

NIELIT - GUWAHATI

National Institute of Electronics and Information Technology

Department of Information Technology,
Ministry of Communications & Information Technology, Govt. of India
Borjhar, Guwahati – 781 015

Notice Inviting Tender

No. NIELIT/GHY/EC-Jor/247-11/Networking/2k12/784

Dated: 17th October' 2013

NIELIT Guwahati invites **sealed tenders** from the **reputed experienced firm** for supply & installation of Local Area Network (LAN) at the following locations:

- (1) **Guwahati City Centre**, located at 2nd floor of Assam Institute of Research for Tribals and Scheduled Castes, N.H.-37, Jawaharnagar, Khanapara, Guwahati-781022 (**Number of IO required will be 75 nos. Total floor area of office is 4090 Sq.ft. in one floor**)
- (2) **Silchar Extension Centre** located at 1st floor, ISBT, Ramnagar, Silchar (**Number of IO required will be 105 nos. Total floor area of office is 6256 Sq.ft. in one floor**)
- (3) **Jorhat Extension Centre** located at 1st floor, ISBT, Tarajan, Jorhat (**Number of IO required will be 105 nos. Total floor area of office is 6488 Sq.ft. in one floor**)
- (4) **NIELIT Guwahati** located at STPI Building, Borjhar, Guwahati (**Number of I/O required will be 28 nos. Total floor area of Lab is 550 Sq. ft.**)

The detailed Tender document may be viewed & downloaded from our website www.doeaccassam.ac.in. Bidders may visit the locations/sites in consultation with the respective Centre In Charge before preparing their bids. The bid must be attached with a Demand Draft/Banker's Cheque of amount of **Rs. 1,000/-** (Rupees One Thousand only) per location in favour of "NIELIT Guwahati" payable at **Guwahati**. The Tenders will be received up to **12-00 noon** on **28th October'2013 (Monday)** at **NIELIT Guwahati** and shall be opened at **3-00 pm** on the same day at **NIELIT Guwahati**.

-Sd/-
Director
NIELIT Guwahati

Tender No: NIELIT/GHY/EC-Jor/247-11/Networking/2k12/784
Dated: 17th October, 2013

TENDER DOCUMENT
FOR SETTING UP OF
LOCAL AREA NETWORK (LAN)

NIELIT - GUWAHATI
DOCUMENT CONTROL SHEET

Tender No:	NIELIT/GHY/EC-Jor/247-11/Networking/2k12/784
Name of Organization	National Institute of Electronics & Information Technology (NIELIT)
Date of Issue/Publishing	18/10/2013
Document Download/Sale Start Date	18/10/2013
Name Of The Work	Supply & Installation of Local Area Network at Guwahati, Jorhat & Silchar
Time Of Completion	15 (Fifteen) days from date of issue of order.
Tenders To Be Submitted At	NIELIT Guwahati, Near LGBI Airport, STPI Complex, Borjhar, Guwahati –781 015
Estimated cost	<ol style="list-style-type: none"> 1. For City Centre = Rs. 3.00 lakhs 2. For Silchar Extension Centre = Rs. 4.00 lakhs 3. For Jorhat Extension Centre = Rs. 4.00 lakhs 4. For NIELIT Guwahati = Rs. 0.50 lakh
Earnest Money Deposit (EMD)	<ol style="list-style-type: none"> 1. For City Centre EMD for Rs 15,000/- (Rupees Fifteen Thousand) only. 2. For Silchar Extension Centre EMD for Rs 20,000/- (Rupees Twenty Thousand) only. 3. For Jorhat Extension Centre EMD for Rs 20,000/- (Rupees Twenty Thousand) only. 4. For NIELIT Guwahati EMD for Rs 2,500/- (Rupees Two Thousand Five Hundred) only <p>EMD in the form of Demand Draft / Banker's Cheque drawn on any nationalized bank in favour of "NIELIT Guwahati" payable at Guwahati.</p>
Technical Specifications	ANNEXURE - I
Rate Sheet	ANNEXURE - II
Venue of Opening of Tender	Conference Room, NIELIT Guwahati
Last date of submission of Tender document	28th October, 2013 (Monday) at 12:00 NOON.
Date & Time Of Opening Tender	28th October'2013 (Monday) at 3:00 PM
Address for Communication	Director NIELIT Guwahati Borjhar, Guwahati – 781 015 Email : guwahati@doeaccassam.ac.in Website: http://www.doeaccassam.ac.in

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NIELIT - GUWAHATI
(IN FIRM'S LETTER HEAD)

LETTER OF ACCEPTANCE TO BE SUBMITTED IN THE BID.

To: The Director
NIELIT Guwahati
Borjhar,
Guwahati – 781 015

Sub: Acceptance of Terms and conditions of tender.

Ref: Tender No. NIELIT/GHY/EC-Jor/247-11/Networking/2k12/784 dated: 17th October, 2013

Sir,

Having examined in details of the above tender documents relating to the works and having acquired all the requisite information affecting the tender invited by you, I / We hereby agree to all terms and condition of the contract [as laid down in the tender document(s)]. I/We also agree that the printed term(s) and condition(s) if any at the back of our quotation form and / or any other paper enclosed are not applicable.

I/We undertake to complete the whole works within the period specified in the tender. In this connection we are providing here with the following information.

1. **Firm Registration** certificate.
2. **Proof of address** of the firm.
3. In case bidder is a Authorised Dealer/ Distributor,
 - a. Proof of Dealership/Distributorship from parent Company.
 - b. Authorization certificate from parent company authorizing participation in the tender.
4. **Annual Turnover** of the last financial year:
(Copies of Balance Sheet and IT return enclosed)
5. List of Clients at different states of NE region for the last 3(three) years along with copies of relevant **work order** and **timely completion certificate**.
6. Details of EMD paid
Amount..... Draft No..... Bank.....
7. VAT / CST/TIN Registration No..... PAN No.....
(Copy Enclosed)
8. Valid Service Tax Registration No.....
(Copies Enclosed)
9. Acceptance of price bid format enclosed.
10. **Affidavit / Power of Attorney** stating the capacity and the authority of the person signing on behalf of the firm enclosed.
11. Any other relevant document.

(Signature with Seal)
(Name & Designation in block letters)

NIELIT - GUWAHATI

INSTRUCTION REGARDING TENDER

Note: Bidders are requested to note that noncompliance of the following instructions are liable to render their tender being rejected.

1. Bidders should put **endorsement** on each page of the tender documents as token of perusal.
2. Bidder shall provide **documentary evidence** of their experience in similar supply and value in the NE region during the last 3 (three) years.
3. The bidder should make no alterations and / or addition to the tender papers. **Only typed/ Printed quotations will be accepted.**
4. The tender should be put in two separate sealed envelopes marked as (A) "**Technical Bid**" and (B) "**Commercial Bid**" and both be placed inside a single sealed envelope super scribing Tender Reference No. and date of this tender notice and EMD details. Along with all desired documents, EMD & Cost of the Tender Document should be placed in the "**Technical Bid**" envelope, failing which the same will be summarily rejected. "Commercial Bid" should contain only the **RATE SHEET** provided at **ANNEXURE – II** of this tender. **Commercial Bids of only those vendors shall be opened which are found to be technically acceptable in Technical Bid.**
5. The bidders will be required to furnish Earnest Money worth i) **Rs 20,000.00 (Rupees Twenty Thousand)** only each for **Silchar Extension Centre & Jorhat Extension Centre** ii) **Rs. 15,000.00 (Rupees Fifteen Thousand)** only for **Guwahati City Centre** and iii) **Rs. 2,500.00 (Rupees Two Thousand Five Hundred)** only for **NIELIT Guwahati** to be placed in the shape of DD / BC drawn in any nationalized bank in favour of "**NIELIT Guwahati**" payable at **Guwahati**. Without the Earnest Money the tender will be summarily rejected. Earnest money of suppliers to whom work is awarded shall be kept as security deposit till total supply as ordered is executed and it may be forfeited in case of (i) non compliance of contract/supply order (ii) incomplete supply (iii) material not supplied as per specifications period. EMD of the unsuccessful bidders will be returned after finalisation of the tender and acceptance of work order by the successful bidder.
6. Items are to be quoted in Indian Rupees only.
7. No Quotation will be accepted by fax, e-mail, telex, or any other such means.
8. Acceptance should be given as per enclosed format without any alterations.
9. All rates quoted will be considered to be inclusive of all taxes and freight of delivery place.
10. The quoted rates shall have to be valid for a period of 1(one) year from the date of opening of tender.
11. Bidders should submit all supporting documents in favour of information submitted in the tender. Further, copies of all statutory licenses and documents like PAN, VAT etc. should be enclosed. All documents submitted should be serially numbered.
12. Partial or selective quotes, conditional tenders would be summarily rejected.
13. A firm may submit bid for one or more location. Separate bids & envelopes to be used in case of submission of more than one bid.
14. NIELIT Guwahati shall be under no obligation is liable to accept the lowest quotation. Further the Director, NIELIT Guwahati reserves the right to reject all or any of the tenders without assigning any reasons.

-Sd/-
Director
NIELIT Guwahati

NIELIT - GUWAHATI
GENERAL TERMS AND CONDITIONS OF CONTRACT

Tender No.: NIELIT/GHY/EC-Jor/247-11/Networking/2k12/784 Dated: 17th October, 2013

This tender notice shall be governed by following terms & conditions:

1. **ELIGIBILITY-** To be eligible to participate in the tender, a Bidder should be: -
 - a. Experienced in completion of similar works (Copy of satisfactory completion certificate compliance with value of work order to be enclosed) for minimum 03 (three) work orders as detailed in 1.b below.
 - b. The bidder should have completed at least 3 assignments for implementation of LAN with minimum 50 nodes, which may also involve structured etc. OR The work where requirement is for implementation/ up gradation/ maintenance of LAN in data centre for any State/Central department /organisation/ PSUs.- (Copy of complete work order/ agreement/purchase order and successful completion certificate from the client. Certificate from client should clearly state that the scope of work was minimum 50 nodes).
2. All components & equipments including cable must be ISI/IEEE standard.
3. **NIELIT Guwahati** may allow extension of time if in his opinion the works are delayed by reasons beyond the control of the Contractor.
4. **F.O.R. Rates:** The rates quoted should be F.O.R. location of the LAN and should be inclusive of freight/packing/forwarding and other incidental charges.
5. Copy of PAN No., proof of valid Sales Tax Registration, valid Service Tax Registration and Experience Certificate (if any) of similar work and value in the N/E region during the last 3(three) years from appropriate authority should accompany the bid, otherwise, tender shall be rejected.
6. Quotation with overwriting, alternations will not be considered. **Only typed/ printed quotations** will be accepted.
7. **Validity of Rate:** The rates quoted have to be valid up to 1 (one) year from the date of opening of Commercial bid.
8. **Warranty:** Warranty period shall have to be for at least 1(one) year from the date of certification. However, weightage will be given to bidders offering additional warranty period.
9. NIELIT Guwahati shall be under no obligation to accept the lowest quotation.
10. **Acceptance of supplies:** Supplies not as per order or as per specifications will be rejected and returned at the cost of supplier and the EMD will be forfeited..
11. **DEDUCTIONS-** Statutory taxes and duties will be deducted at source as per government norms. Further other deductions as applicable as per clauses mentioned in the document will also be made.
12. Penalty will be imposed for delay in completion of work as follows:
 - a) 1 – 3 days = 2.5%
 - b) 4 – 6 days = 5%
 - c) 7 – 10 days & above = 7.5%

NIELIT - GUWAHATI

13. **Payment Terms:** Bills can be submitted on successful execution of Work Order along with certification from respective Centre in charge for release of payment. No advance payment shall be made under any circumstance.
14. It will be binding on the part of the successful bidder to supply and install the goods at the quoted rates failing which the name of the firm will be removed from the suppliers list and no further inquiries would be sent. Other relevant terms and conditions of this tender would also be made applicable automatically.
15. **Repeat order:** Repeat order, if necessary, will be placed within 1(one) year and have to be executed by the suppliers.
16. Details of the Taxes as applicable should be mentioned in the quotation clearly. In case of any ambiguity, prices will be considered as inclusive of all taxes.
17. In case of any dispute on account of deviation of the terms and conditions, the responsibility will be of suppliers and the decision of the Director, NIELIT Guwahati shall be binding and final.
18. **DISPUTES:** All disputes lie within the jurisdiction of Guwahati High Court.
19. The Bidder is liable to compensate NIELIT Guwahati for any loss suffered. All penalties imposed should be deposited by the Contractor immediately or may be deducted from any amount due to the Contractor.
20. The Tender is likely to be rejected because of non-fulfillment of any of the above terms.
21. Items are to be quoted in Indian Rupees only.
22. The detailed specifications of the goods are as per **ANNEXURE-I** attached.
23. The Rate Sheet is placed at **ANNEXURE – II**.
24. No quotation will be accepted by fax, e-mail, telex, or any other such means.
25. **Right to accept/ reject:** The Director, NIELIT Guwahati reserves the right to reject all or any tender without assigning any reason thereof.

-Sd/-
Director
NIELIT Guwahati

NIELIT - GUWAHATI
TECHNICAL SPECIFICATIONS:

ANNEXURE -I

Tender No: NIELIT/GHY/EC-Jor/247-11/Networking/2k12/784 Dated: 17th October, 2013
For Supply & Installation of Local Area Network (LAN)

SI No	Specification of Item	Minimum Desirable Quality of Product
Network Hardware Component		
1.	CAT 6 UTP Cable	Unshielded Twisted Pair, Category 6, TIA / EIA 568-C.2: (UL certificate should be submitted for CMR rating) 23 AWG solid bare copper conductor, Polyethylene insulation, Sheath Fire retardant PVC Compound (FRPVC) CMR rated jacket as per UL 1666, Cross-member fluted member pair separator, ETL or 3P tested for TIA/EIA-568C.2, 3P, also verified to Cat 6 for Zero Bit Error verified by ETL Approvals (ETL report for zero bit should be submitted), -20 Deg. C to +60 Deg. C Operating temperature, Frequency tested up to Minimum 600 MHz, Box of 305 meters Packing, 45ns MAX. Delay Skew, 100 Ohms + / - 15 ohms for 1 to 600 MHz. Impedance, Pair to-Pair and PS NEXT, ELFEXT and PSELFEXT, Return Loss, ACR and PS ACR Performance characteristics to be provided, Attenuation (dB/100m) - 32.8MAX. At 250MHz, 43.2MAX. At 400MHz, 54.8MAX. at 600MHz
2.	Information Outlet: CAT 6 Single RJ 45 UTP Port with Box	Fully Shielded Jack with metal cover for total EMI/RFI protection, Modular Design, compatible with 22-26 AWG solid conductors. Label window for port identification, performance verified upto 600 MHz.
3.	CAT 6 Mounting Cord 4 feet	TIA / EIA 568-C.2 compliant.
4.	19" 6U Wall Mount Rack with necessary Accessories	Following are the minimum required Specifications: 6U/500MMD 1 SECN with front glass door lock, PDU 6x5Aamp and 1.5 meter feed cable and 3 pin plug, shelf 255m, Fan 203v 90 CFM, cable manager 1U PVC loops, Hardware Pkt of 10, Load carrying capacity 40 KGs
5.	RJ 45 Connector CAT 6	TIA / EIA 568-C.2 compliant.
6.	N Port 10/100 Base T Ethernet Stackable Switch (N may be 24/16/12/8 U Rack Stackable Switch depending on the Network design & requirement	10/100 Mbps Ports Full Duplex, Auto MDI/MDI-X, IEEE 802.3, IEEE 802.3u, IEEE 802.3x
7.	24 Port 10/100/1000 Managed L3 Ethernet Stackable Switch	24 port managed L3 switch with 2 dual mode Electrical/Optical) GE uplink port Dual redundant, modular power supplies and fans IPv4 and IPv6 routing, Multicast routing, advanced quality of service (QoS), and Security features in hardware
8.	7 feet Dual Ended Mounting UTP Cat 6 Patch Cord	UTP, Category 6, TIA / EIA 568-C.2 Conductor 24-26 AWG stranded copper. Slim line transparent snag-less, boot to maintain bend radius, Tensile strength 50 Newton, Plug Housing Clear polycarbonate 94V-0 rate, Terminals Phosphor Bronze with gold plating, 50 micron" gold over nickel, Load bar polycarbonate, Jacket FRPVC, Insulation Flame Retardant Polyethylene, End point connector Factory standard connector, Approvals UL (UL certificate should be submitted), ETL or 3P certificates. Material ROHS compliant (ETL report should be submitted)
9.	Cable Manager for each Rack	TIA / EIA 568-C.2 compliant.
10.	Patch Panel CAT 6	TIA / EIA 568-C.2 compliant.
11.	PVC ISI Mark Casing Capping	

NIELIT - GUWAHATI

(in firm's letterhead)

RATE SHEET**ANNEXURE -II****Tender No: NIELIT/GHY/EC-Jor/247-11/Networking/2k12/784 Dated: 17th October, 2013****For Supply & Installation of Local Area Network (LAN)****Quoted for _____ (Location Name)**

SI No	Specification of Item	Quality of Product	Quantity	Rate	Amount
Network Hardware Component					
1.	CAT 6 UTP Cable		as per requirement		
2.	Information Outlet: CAT 6 Single RJ 45 UTP Port with Box		as per requirement		
3.	CAT 6 Mounting Cord 4 feet		as per requirement		
4.	Equipment Rack – 4U Wall Mount Rack with front Glass door and following accessories AC Mains Channel (5X 5A) Socket and a Switch IU Cable Manager		as per requirement		
5.	RJ 45 Connector CAT 6		as per requirement		
6.	N Port 10/100 Base T Ethernet Stackable Switch (N may be 24/16/12/8 U Rack Stackable Switch depending on the Network design & requirement		as per requirement		
7.	24 Port 10/100/1000 Managed L3 Ethernet Stackable Switch		as per requirement		
8.	7 feet Dual Ended Mounting UTP Cat 6 Patch Cord		as per requirement		
9.	PVC ISI Mark Casing Capping		as per requirement		
10.	Patch Panel CAT 6		as per requirement		
11.	Cable Manager for each Rack		as per requirement		
Installation Work					
1.	CAT 6 UTP cable laying with PVC Casing capping		as per requirement		
2.	Patch Panel fixing and termination Charge		as per requirement		
3.	Rack Fixing and dressing		as per requirement		
4.	Fixing of I/O Box		as per requirement		
Total Bid Amount					
(Rupees.....) only					

* Quantity may be mentioned after visiting the respective location.

(Signature)
with
Seal & Date