



**INDIAN STATISTICAL INSTITUTE**  
**203 Barrackpore Trunk Road**  
**Kolkata 700108**

**Tender ID No: ISIK/PCMMM&A/68/2020-21/002**

**Date: 18.01.2021**

**NOTICE INVITING TENDER**

Tenders are invited from interested suppliers for procurement of the following:

S.No	Item Description	Quantity
<b>Supply</b>		
1.	UTP Cat 6A Cable	2
2.	24 Port Unloaded Patch Panel	1
3.	CAT 6A Information Outlet	26
4.	Single face plate	13
5.	UTP Patch Cord 1 mt CAT 6A	13
6.	UTP Patch 2 mtr CAT 6A,Back Box	13
7.	Back Box	13
<b>Services</b>		
8.	Cable laying with PVC Conduit pipe	550
9.	Termination of Information Outlet	26
10.	Fixing of face plate with Back Box	13
<b>Complete technical specification of the item No. 1 to 7 is attached as 'Annexure A' at the end of this document</b>		

**ESTIMATED TENDER VALUE**

**:Rs.1,00,000.00**

**Last date of submission of bid**

**: 08.02.2021**

**Delivery (including completion of installation, if any)**

**: 24.03.2021**

Your Quotation shall comprise of two parts: (a) **Technical Bid** (b)**Price Bid**

Both the parts must be submitted separately in two envelopes labeled clearly as "Technical Bid" and "Price Bid" respectively, and these shall be put in a third envelope. All three envelopes shall be super scribed with the following:

Quotation must be sent in sealed cover either by post or hand delivery to the following address within the deadline mentioned below:

Dr. Kishor Chandra Satpathy

In-charge

Prasanta Chandra Mahalanobis Memorial Museum and Archives

Indian Statistical Institute

203, B.T. Road, Kolkata-700108

The quotation will be considered as cancelled if the documents required for the two bids are not submitted in the correct envelopes.

<b>Time Schedule for Tender</b>	
Date of uploading of NIT	<b>19.01.2021</b>
Bid Submission Starts	<b>19.01.2021</b>
Bid Submission ends	<b>08.02.2021</b>
Date of Opening of Technical Bid	<b>09.02.2021</b>
Date of opening of Financial Proposal	<b>10.02.2021</b>

**In case the bidder is not a registered supplier of ISI, copies of the following documents must be attached with the Technical bid:**

- i) GST Registration Certificate
- ii) Trade License
- iii) Current Bank Solvency Certificate not less than estimated tender value issued within one year from the date of tender.

An UNDERTAKING about the unconditional acceptance by the bidder of Terms and Conditions as stipulated in the attached document is to be submitted along with the technical bid, in the specified format.

Bids not submitted in the specified format or not accompanied by the requisite undertaking are liable to be rejected.

**MSME Criteria:** An organization having MSME registration of Government of India will get benefit as per MSME relaxation rules.

General Terms and Conditions as well as formats for submission of bids are mentioned in the attached document.



Signature of the Indenter  
Name of the Indenter: Dr. Kishor Chandra Satpathy  
Designation: Chief Librarian  
Name of the Indenting Unit/Section  
Indian Statistical Institute  
203 B.T. Road  
Kolkata 700 108

Name of the Contact Person: Ms. Monali Mitra Paladhi  
Contact No: 9830456424  
E-mail id: [monali@isical.ac.in](mailto:monali@isical.ac.in)

## GENERAL TERMS AND CONDITIONS RELATED TO SUBMISSION OF BIDS

### 1. Penalty for suppression/distortion of facts

Submission of false document(s) by vendor is strictly prohibited and may be liable for civil and criminal action.

### 2. Validity of the tender

Offer must remain valid for 30 days from the date of opening of the price bid.

### 3. Payment terms

All rates should be quoted in INR only. Offer in any other currency will be rejected. Bids containing clauses like "Rates are subject to exchange rate fluctuations" will be rejected.

Payment will be made after satisfactory receipt of goods and installation, commissioning, testing and completion of all contractual obligations. Partial payment against partial supply within scheduled delivery period will not be admissible.

### 4. Tender Submission

Suitable arrangements for receipt of the sealed tenders during the submission period through conspicuously located tender boxes in the procuring unit/section should be ensured. In case of bulky tender documents, there should be provision in NIT for submission of bids to designated officials by hand.

### 5. Opening and Evaluation of Tender

#### A. Technical Bid

- i) Technical bid will be opened by the designated tender opener (generally, the head or his/her representative) of the procuring unit or section.
- ii) Cutting/overwriting/insertions must be accounted for by marking and putting initials.
- iii) During technical evaluation, the tender opener, on behalf of the procuring unit or section may summon bidders and seek clarification/information or additional documents or original hardcopy of any of the documents already submitted. If these are not produced within the stipulated period, the bid may be liable for rejection.
- iv) The procuring unit/section will summarize the evaluation of technical bids in the specified format (<https://www.isical.ac.in/~cpc/nit.php>) and will send the summary sheet along with all technical bids to CPC for further processing.

#### B. Financial Bid

- i) Financial bid of technically eligible vendors will be opened in a meeting (date and time will be intimated to the vendors well in advance) of the Central Purchase Committee.
- ii) At most two duly-authorized representatives of each technically eligible bidder may remain present during the opening of the price bid.
- iii) Cutting/overwriting/insertions must be accounted for by marking and putting initials.
- iv) For CVC rules regarding negotiation with L1, please refer to [circular number 4/3/07 \(OM No. 005/CRD/012\) Dated the 3rd March, 2007](#).

#### **6. Way Bill/ Road Permit**

In case of requirement of Way Bill at the time of delivery, the institute will arrange for obtaining the necessary Way Bill/ Road Permit in the name of the vendor awarded this tender. However, the prescribed entry tax shall be borne by the vendor.

**It is to be noted that the Indian Statistical Institute has Customs Duty Exemption Certificate and reduced GST rates, and the Vendor should make appropriate use of them.**

#### **7. Liquidated Damage Clause**

The schedules of delivery and installation, commissioning and testing as per Purchase Order are to be strictly adhered to. In case there is delay either in the delivery or successful completion, the vendor shall be liable to pay liquidated damages @ 0.5% of the total value of the purchase order per week or part of a week during which the delivery of such goods is delayed. Where delivery thereof is accepted after expiry of the period mentioned in purchase order the total damages so claimed shall not exceed 5% of the total contract price. Any variation in statutory levies and taxes within the contractual delivery period shall be borne by the Indian Statistical Institute. Beyond the delivery period, the upward variation of levies and taxes shall be borne by the vendor.

#### **8. Arbitration Clause**

In the event of any dispute or difference arising out of or in connection with the tender, the same shall be settled amicably by mutual consultation. If such resolution is not possible then the unresolved disputes or differences shall be referred to Arbitration as per the *Indian Arbitration and Conciliation Act, 1996*. It shall be subject to Kolkata (Calcutta) Jurisdiction only.

#### **9. Any other terms and conditions specific to the procurement (to be specified by procurer)**

#### **10. If Buy-back option is being used, then**

- i) A suitable clause must be incorporated in the NIT to enable prospective and interested bidders to formulate their bids accordingly.**
- ii) The time as well as the mode of handing over of the old item to the successful bidder should be specified in the tender notice.**
- iii) There must also be provision in the tender notice to enable the purchaser either to trade in or not to trade in the old item while purchasing the new one.**

#### **11. The Central Purchase Committee, Indian Statistical Institute, Kolkata, reserves the right to cancel the tender at any time without assigning any reasons whatsoever thereof. While rejecting/recalling tenders, the authority must record clear, logical reasons for any such action on the file.**



**UNDERTAKING BY THE TENDERER  
FOR  
ACCEPTANCE OF TERMS AND CONDITIONS OF TENDER**

(On the letterhead of the Bidder)

**Ref: e-Tender ID No:** \_\_\_\_\_ **dated** \_\_\_\_\_

I/We undertake that I/we have carefully gone through the Notice Inviting Tender, other tender documents mentioned therein, and I/we will abide by them. We also agree to accept corrigendum/corrigenda that may be published in future. My/our tender is offered taking due consideration of all factors, and if the same is accepted, I/we promise to abide by the stipulation of the tender documents, and complete the work to the total satisfaction of the \_\_\_\_\_ <Name of the Indenting Unit/Section>, Indian Statistical Institute, Kolkata - 700108.

My/our offer will remain valid for 30 days from the date of opening of tender.

I/we further undertake that the information submitted in this tender is true and correct in all respects and I/we hold my/our responsibility for the same.

I/We also certify that the price being quoted is lower than Maximum Retail Price (MRP)/ Original Equipment Manufacturer (OEM) Price, whichever is applicable.

I/we shall be responsible for rejection and/or cancellation of contract if the goods supplied are not up to the mark. I/we shall be liable for legal proceedings if the material supplied is found sub-standard or not in accordance with the specification published in the tender.

**Signature of the Tenderer with seal & date**

**Name of the Tenderer:**

**Postal Address:**

**Mobile Number:**

**Landline Number:**

**Email ID:**

**Detailed Technical Specifications:**

<b>UTP CAT6A Cable:</b>
The Category 6A/ Class EA UTP SCS shall comply with the following standards a) ISO/IEC 11801:2010 b) EN 50173 Part 1 through Part 5:2010 and 2011 c) ANSI/TIA-568-C d) IEC 60603-7-4 e) Local/National Codes and Regulations
The Category 6A/ Class EA UTP system should support the following IEEE Ethernet applications a) 802.3e - 1BASE5 b) 802.3i - 10BASE-T c) 802.3u - 100BASE-TX, 100BASE-T4 d) 802.3y - 100BASE-T2 e) 802.3z - 1000BASE-X f) 802.3ab - 1000BASE-T g) 802.af - Power Over Ethernet (15.4W) h) 802.3at - Power Over Ethernet Enhancements (25.5W) i) 802.3az - Energy Efficient Ethernet
Additionally the Category 6A/ Class EA UTP SCS shall be capable of supporting the following Fibre Channel Applications Standards, per Technical Committee 11 of INCITS: a) 1GFC-BASE-T b) 2GFC-BASE-T c) 4GFC-BASE-T
It is critical that guaranteed worst-case values are provided to ensure the SCS can support 1G transmission without risk. "Average value" or "Typical Value" is not acceptable as they do not account for lower performance channels. The proposed Category 6A UTP SCS, when configured as a worst-case 100 metre channel shall provide performance headroom over limits specified by Cat6A
NEXT - Minimum 3 db above the standards; Should support a minimum of 4 connector Channel with a minimum 3 db guaranteed NEXT
Insertion Loss - 3%
Return Loss - 1.0 db
The SCS must consist of individual components provided by the same manufacturer. "Mix and Match" products are not allowed as there is no guarantee that the overall channel will meet Category 6A Channel requirements if constructed with components from different vendors.
The Category 6A cable and Category 6A channel components shall be manufactured by a single manufacturer. The manufacturer shall warrant the Category 6A channel cable, components, and applications for a period of 20 years.
The 20 year warranty shall be a transferable warranty and has component replacement policy in case of manufacturing defect.
The SCS must be tested by an ISP 17025 accredited 3rd Party test facility to EIA/TIA 568C, ISO/IEC 11801 Amendment 1 and for the channel testing must be provided as part of the bid response.
The Category 6A system should support channels that are shorter than 15 meters for 2,3,4 connector channels without any minimum length requirements.

**24 Port Unloaded Patch Panel:**

Shall support CAT 5e, CAT 6 and CAT 6A U/UTP cabling systems.

Shall be 1U (1.75 in) in height and 19 inches in width.

**CAT6A Information Outlet (10Gigabit outlets):**

The 8-pin modular (RJ-45) jacks shall comply with IEC 60603-7-4

The Category 6A outlets shall be backward compatible with Category 6 and 5E cords and cables.

The Category 6A outlets shall be of a universal design supporting T568 A & B wiring.

The information outlet shall have a Current Rating of 1.5 A at 20°C

The information outlet must support 90 degree cable termination.

The 8-pin modular (RJ-45) jacks shall comply with IEC 60603-7-4.

The information outlet will have insertion life of 750 cycles minimum.

**Single Face Plate (Flush-mounted Modular Faceplates):**

Faceplates shall be available in single configuration.

Faceplate outlet openings shall be numbered on both sides for installation and maintenance identification.

Faceplates shall be High-impact, flame retardant.

**UTP Patch Cord (1 Mtr & 2 Mtr CAT 6A):**

The Cable should meet ANSI/TIA 568C.2 Category 6A Specifications

Cables should have TRACKING Number to check the genuinity / details of the test reports

The cable should consist of Eight 23 AWG copper conductors. Copper Clad Aluminum or any other combinations are not allowed

The Cable should be round in shape

The weight of the cable box of 1000 Feet should not be less than 34.7 lb /15.74 lg.

The nominal Jacket thickness should be 0.05 inches/0.127 cm

The nominal Outside diameter should not be more than 0.285 inches

The cable should support the installation temperature : 0 to 60 ° C

It should support Operating temperature of -20 to 60 ° C

The cable and cordage shall be "True UTP" components that do not include internal or external shields, screened components or drain wires. No Special Grounding requirements.

The horizontal cable shall have a unique print string on the cable jacket. This unique identifier shall also be used for on-line reference to a full set of factory tests that were performed on a sample from the same mater reel. The test parameters shall include NEXT, PSNEXT, Return Loss, Attenuation, ELFEXT and PSELFEXT. The on-line reference must be available on the SCS vendor public website, such that it can be accessed at any time.

**Back Box:**

PVC Back Box compatible with the above mentioned faceplate.