughput:	300 Mbps		
7	Maximum VPN Peers:	75		
<p>Note: As per the BSP requirement, we need to comply with following Make list. The switches model number given the technical specifications are for reference. The following makes with the equivalent models can also be quoted.</p> <p>Make List: CHECKPOINT, CISCO, FORTINET, JUNIPER, SOPHOS, PALO ALTO</p>				