



INDIAN STATISTICAL INSTITUTE

203 Barrackpore Trunk Road Kolkata 700108

Tender ID No.: CSSC/2019-20/016

Date: 29/01/2020

NOTICE INVITING TENDER

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

Sl. No.	Description/ Specifications of the Item	Quantity
1	UTP Cat 6A cable box (305mt/box)	3
2	24 Port Cat 6A Unloaded Patch Panel	2
3	Cat 6A Information Outlet	72
4	UTP Patch Cord 1 mtr Cat 6A	36
5	UTP Patch Cord 2 mtr Cat 6A	34
6	Single Face Plate	34
7	Back Box	34
8	12U rack with accessories	1
Service		
1	Cable laying with PVC conduit pipe	915 metres
2	Termination of Information Outlet	72
3	Fixation of Back Box with Face Plate	34
4	Installation and dressing of Rack	1

ESTIMATED TENDER VALUE: Rs. 2,30,000/-

Last Date of Submission of Bid: 18/02/2020 (4:00 PM)

Delivery (including completion of installation, if any):

Within 45 days from the date of Purchase Order or 31st March, 2020 whichever is earlier.

Detailed Technical Specifications

Cat 6A UTP cable
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.
Horizontal Cable
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 ⁰ C It should support Operating temperature of -20 to 60 0 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.
Category 6A - 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.
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.
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.

12U WALL MOUNT RACK WITH GLASS DOOR:

PARAMETER	SPECIFICATION
Maximum Height	620mm
Maximum Width	600 mm
Maximum Depth	600 mm
Rack Height	12U
Standard Warranty	3 years

Consortium:

If the bidder is not a manufacturer, he should provide documentary evidence (e.g. Manufactures' Authorization Form (MAF) for having tied up with all the participating manufacturing agencies.

MSME Criteria:

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

Time Schedule for Tender	
Date of uploading of NIT	29/01/2020
Download of documents starts	30/01/2020
Documents download ends	18/02/2020
Online Bid Submission Starts	06/02/2020
Online Bid Submission ends	18/02/2020 (4:00 PM)
Date of Opening of Technical Bid (online)	19/02/2020
Date of uploading of Technical Bid evaluation	21/02/2020
Date of opening of Financial Proposal (Online)	24/02/2020

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:

Tender Enquiry No.: CSSC/2019-20/016 Dated: 29/01/2020 Due on: 18/02/2020 (4:00 PM)

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

The Head
Computer and Statistical Service Centre
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.

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.

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



(Deba Prasad Mandal)

Head

Computer and Statistical Service Centre
Indian Statistical Institute
Kolkata.

Name of the Contact Person: Deba Prasad Mandal

Contact No.: 033-2575-2453

e-mail id: csscservice@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 hard copy 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 CSSC 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. 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** _____

Date: _____

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: