



UNIVERSITY OF KERALA

Tender Document For

***Supply and installing Networking equipment and cables in
Department of Nanoscience and Nanotechnology (new
Building) at Kariavattom Campus.***

CENTRAL LABORATORY FOR INSTRUMENTATION AND FACILITATION (CLIF)

Kariavattom Campus, Thiruvananthapuram, Kerala, India - 695 581

Kariavattom Campus, Thiruvananthapuram-695 581, Phone: 2308566

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1. Bidder Details (FILL THE DETAILS)

Registered Name and Address of bidder	
Communication Address	
<u>Other contact information</u> Telephone Office : Mobile: Email : FAX :	
<u>PAN AND GST No.</u>	



UNIVERSITY OF KERALA

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Kariavattom Campus, Thiruvananthapuram, Kerala, India - 695 581

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No. CLIF/NETWORKING/ 1-2021(Nano)

29.09.2021

2. Tender Notice

Sealed quotations are invited from reputed firms for Supply and installation of following items through **SPEED POST/ REGISTERED POST** only as per the minimum specification, Scope of work and terms of condition mentioned in the document at Kariavattom campus of University of Kerala at Kariavattom Campus.

1.	Name of work /Items	Supply and installing Networking equipment and cables in Department of Nanoscience and Nanotechnology (new Building) at Kariavattom Campus.
2.	Tender No.	CLIF/NETWORKING/ 1-2021(Nano)/25.09.2021
3.	Cost of tender form/ Tender Submission Fee	Rs. 1120/-
4.	Earnest Money Deposit	Rs. 4600/-
5.	Period of Completion	45 Days
6.	Documents to be submitted.	See Section 3.
7.	Start Date of issue	Shall be used the downloaded forms from https://keralauniversity.ac.in/tender_ku
8.	Last Date of receipt of Tender/ Bid closing	13.10.2021 @ 3 PM
9.	Date and time of Opening Tender	13.10.2021 @ 3.30 PM
10.	Contact details for Technical Clarification	Hon. Director, CLIF, University of Kerala, Kariavattom Campus, Thiruvananthapuram, Kerala-695581 Phone: 2308566

The interested bidders can download the Tender documents at free of cost from university website. Detailed Terms and conditions and Technical Specifications are available in Tender documents.

The bids shall be opened at the office of the Director, CLIF, Kerala University on Date mentioned above. If the above date of opening tender happens to be on a holiday or due to any other valid reason, the tender opening process will be done on the next working day or the day fixed by the undersigned.

**Director, CLIF
University of Kerala**

3. Eligibility Criteria and Documents to be Submitted

(i). Eligibility

The bidder,

- a. Shall be a Registered in India.
- b. Shall have Office in Kerala.
- c. Shall have completed Networking works of amount Rs.2,00,000/-
- d. Shall have submitted all the Documents mentioned

(ii). Documents to be Submitted

The Bid shall contain the scanned copies of the following documents which every bidder has to upload:

1. GST Registration Certificate of the Firm.
2. PAN details of the Firm.
3. Tender Fee paid Details.
4. EMD Paid Details.
5. Experience Certificate/ Work Completion Certificate from End user Regarding the Completed (one networking) work not less than Rs.2,00,000/- (Purchase order is not acceptable) within a period of last 3 years.
6. Signed Tender form **(with bidder details filled)** as acceptance of terms and conditions.
7. Financial BID with Make and Model No. against Estimate Items. (As in attached format - Annexure 1)

Fixed price: Prices quoted by the Bidder shall be fixed during the bidder's performance of the contract and not subject to variation on any account. A bid submitted with an adjustable/ variable price quotation will be treated as non - responsive and rejected.

A). Tender Fees and Earnest Money Deposit (EMD)

The Bidder shall pay a tender document fees and Earnest Money Deposit or Bid Security as mentioned in the notice inviting tender. The Bid security is required to protect the purchaser against risk of Bidder's conduct, which would warrant the forfeiture of security.

Payment modes: The Tender Fee and EMD can be paid in the following manner

1. A DD drawn in favour of "Hon. Director, CLIF, University of Kerala, Kariavattom Campus" payable at SBI Kariavattom Branch.

"Separate DD should be submitted for Tender fee and EMD "

2. Through online transfer to the Below account details

A/C Holder: Hon. Director, CLIF

A/C No. 78707266709

IFSC Code: SBIN0070043

B). SUBMISSION PROCESS:

For submission of bids, all interested bidders shall submit their best possible offers through **SPEED POST/ REGISTERED POST** only to reach the office before the last date and time of bid closing mentioned in the notice..

4. Scope of the Work

The supplier has to be supply, install and commissioning the network system as mentioned the Annexure 1. If any additional components are needed for the satisfactory completion of the work, the supplier shall be included it also._

5. Terms and conditions

1. This Bid is a **Single cover bid**. Technical bid and financial bid shall be submitted in Same cover. Failing which will be disqualification of the bidder.
2. The bidder shall quote rate for each item in the BoQ in Annexure 1. Incomplete BoQ is liable to be rejected.
3. Incomplete & conditional tenders and tenders received after the due date will be summarily rejected without assigning any reasons thereof
4. The Bidder shall quote price in clear terms. The rates quoted must be inclusive of all taxes, cost of supply at site, warranty and installation charges etc...
5. The price should be quoted only in Indian rupees. The bid shall be typed and signed by the bidder.
6. All the documents mentioned shall be submitted without fail.
7. All document be typed and clear.
8. **EMD and Tender Fee:-** The bidder shall furnish EMD and Tender Fee as mentioned in Quotation Notice. Exemption Certificate if any shall be submitted.
9. **Forfeiture of EMD:-** The EMD shall be forfeited if the successful bidder neither signed the agreement nor furnish the performance security
10. **Security Deposit:-** If work is awarded, A security Deposit equal to 3% of contract value shall be furnish by the bidder. The security Deposit will be forfeited if the firm failed to complete the terms and conditions of the bid and subsequent execution of the work/ warranty liability. It will be released on successful completion of work and general warranty period of 1 year.
11. **Validity:-** The Bid will be valid for 90 days from its date of opening. Further extension can be done by mutual consent.
12. If ordered the supplier shall execute an agreement in the Non-Judicial Stamp paper worth Rs. 200/-.

13. **Delivery :-** The item should be delivered at various Department in University of Kerala, Kariavattom Campus.
14. **Installation and commissioning:** - The items shall be installed and commissioned at the University of Kerala, Kariavattom Campus.
15. **Period of Completion:-** The work shall be completed within a period 45 days from date of agreement.
16. **Payment:-** The University will release the payment only after inspecting the work and satisfy that the supply is as per the requirements and on the basis of actual quantity executed. The payment will be made after successful completion of the supply on producing invoice in duplicate. The final bill shall be based on the actual quantity of supply made.
17. **Warranty/Guarantee: -**
- a) The Warranty of Switches and Optical transceivers shall be Next Business Day warranty.
 - b) Switches shall be provided with Lifetime Warranty/ minimum 5 year warranty.
 - c) The supplier shall guarantee to repair/replace the items or its part -if found defective within the **warranty (Defect Liability) period of 1 year for the items, the warranty of which are not mentioned Estimate.** For other items supplier shall replace the item within the warranty period mentioned in Specification/ estimate.
 - d) The entire expenditure for repair/ replaces the item in this regard shall be borne by the supplier. Warranty shall be applicable for entire item.
18. In case of dispute arises, the decision of university authority shall be final and binding on bidders.
19. The undersigned reserves the right to reject or accept any or all the tenders received fully or partly without assigning any reason thereof.
20. General rules relating to purchase of materials/equipment mentioned in store purchase manual will be also applicable to this tender.

**Director, CLIF
University of Kerala**

Annexure 1
Financial Bid

Supply and installing Networking equipment and cables in Department of Nanoscience and Nanotechnology (new Building) at Kariavattom Campus.							
Name and Address of Bidder:							
Tender no. CLIF/NETWORKING/ 1-2021(Nano)/25.09.2021							
Materials							
No.	Item	Quantity	Unit	Unit rate	Price	Make	Model
1	Outdoor Optical Fiber cable 6 Core, Single mode (10 G Compatible).	150	Mtr				
2	6 port fully loaded LIU with Loaded pigtails and LC couplers, Rack mountable (10 G Compatible).	1	Nos.				
3	LC Single mode Pigtail (10 G Compatible).	6	Nos.				
4	LC Duplex Couplers (10G)	3	Nos.				
5	LC - LC Single mode Optical Fibre patchcord 3 mtr (10 G Compatible).	3	Nos.				
6	Cat6 UTP Cable (Molex/Amp)	1200	Mtr				
7	Information Outlet (Molex/Amp)	41	Nos.				
8	Single shutter faceplate	41	Nos.				
9	3/3 SMB (box)	10	Nos.				
10	3/3 Metal box	31	Nos.				
11	20mm White ISI PVC Pipe with accessories	48	Mtr				
12	25mm White ISI PVC Pipe with accessories	167	Mtr				
13	32mm White ISI PVC Pipe with accessories	34	Mtr				
14	100 X 50mm PVC DLP Trunking	36	Mtr				
15	100 X 50mm PVC DLP Trunking accessories	30	Nos.				
16	Cat 6 1mtr Patch cord	43	Nos.				
17	Cat 6 2mtr Patch cord	39	Nos.				
18	Server Rack 12U, with power sockets, FAN and accessories	1	Nos.				
19	24 port Cat 6 patch panel - Loaded	2	Nos.				

20	24 Port 1000 Mbps L2 Manageable Switch with minimum 2 Nos. of 10 G SFP Ports, Lifetime warranty. (HP only due to compatibility issue)	1	Nos.				
21	24 Port 1000 Mbps Switch, Lifetime warranty. (HP/Netgear/Cisco)	1	Nos.				
22a	10 G SFP Transceiver of same make as switch (suitable for above switch in sl no.20)	1	Nos.				
22b	10 G SFP Transceiver of HP for Aruba 2530 switch	1	Nos.				
23	32 mm HDPE pipe with accessories	65	Mtr				
24	2" GI Pipe with accessories	4	Mtr				
25	Cast Iron OFC route marker	4	Nos.				
26	1 KVA UPS (Double battery backup) with wall mount stand	1	Nos.				
Labour							
1	Cat6 UTP Laying Charges	1200	Mtr				
2	Optical Fiber cable Laying Charges	140	Mtr				
3	RJ 45 / IO Termination Charges	41	Nos.				
4	Faceplate Fixing Charges	41	Nos.				
5	3/3 PVC Box fixing Charges (Surface)	10	Nos.				
6	Concealed fixing of 3/3 Metal Box by cutting the wall, plastering after fixing box, making the wall good and painting with suitable paint.	31	Nos.				
7	LIU Fixing & dressing	2	Nos.				
8	OFC Splicing Charges	12	Nos.				
9	Fixing and dressing of wall mount rack	1	Nos.				
10	Fixing and ports termination of Patch panel.	2	Nos.				
11	20mm/25mm/32mm PVC Pipe Laying Charges through surface	99	Mtr				
12	Concealed Laying of 20mm/25mm/32mm PVC Pipe by cutting the wall, plastering after Laying pipe, making the wall good and painting with suitable painting	150	Mtr				
13	100 X 50mm PVC DLP Trunking	36	Mtr				

14	HDPE pipe Laying Charges	65	Mtr				
15	Trenching earth up to 3 ft depth including road cutting and making good with cement concrete as per approved specification, Laying of HDPE, Baked brick layering, Refilling and restoration (For laying OFC).	60	Mtr				
16	Fixing OFC Cable route marker (with concrete)	4	Nos.				
17	Fixing GI pipe	4	Mtr				
18	Fixing and Configuration of Switch	1	Nos.				
19	Testing, Comissioning and Labelling of Network	1	Nos.				
20	Wiring Electrical point (With 2 switches and two 6A plug Point)	1	Nos.				
GRAND TOTAL							

**I (Name of authorised person) on behalf of
..... (Company Name) do
hereby agree the terms and conditions mentioned in the tender and supply of above
items as per the schedule and rate mentioned in the financial bid.**

Signature and seal of Bidder