

NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA

No. CW/TK/2025/11

Dated: - 06-01-2025

CALL FOR QUOTATIONS OF NETWORKING ITEMS

Invites quotations for the Networking Items for the smooth internet services to students, the technical specifications of all the items mentioned in Annexure I.

**Quotation in a sealed envelope should be submitted to the office of Chief Warden (Boys Hostels), NIT Kurukshetra.**

Contact Mr. Bhupender (HS H-5), Rajkumar (HS H-11) for any queries: 93557-93550, 94665-67618

Terms and Conditions: -

1. All the items should meet the technical specifications provided in Annexure I.
2. All the items supplied should be certified by MTCTE (Mandatory Testing & Certification of Telecommunication Equipment).
3. UPS should be certified by ISO 9000, BIS & RoHS.
4. Supplier shall provide at least 12 months product warranty for all the items.
5. The supplier must provide the item within 10 days from the date of Purchase Order.
6. Any delay in the delivery should be communicated in advance.
7. Conditional quotations given by any vendor will not be considered.
8. The payment will be through the online method, the price quoted by the supplier should include GST and all other taxes (if any).
9. The supplier should produce a Copy of the GST Registration Certificates and the PAN Card of the agency is required to be enclosed along with the Quotation.
10. Quotation in a sealed envelope should be submitted by post or by hand in the AB-114, office of Chief Warden (Boys' Hostels), NIT Kurukshetra by 16<sup>th</sup> January 2025 till 5:00 PM.

Chief Warden (Boys' Hostels)

Chief Warden (Girls' Hostels)

(Committee Chairman)

**Prof - In charge CCN with a request to upload on the institute website**

**Enclosure: 1. Technical Specification Details (Annexure-I)**



## NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA

No. DCU/2025/MD

Dated 06/01/2024

Sub: Technical Specification of Networking Items

## 800 VA, 480 W Single Battery, Line Interactive UPS

Sr. No.	Parameter	Specifications	Quantity
1	Volt-ampere	800 VA	122
2	Active power	480 W	
3	Nominal input voltage	162 V - 290 V	
4	Nominal output voltage	230 V	
5	Battery capacity	1x 9 AH	
6	Typical recharge time to 90%	6 Hrs - 8 Hrs	
7	Switching time	2 ms - 10 ms	
8	Operating temperature	0 °C - 45 °C	
9	Dimensions (Length x Width x Height)	Atleast 101 x 298 x 142 mm	
10	Weight	Atleast 4.9 kg	
10	Frequency		

## 24 Port LIU Fully Loaded Multimode

Sr. No.	Parameter	Specifications	Quantity
1	Product Dimensions	410 x 310 x 42 mm	4
2	Cover & Front Pannel	410 x 310 x 42 mm	
3	Metal Mounting Ear	Should be 105x36.3x42mm	
4	Splice Tray	Should be 220x108x17.2mm	
5	Adapter Panel	Should be 175x37 mm	
6	Cable Plug	Should be 28mm diameter	

## LC to SC Fiber Patch Cord

Sr. No.	Parameter	Specifications	Quantity
1	Connector Type	LC - SC	6
2	Cable Type	PVC & LSZH 0.9mm/2.0mm/3.0mm	
3	Typical	Atleast $\leq 0.2$ dB, Max. 0.3 dB	
4	Return Loss	Atleast $> PVC \geq 45$ dB, $UPC \geq 50$ dB, $APC \geq 60$ dB	
5	Apex Offset	Atleast $< 50$ gm	
6	Fiber Height	Atleast $\pm 100$ nm	
7	Fiber Height	Atleast $\pm 100$ nm	

V. Singh

Kapil

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LLP

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SC to SC fiber Patch Cord			
Sr. No.	Parameter	Specifications	Quantity
1	Connector Type	SC-SC	1
2	Cable Type	PVC & LSZH 0.9 MM/2.0 MM /3.0 MM	
3	Typical	Atleast $\leq 0.2$ dB, Max. 0.36dB	
4	Return Loss	Atleast >PVC $\geq 36$ dB, UPC $\geq 25$ dB, APC $\geq 50$ dB	
5	Apex Offset	Atleast < 50gm	
6	Fiber Height	Atleast $\pm 100$ nm	

20 U Networking RACK			
Sr. No.	Parameter	Specifications	Quantity
1	Rack Unit	20 U	1
2	Cabinet Size	Medium	
3	Mounting Type	Wall Mounting	
4	External Height	Atleast 945 mm	
5	External Width	Atleast 553 mm	
6	External Dimension	Atleast 945*553*800 mm	
7	Special Feature	Should be slim design	
8	Material Type	Should be steel	

6 U Networking Rack			
Sr. No.	Parameter	Specifications	Quantity
1	Rack Unit	6 U	9
2	Mounting Type	Wall Mounted	
3	Front Door	Lockable Toughend Glass Door	
4	External Height	Atleast 347 mm	
5	External Width	Atleast 550 mm	
6	External Dimension	Atleast 347*550*450 mm	
7	Special Feature	Should be slim design	
8	Material Type	Should be steel	

18 U Networking Rack			
Sr. No.	Parameter	Specifications	Quantity
1	Rack Unit	18 U	4
2	Mounting Type	Wall Mounted	
3	Front Door	Lockable Toughend Glass Door	
4	External Height	Atleast 906 mm	
5	External Width	Atleast 504 mm	
6	External Dimension	Atleast 906*504*508 mm	
7	Special Feature	Should be slim design	
8	Material Type	Should be steel	

12 U Networking Rack			
Sr. No.	Parameter	Specifications	Quantity
1	Rack Unit	12 U	1
2	Mounting Type	Wall Mounted	
3	Front Door	Lockable Toughend Glass Door	
4	External Height	Atleast 613 mm	
5	External Width	Atleast 550 mm	
6	External Dimension	Atleast 613*550*500 mm	
7	Special Feature	Should be slim design	
8	Material Type	Should be steel	

15 U Networking Rack			
Sr. No.	Parameter	Specifications	Quantity
1	Rack Unit	12 U	2
2	Mounting Type	Wall Mounted	
3	Front Door	Lockable Toughend Glass Door	
4	External Height	Atleast 747 mm	
5	External Width	Atleast 550 mm	
6	External Dimension	Atleast 613*550*500 mm	
7	Special Feature	Should be slim design	
8	Material Type	Should be steel	

  
 Chairman Committee

