



**INVITATION LETTER**

Package Code: TEQIP-III/2019/ntst/130

Current Date: 21 August 2019

Package Name: NITS/TEQIP-III/EEE/Transmission Line

Method: Shopping Goods

Sub: INVITATION LETTER FOR NITS/TEQIP-III/EEE/Transmission Line

Dear Sir,

1. You are invited to submit your most competitive quotation for the following goods with item wise detailed specifications given at Annexure-I:

S. No.	Item	Qty.	Place of Delivery	Installation Requirement (if any)
1	Transmission Line Analyzer (3 Phase) (With SCADA)	1	NIT Sikkim	YES (As specified in the tender doc.)

2. Government of India has received a credit from the International Development Association (IDA) towards the cost of the **Technical Education Quality Improvement Programme (TEQIP) - Phase III** Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.

3. **Qualification Criteria:**

The bidder/supplier should have:

- 3.1. Enclosed an EMD (Earnest Money Deposit) of Rs.1,10,000/- (Rupees One Lakh Ten Thousand) in favour of The Director NIT Sikkim in the form of Demand Draft (DD) drawn on any commercial bank payable at Ravangla/Gangtok.
- 3.2. A minimum of 3 years experience of supplying similar items, substantiated by relevant documents.
- 3.3. An average annual turnover of Rs.30 Lakh in last three years.
- 3.4. Not been blacklisted by any Govt. Institution/Organization.

4. **Quotation:**

- 4.1. The contract shall be for the **full quantity** as described above.
- 4.2. The vendors are requested to quote lowest rate for the supply of all the items in the prescribed **Format for Quotation Submission (Annexure-III)**.
- 4.3. Corrections, if any, shall be made by crossing out, initialling, dating and re writing.
- 4.4. All duties and other levies payable by the supplier under the contract shall be included in the unit Price.
- 4.5. Applicable taxes shall be quoted separately for all items.

**NIT Sikkim being a Public Funded Research Institution, vide Notification No. 45/2017-Central Tax (Rate) and No 47/2017-Integrated Tax (Rate) is eligible for concessional rate of GST on purchase of Workstation (Computer). Further concession on customs duty is also available on customs duty vide notification No. 51/96-Cus. DSIR certificate shall be provided by the Institute to claim such concessional rate. Bidders are required to take into account the said concession in the Financial Bid. The concessional rate of GST is 5%. (Annexure-II)**

- 4.6. The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- 4.7. The Prices should be quoted in Indian Rupees only.
- 4.8. The vendor should submit trade licence/certificate of Registration (as applicable) in the required business/field, GST registration number and photocopy of the GST registration certificate, the PAN of proprietor/firm/ company with photocopy of the PAN card. Please attach a certificate that the quoted price is not more than that of any govt. organization/Institute in India. This has to be mention in the offer letter clearly.
5. Each bidder shall submit only one quotation.
6. Quotation shall remain valid for a period not less than **45** days after the last date of quotation submission.
7. The quotation should include the following information:
  - 7.1. Authorization certificate from the OEM/Principal assuring full guarantee and warrantee obligations during the liability period, for the goods offered.
  - 7.2. The list of clients (IITs, NITs/Central Universities and other reputed Institution) duly supported by copies of purchase order.
  - 7.3. Details of service/supports centres located in India.
8. **Evaluation of Quotations:** The Purchaser will evaluate and compare the quotations determined to be Substantially responsive i.e. which:
  - 8.1. are properly signed; and
  - 8.2. Confirm to the terms and conditions, and specifications.
  - 8.3. The vendor should provide complete technical details (printed literature of the manufacturer along with model/make) and the same should be verifiable from the website of the vendor/OEM. Mere copying the technical specification provided in the Annexure-I may lead to cancellation of the bid.
  - 8.4. The Institute reserves the right for pre-inspection of the goods/equipment quoted by the vendor.
9. The Quotations would be evaluated for all items together.
10. **Award of Contract:** The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.
  - 10.1. Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of Contract.
  - 10.2. The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.
11. Payment shall be made in Indian Rupees as follows:  
**Satisfactory Delivery & Installation - 70% of total cost**  
**Satisfactory Acceptance - 30% of total cost**
12. Liquidated Damages will be applied as per the below:  
Liquidated Damages per Day Min %: 0  
Liquidated Damages Max %: 10

- (a) 1% of the total cost for delay up to 15 days;
- (b) 2% of the total cost for delay more than 15 days but less than 30 days;
- (c) 5% of the total cost for delay more than 30 days but less than 60 days;
- (d) 10% of the total cost for delay more than 60 days;

**13. All supplied items are under onsite warranty for 3 years from the date of successful acceptance of items.**

14. You are requested to provide your offer latest by **15:00** hours on **11<sup>th</sup> September 2019**.

15. Detailed specifications of the items are at **Annexure-I**.

16. Training Clause (if any): **YES (Five Days Training )**

17. Testing/Installation Clause (if any): **YES**

18. Performance Security shall be applicable: **5%**

Within 07 days (seven) of the completion of order/ work order/contract/, the successful Bidder shall furnish a Performance Guarantee of an **amount equivalent to 5% of the order value**. Performance Guarantee submitted shall be from a Scheduled Commercial Bank only. Performances guarantee in the form of Demand Draft, Fixed deposit receipt/Bank Guarantee in the standard format from a scheduled commercial bank shall only be acceptable. Performance Bank Guarantee should be valid up to 60 days beyond the date of warranty/last date of contract period. In case of failure to submit the performance security, equivalent amount shall be deducted from the bill payable and kept as security.

19. Information brochures/ Product catalogue must be accompanied with the quotation clearly indicating the model quoted for.

20. The vendors should submit the technical and financial bids in a sealed envelope. Sealed quotation to be submitted/ delivered at the address mentioned below:

**The Nodal Office (Procurement),  
TEQIP-III,  
National Institute of Technology Sikkim,  
Barfung Block, Ravangla, South Sikkim  
Pin Code - 737139**

21. We look forward to receiving your quotation and thank you for your interest in this project.



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**Dr. Achintesh N. Biswas  
Nodal Officer (Procurement)**

(Annexure-I)

**TECHNICAL SPECIFICATION****Transmission Line Analyzer (3 Phase) (With SCADA)**

Sl. No.	Description of Items	Quantity
1.	<p>Transmission Line Analyzer (3 Phase)(With SCADA)</p> <p><b><u>Technical Specification:</u></b></p> <p><b>Generating Station Model</b></p> <ul style="list-style-type: none"> <li>• 440 / 110 V Isolated Source Transformer ( 3 Phase )</li> <li>• Electrical Ratings <ul style="list-style-type: none"> <li>○ Input Voltage – 440V</li> <li>○ Output Voltage – 20 – 130V (Continuously Variable)</li> <li>○ Nominal Current – 1A</li> <li>○ Fault Current – 5A (10 Sec), 10A (1.2 Sec).</li> </ul> </li> <li>• Numerical 3 Phase Over Current Relay with multiple curve setting and high-set</li> <li>• Inbuilt Breaker for Relay</li> <li>• Inbuilt Digital IO for remote breaker operation</li> <li>• RS 485 based communication</li> <li>• 1 VI Meter for Primary</li> <li>• 1 Multifunction Meter Secondary</li> <li>• Multifunction Parameters - V, I, PF, VAR, VA, W, Frequency etc. with 4 Line Display</li> <li>• Three phase LED indication ( R-phase, Y-phase, B-phase)</li> <li>• 3 Phase Slow Blow Fuse</li> <li>• Primary and Secondary Breakers</li> <li>• In panel control buttons for Primary and Secondary Breakers</li> <li>• ELCB Protection</li> <li>• MCB Protection</li> <li>• MS Panel with Powder Coating</li> <li>• Screen Printed Front Panel</li> <li>• MS Frame Stand with Nylon Wheels</li> </ul> <p><b>Load Station Model</b></p> <ul style="list-style-type: none"> <li>• Inductive Loading with Continuous Variable Control</li> <li>• Inbuilt 3 Phase Inductor for Loading</li> <li>• Resistive Loading with Continuous Variable Control</li> <li>• Inbuilt 3 Phase Rheostat for Loading <ul style="list-style-type: none"> <li>○ 6 Step Capacitor Bank with Step Control</li> </ul> </li> <li>• Electrical Ratings <ul style="list-style-type: none"> <li>○ Voltage – 110V (Nominal)</li> <li>○ Nominal Current – 1A</li> <li>○ Fault Current – 5A (10 Sec), 10A (1.2 Sec)</li> </ul> </li> <li>• Numerical 3 Phase Over Current Relay with multiple curve setting and high-set</li> <li>• Inbuilt Breaker for Relay</li> <li>• Inbuilt Digital IO for remote breaker operation</li> <li>• RS 485 based communication</li> <li>• 3 Separate Multifunction Meter for Input, Load and Capacitor Bank</li> <li>• Multifunction Parameters - V, I, PF, VAR, VA, W, Frequency etc. with 4 Line Display.</li> <li>• Three phase LED indication ( R-phase, Y-phase, B-phase)</li> <li>• 3 Phase Slow Blow Fuse.</li> <li>• Inductive Load and Resistive Load Breakers</li> <li>• In Panel Control Buttons for Inductive Load, Resistive Load and Shunt Capacitor Bank</li> <li>• MS Panel with Powder Coating</li> </ul>	1 Set

Sl. No.	Description of Items	Quantity
	<ul style="list-style-type: none"> <li>• Screen Printed Front Panel</li> <li>• MS Frame Stand with Nylon Wheels</li> </ul> <p><b>PI Section Model</b></p> <ul style="list-style-type: none"> <li>• 200 Km Line Length for Twin Moose Conductor with taps at 50Km, 100Km, 150Km and 200Km.</li> <li>• Different types of conductors selectable (Coyate, Deer, Dog, Drake, Lynx, Moose, Panther, Rabbit, Raccoon, Squirrel, Twin-Moose, Weasel, Zebra)</li> <li>• Each Pi section length: 25km</li> <li>• MS Panel with Powder Coating</li> <li>• Screen Printed Front Panel</li> <li>• Electrical Ratings <ul style="list-style-type: none"> <li>○ Voltage – 110V (Nominal)</li> <li>○ Nominal Current – 1A</li> <li>○ Fault Current – 5A (10 Sec), 10A (1.2 Sec)</li> </ul> </li> <li>• Easy Connection through front terminals</li> <li>• Inbuilt Resistors, Capacitors and Inductors of High Quality</li> <li>• MS Panel with Powder Coating and Screen Printed Front panel</li> </ul> <p><b>Mini SCADA and Automation</b></p> <ul style="list-style-type: none"> <li>• SCADA Software for breaker control and Monitoring - POWER TLS-Proprietary</li> <li>• 4 Point Monitoring – Sending End, Receiving End, Load Point and Capacitor Bank</li> <li>• 10 point breaker control – Primary, Secondary, Inductive Load, Resistive Load and 6 Steps of Capacitors</li> <li>• USB / RS 232 / RS 485 Compatible</li> </ul> <p><b>Advanced Over Current Relay with Disturbance Recorder (Sending End)</b></p> <ul style="list-style-type: none"> <li>• Multiple curve setting</li> <li>• Adjustable PMS and TMS</li> <li>• Site configurable to 1A or 5A</li> <li>• Disturbance Recorder</li> <li>• Waveform capture – Up to 10 Waveforms and 50 Events</li> <li>• Relay data downloadable through remote software</li> <li>• Remote settings of relays</li> <li>• RS232 / USB based interface</li> <li>• DR download software included</li> </ul> <p><b>Series Compensation Module</b></p> <ul style="list-style-type: none"> <li>• Capacitor based series compensation</li> <li>• Maximum compensation upto 50%</li> <li>• Front end terminals for connection to Pi line in series</li> <li>• Can type capacitors for maximum efficiency</li> </ul> <p><b>Fault Simulator Module</b></p> <ul style="list-style-type: none"> <li>• Phase selector switch to simulate LG, LL, LLG, LLL, LLLG faults</li> <li>• Inbuilt fault creation breaker to emulate simultaneous fault</li> <li>• Option to add additional resistance to the fault</li> <li>• Maximum current rating 20 times the rated current for faults less than 1.3 sec</li> <li>• Screen Printed Front Panel</li> <li>• Easy connection through front terminals</li> </ul> <p><i>Note: Detailed Manual is to be submitted both Softcopy and Hard copy.</i></p>	

**DSIR Certificate**

सूचना का  
अधिकार  
RIGHT TO  
INFORMATION

दूरभाष/TEL : 26962819, 26567373  
(EPABX) : 26565694, 26562133  
: 26565687, 26562144  
: 26562134, 26562122  
फैक्स/FAX : 26960629, 26529745  
Website : <http://www.dsir.gov.in>  
(आईएसओ 9001:2008 प्रमाणित विभाग)  
(AN ISO 9001:2008 CERTIFIED DEPARTMENT)



सत्यमेव जयते

भारत सरकार  
विज्ञान और प्रौद्योगिकी मंत्रालय  
वैज्ञानिक और औद्योगिक अनुसंधान विभाग  
टेक्नोलॉजी भवन, नया महरौली मार्ग,  
नई दिल्ली - 110016  
GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE AND TECHNOLOGY  
Department of Scientific and Industrial Research  
Technology Bhavan, New Mehrauli Road,  
New Delhi - 110016

सं0 टीयू/वी/आरजी-सीडीई/ (1199)/2016

दिनांक: 17-03-2017

महोदय/महोदया,

यह आपके पत्र/आवेदन दिनांक 27-01-2017 के संदर्भ में है जिसमें सरकारी अधिसूचना सं0 51/96 सीमा शुल्क दिनांक 23.7.1996 के अनुसार सीमा शुल्क/केन्द्रीय उत्पाद शुल्क छूट तथा सरकारी अधिसूचना सं0 10/97-केन्द्रीय उत्पाद दिनांक 01.03.1997 के अनुसार केन्द्रीय उत्पाद शुल्क छूट प्राप्त करने, जिसे समय-समय पर संशोधित किया जाता है, के प्रयोजन से सार्वजनिक निधीयत अनुसंधान संस्थाओं अथवा विश्वविद्यालय अथवा भारतीय प्रौद्योगिकी संस्थान अथवा भारतीय विज्ञान संस्थान, बंगलौर अथवा क्षेत्रीय अभियांत्रिकी महाविद्यालय, अस्पताल के अलावा, के पंजीकरण/पंजीकरण के नवीकरण का अनुरोध किया गया है।

इस संबंध में, आपके संदर्भ तथा उपयोग के लिए निम्नलिखित दस्तावेज संलग्न हैं:-

1. पंजीकरण प्रमाण पत्र
2. नियम एवं शर्तें

भवदीया,

*कामिनी*  
(कामिनी मिश्रा)

वैज्ञानिक - एफ/निदेशक



दूरभाष/TEL : 26962819, 26567373  
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 वैज्ञानिक और औद्योगिक अनुसंधान विभाग  
 टेक्नोलॉजी भवन, नया महरौली मार्ग,  
 नई दिल्ली - 110016  
 GOVERNMENT OF INDIA  
 MINISTRY OF SCIENCE AND TECHNOLOGY  
 Department of Scientific and Industrial Research  
 Technology Bhavan, New Mehrauli Road,  
 New Delhi - 110016



No. TU/V/RG-CDE(1199)/2016

Dated : 17<sup>th</sup> March, 2017

To,  
 The Director  
 National Institute of Technology Sikkim  
 Barfung Block, Ravangla Sub-Division,  
 South Sikkim - 737 139  
 Sikkim

**Subject:** Renewal of Registration of Public Funded Research Institutions or a University or an Indian Institute of Technology or Indian Institute of Science, Bangalore or a Regional Engg. College, other than a Hospital\*, for the purposes of availing Customs duty exemption in terms of Govt. Notification No. 51/96-Customs dated 23.07.1996 & 28/03-Customs dated 01.03.2003 and Central Excise Duty Exemption in terms of Govt. Notification No. 10/97-Central Excise dated 01.03.1997 & 28/13-Central Excise dated 01.10.2013 as amended from time to time.

**With Reference:** Your application dated 27 January, 2017 on the above subject, this is the certificate of registration

#### CERTIFICATE OF REGISTRATION

This is to certify that **National Institute of Technology Sikkim, Sikkim** is registered with the Department of Scientific and Industrial Research (DSIR) for purposes of availing customs duty exemptions in terms of Government Notification No. 51/96-Customs dated 23 July, 1996 and Central Excise duty exemption in terms of Government Notification No. 10/97-Central Excise dated 1 March, 1997 as amended from time to time, for research purposes only. The Registration is subject to terms and conditions mentioned overleaf.

This Registration is valid upto **31.08.2021**.

Please acknowledge the receipt.

Yours faithfully,

*Kamini Mishra*  
 (K. Mishra)

Scientist - 'F' / Director

*\* Certificate of registration is not valid for activities falling within the definition of "hospital" as per notification no. 51/96 - Customs dated 23-07-1996 and No. 10/97 - Central Excise dated 01-03-1997 issued by the Department of Revenue. The institutions are cautioned to go through the notifications before availing duty exemptions under these notifications.*

Terms and conditions for registration of public funded research institutions, etc., other than a hospital for the purposes of availing customs/central excise duty exemption in terms of Govt. notifications no.51/96-customs dt.23.7.1996 and no.10/97-central excise dt.1.3.1997 as amended from time to time.

01. The institution should acknowledge receipt of the registration letter by stating that they will abide by the terms and conditions of registration.
02. The registration would be valid for the period specified in the registration letter\*\*. Request for renewal of registration shall be made in the prescribed proforma, at least 3 months before the expiry of the valid registration. Applications received late may not be considered.  
*\*\* However, certificate of registration is not valid for activities falling within the definition of 'hospital' as per notification no. 51/96-Customs dated 23.07.1996 and No. 10/97-Central Excise dated 01.03.1997 issued by the Department of Revenue. The institutions are cautioned to go through the notifications before availing duty exemptions under these notifications.*
03. Brief summary of the R&D activities, status of on-going projects and achievements of the institution shall be submitted to the DSIR at the end of 5(five) years, in case of institution where validity of registration is 10(ten) years. This should include details related to papers published, patents obtained and processes developed, new products introduced, awards & prizes received and copy of the latest Annual Report.
04. The institution should have a broad based research advisory committee (RAC), which should meet at regular intervals for approving, guiding and monitoring the ongoing and future research projects.
05. The institution should have separate budget for research. The institution should utilise the duty exemption facility as per the above-mentioned notifications, for research purposes only. Non-research requirement such as the one for service activities, teaching, training, patient care, etc. should not be procured availing the facility.
06. DSIR will not be responsible for any misuse of the duty exemptions facility using this certificate. The onus of proving that duty exemptions has been availed for research purpose only lies with the Institution.
07. The institutions should introduce a chapter in its Annual Report dealing with the research & development work. This could contain the on-going research projects, achievements during the year, publications, patents if any, etc. The R&D income & expenditure should be separately shown in an annexure/schedule in the statement of accounts in the Annual Report.
08. The registration will entitle the institutions to avail customs/excise duty exemption on purchase of equipment, instruments, spares thereof, consumables etc. used for research & development subject to relevant Government policies in force from time to time. Such exemptions will have to be separately applied for in the prescribed formats. The institutions should also abide by the terms & conditions of the customs & central excise notifications issued/amended from time to time.
09. In case of disposal/sale of R&D equipment, clearance from customs/excise authorities will also be required in view of the applicable notifications under which the equipment was imported /purchased in India.
10. The institution should submit half-yearly returns of the imports and domestic purchases in the month of January and July every year in the proforma issued by DSIR along with details of items, their value & utilisation.
11. Any violation of the terms & conditions mentioned above and/or provisions of taxation in force will make the institution liable to de-registration.
12. The institution will also conform to such other conditions for registration stipulated in the Guidelines, as may be specifically provided in the registration letter and notices placed on department official website (<http://www.dsir.gov.in>) from time to time.

\* \* \* \* \*



(Annexure-III)

**FORMAT FOR QUOTATION SUBMISSION**

(In letterhead of the supplier with seal)

Date: .....

To,

.....  
 .....  
 .....

Sl.No.	Description of goods\ (with full Specifications)	Qty.	Unit	Quoted Unit rate in Rs. (Including Ex-Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments)	Total Price (A)	GST and other Taxes payable	
						In %	In figures (B)
<b>Total Cost</b>							

Gross Total Cost (A+B): Rs. ....

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. .... (Amount in figures) (Rupees ..... amount in words) within the period specified in the Invitation for Quotations.

We confirm that the normal commercial warranty/ guarantee of ..... months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

Name: .....

Address: .....

Contact No.: .....