

NATIONAL INSTITUTE OF TECHNOLOGY SIKKIM

Ravangla Campus, Barfung, South Sikkim 77139

www.nitsikkim.ac.in/ (Ph): 03595-260042

Tender No: NITS/ECE/RF & Microwave Lab/2016-17/01

Date: 21.06.2016

Item no: 1- Antenna Pattern & Gain Measurement Unit (Spectrum Analyser, Horn Antenna, Software Controlled turn table with accessories and 5 meters long RF connector to VNA)

Item no. 2- X band microwave test bench equipment

(For Contracts value estimated to cost less than Rs.25laks)

Tender announcement Date & Time	22.06.2016 ; 10:00 am
Closing Date & Time for submission of bid	11.07.2016 ; 05:00 pm
Date & Time of Pre bid meeting	27.06.2016 ; 11:00 am
Opening Date & Time (Technical bid)	12.07.2016 ; 10:30 am
Bid to be submitted to	Faculty In-charge ECE, National Institute of Technology Sikkim, Ravangla Campus, Barfung, South Sikkim, 737139
Place of opening of bid	Dept. of ECE, National Institute of Technology Sikkim, Ravangla Campus, Barfung, South Sikkim, 737139
Tender fee	500 (non-refundable) in form of a Demand Draft drawn in favour of DIRECTOR, NIT Sikkim
Earnest Money Deposit (EMD)	25000 /- (Twenty Five Thousand only) for item no. 1 & 7000 (Seven Thousand only) for item no. 2 in the form of a Demand Draft drawn in favour of DIRECTOR, NIT Sikkim payable at Ravangla, South Sikkim, and valid for a period of 45 days beyond the final bid validity period

To,

National Institute of Technology (NIT) Sikkim, Ravangla, South Sikkim invites most competitive bid for following goods/equipment. The bid documents for technical bid and price bid separately should be sent directly to the undersigned under Sealed Cover marked "Tender Reference No., Date", and "The Due Date:

Sl. No.	Brief description of goods/ equipment	Quantity	Place of Delivery	Installation required , if any
1	Antenna Pattern & Gain Measurement Unit which contains: (a) Spectrum Analyser (b) Horn Antenna (c) Software Controlled Turn Table with accessories (d) 5 meters long RF connector to VNA (See Annexure-II for detail specification)	(a) 01 (b) 01 (c) 01 (d) 01	NIT Sikkim Ravangla Campus, South Sikkim.	Yes

2	X band microwave test bench equipment that contains Digital Gun Power Supply, Gun Oscillator X band, Pin Modulator, Isolator, Variable attenuator, Wave guide detector, Pyramidal Horn antenna – 2nos. Tripod stand for horn antenna, Digital Read out Frequency meter, Wave guide stands, Slide screw Tuner, Coax to wave guide adapter, Movable short, matched termination, Digital Direct Reading VSWR Meter (See Annexure-II for detail specification)	02 no. test benches	NIT Sikkim Ravangla Campus, South Sikkim.	Yes
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The bidders are requested to read the tender document carefully and ensure compliance with all specifications/instructions herein. Noncompliance with specifications/ instructions in this document may disqualify the bidders from the tender process.

Tender document may be collected at free of cost from the Office of the FIECE, NIT Sikkim, Ravangla, South Sikkim – 737 139, on all working days between 11.00 a.m. & 4.00 p.m. from June 22 to July 11, 2016 or can also be downloaded from Tender section of www.nitsikkim.ac.in.

Faculty In Charge, ECE
National Institute of Technology Sikkim
Ravangla Campus, Barfung Block,
South Sikkim 737139.

Instructions to Bidders

The technical and financial bids should be quoted separately and put in different sealed envelopes marked “**Technical bid**” and “**Financial bid**” as applicable **for each item** and are to be put in separate envelope, which should be properly sealed. The respective EMD as per items mentioned above and Tender fee should be enclosed in the **technical bid only** in the form of A/C payee DD in favour of “**Director, NIT Sikkim**”.

1. The financial bid should include the cost of main equipment/item and its accessories. If there is any separate cost for installation, warranty extension etc. that should be quoted separately.
2. The quotations shall be submitted in a sealed envelope duly marked “Tender reference no, Date and due date in the corner of the envelope.
3. The printed literature and catalogue/brochure giving full technical details should be included with the technical bid to verify the specifications quoted in the tender. The bidders should submit copies of suitable documents in support of their reputation, credentials and past performance. The rates should be quoted in figures (typed or printed) and cutting/Erasing or white inking should be avoided. The final amount should be in figures as well as in words. If there are overwriting, they should be duly initialled, failing which the bids are liable to be rejected. No alternate price will be entertained in the quotation.
4. All tender documents should have to be sent through speed post or registered post only or may be dropped in the tender box at NIT Sikkim.

5. Quotation received after the closing date/time will not be considered.
6. While sending rates, the firm shall give an undertaking to the effect that *“the terms/conditions mentioned in the inquiry letter/Tender Notice against which the rates are being given are acceptable to the firm.”* In case the firms do not give this undertaking, their rates will not be considered.
7. The supplier/firm must be either original equipment manufacturer (OEM) or authorized dealer/sole distributor of quoted items, the certificate to this effect must be attached.
8. The quantity shown against the item is tentative and may vary as per dynamic requirement of the Institute.
9. In the event of any dispute or difference(s) between the vendee Institute (NIT Sikkim) and the vendor(s) arising out of non-supply of material or supplies not found according to specifications or any other cause whatsoever relating to the supply or purchase order before or after the supply has been executed, shall be referred to “The Director, NIT Sikkim”, Sikkim who may decide the matter himself.
10. All tenders in which any of the prescribed conditions is not fulfilled or any condition is put forth by the tenderer shall be summarily rejected.
11. If the successful bidder fails to supply the goods/ equipment within stipulated time, then the EMD may be forfeited.
12. Successful bidder shall have to deposit PBG of 10% having validity covering the warranty period after the P.O. is endorsed to the suppliers else Security deposit shall be deducted from the final payment for the warranty period.
13. If the supplier fails to deliver the article as per the delivery schedule, the NIT Sikkim shall be free to procure the balance / undelivered supply, at the risk and cost of the supplier, from other such suppliers.
14. The goods, articles, materials supplied by the supplier shall be accepted after inspection by an officer authorized by the competent authority. **Articles / materials which do not conform to the specifications laid down in the terms and conditions or damaged in transit shall be rejected.**
15. The bills of the suppliers shall be paid by the NIT Sikkim after all the materials / articles / equipment have been received, inspected and installation & commissioning as above. Any deviation in the material, and specifications from the accepted terms & conditions, may be liable to be rejected and the supplier needs to supply all the goods in the specified form to the satisfaction / specifications as in the purchase order and re-commission & re-install at the cost of the supplier.
16. Notwithstanding the above, the Institute reserves the right to accept or reject any particular or all bids and to cancel the whole bidding process rejecting all bids, without assigning any reason, at any time prior to the award of contract. The bidder whose bid is accepted will be notified of the award of contract by the Institute prior to expiration of the quotation validity period. The terms of the accepted offer shall incorporate in the purchase order.

17. All the terms and conditions of GFR 2005 (*including amendments made thereafter*) of the Government of India will be applicable.

18. If any dispute arises the matter shall be limited to the courts of Sikkim state only.

The technical and financial bids should be addressed to

Faculty In-charge, ECE
National Institute of Technology Sikkim
Ravangla Campus, Barfung Block, South Sikkim 737139.

The Technical bid will be opened on 12.07.2016. The bidders or their authorized representative may also be present during the opening of the Technical Bid, if they desire so, at their own expenses.

Price bids of only those bidders will be opened whose technical bids are found suitable by the committee appointed for the purpose. Date and time of opening of price bids will be decided after the committee has evaluated technical bids. In exceptional situation, an authorized committee may negotiate price with the qualified bidder quoting the lowest price before awarding the contract.

General Terms and conditions:

Pre – Qualification Criteria:

a. Bidders should be the manufacturer / authorized dealer. Letter of Authorization from original equipment manufacturer (OEM) on the same and specific to the tender should be enclosed.

b. An undertaking from the OEM is required stating that they would facilitate the bidder on a regular basis with technology/product updates and extend support for the warranty as well. In case of proprietary items, suitable declaration documents from the manufacturer to be submitted.

c. Bidders shall submit the following documents along with their **technical quotations**.

(i) Suppliers should be either manufacturer or authorized dealer of the said equipment and should submit the proof for the same (*Declaration Form I*).

(ii) The names of the organizations and laboratories to which similar equipment have supplied. If possible, recommendation letters from such customers may be attached (*Declaration Form II*).

(iii) In case of authorized dealers, bidder must furnish an authorization letter from the OEM.

(iv) Technical compliance table – The bidder shall furnish a Technical compliance table comparing the technical specifications given in Annexure – II.

(v) Tender fees and EMD in the form of DD drawn in favour of “Director, NIT Sikkim” payable at SBI, Ravangla Branch (Code 07218), along with the technical bid.

(vi) Authorised Service Centre- The OEM must have a technical service centre in India, preferably in Sikkim or West Bengal or its vicinity. The service centre must have competent engineers for providing services. The bidder must mention the address and contact person of this nearest service centre. Bids of bidders who does not have authorized service centre, shall be rejected (*Declaration Form IV*).

Prices:

The Prices quoted should be inclusive of all taxes or duties, cess, entry tax to Sikkim, packing, forwarding, freight, insurance, delivery and commissioning etc. at destination site (NIT Sikkim, Ravangla, Sikkim). Prices should be quoted separately inclusive and exclusive of Customs/Excise Duty. The rates shall be firm and final. Nothing extra shall be paid on any account. The Environment Cess shall be payable by the Supplier to the Sikkim Govt.

(a) **F.O.R.** - The quoted price must be on F.O.R. basis at NIT Sikkim, Ravangla campus.

(b) **Currency** - The rate should preferably be **quoted in Indian rupees. If the material is imported, then the supplier should show the price in foreign currency as well as show the rate of that foreign currency at which the price has been calculated.** The prospective bidders may also quote price in foreign currency. In that case, the payment may be made through the “Letter of Credit (L/C)” instrument or advance payment, depending on the choice of the competent authority of NIT Sikkim. In case of L/C, the Bank Release Order shall only be issued on arrival of the instrument in Kolkata or Bagdogra airport.

(c) **Customs Duty** - **The bidders may please note that the NIT Sikkim may provide CDEC.** But Custom Clearance against Custom exemption certificate & transportation should be done by supplier & Instrument and all accessories should be given F.O.R NIT Sikkim.

(d) **E-cess for Sikkim** - The charges to E-cess @1% of the total cost of the equipment to be paid to Sikkim Govt. / Road permit must be borne by the suppliers. This is the cost of special permit for nationally important educational institution like NIT Sikkim. The NIT Sikkim may help in arranging waybill against invoice. However, the charges @1% + cost of procurement (Form cost etc.) shall be deducted from the total bill amount.

(e) **Warranty for 03 years** – The price shall include **“comprehensive onsite service warranty for 03 years”** (including service maintenance charges and replacement of parts). In case the OEM gives warranty of parts for less than three years, the bidders shall explicitly mention the warranty period and terms & conditions of the OEM. But the **bidder must provide onsite maintenance service for three (03) years from date of installation.** (*Declaration Form III*).

Validity:

The bid should be valid for acceptance for a period of 120 Days. The Bidders should be ready to extend the validity, if required.

Delivery:

The Equipment should be delivered and installed within the period as specified in the purchase order and be ready for use within 12 weeks of the issue of purchase order unless otherwise prescribed.

Liquidated Damage:

If the bidder fails to deliver and place any or all the Equipment or perform the service by the specified date, penalty at the rate of 1% per week of the total order value subject to the maximum of 10% of total order value will be deducted.

Warranty

Bidders must give the comprehensive onsite warranty as required from the date of successful installation of Equipment against any manufacturing defects and also give the warranty declaration that *“everything to be supplied by us hereunder shall be free from all defects and faults in material, workmanship and shall be of the highest quality and material of the type ordered, shall be in full conformity with the specification and shall be complete enough to carry out the experiments, as specified in the tender document.”*

Any deviation in the material, and the specifications from the accepted terms may liable to be rejected and the bidders need to supply all the goods in the specified form to the satisfaction / specifications specified in the order / contract and demonstrate at the their own cost.

Clarifications

In case the bidder requires any clarification regarding the tender documents, they are requested to contact Mr. Surajit Kundu, (e-mail: surajit.kundu@nitsikkim.ac.in), Asst. Professor, NIT Sikkim.

BID PROPOSAL SHEET**Annexure I**

(ON THE LETTER HEAD OF THE BIDDER)

To

**Faculty In-Charge, ECE
National Institute of Technology Sikkim
Ravangla Campus, Barfung Block,
South Sikkim 737139.**

Subject: "SUPPLY & INSTALLATION OF Antenna Pattern & Gain Measurement Unit (Spectrum Analyser, Horn Antenna, Software Controlled turn table with accessories and 5 meters long RF connector to VNA) and X band microwave test bench equipment FOR RF & Microwave LAB." at NIT Sikkim, Ravangla Campus, Barfung Block, South Sikkim 737 139.

Dear Sir,

We, the undersigned Tenderer, having read and examined in detail the specifications as specified in this document in respect of Supply and Installation of SUPPLY & INSTALLATION OF Antenna Pattern & Gain Measurement Unit (Spectrum Analyser, Horn Antenna, Software Controlled turn table with accessories and 5 meters long RF connector to VNA) and X band microwave test bench equipment FOR RF & Microwave LAB. at NIT Sikkim, Ravangla Campus, Barfung Block, South Sikkim 737 139. Do hereby propose to supply the required products and services.

Tender No:				
Tender Fee : Submitted		YES/NO (Please strike off whatever is not applicable)		
Amount	Mode	Date of Issue	Name of Bank	Valid up to
	Demand Draft			
EMD : Submitted		YES/NO (Please strike off whatever is not applicable)		
Amount	Mode	Date of Issue	Name of Bank	Valid up to
	Demand Draft			

(i) **BID PRICING:** We further declare that the prices stated in our proposal are in accordance with your Terms & Conditions in the bidding document. We further understand that the quantities as specified in this Tender may increase or decrease at the time of Award of Purchase Order as per the requirements of NIT Sikkim.

(ii) **QUALIFYING DATA:** We confirm that we satisfy the qualifying criteria and have attached the requisite documents as documentary proofs. In case you require any further information/documentary proof in this regard during evaluation of our bid, we agree to furnish the same in time to your satisfaction.

(iii) **CONTRACT PERFORMANCE SECURITY:** We hereby declare that in case the contract is awarded to us, we shall submit the performance Guarantee Bond in the form of Bank Guarantee for the amount mentioned in tender document of the total ordered value.

(v) **PAYMENT TERMS:** We hereby declare that in case the contract is awarded to us, we agree with payment terms specified in the tender documents.

(vi) CERTIFICATE AND DECLARATION:

a) I/We certify that no addition/modification/alteration has been made in the Original Tender Document. If at any stage addition /modification /alteration is noticed in the Original Document, I/We will abide by the terms and conditions contained in the original tender document, failing which NIT Sikkim reserves the right to reject the tender and/or cancel the contract

b) It has been certified that all information provided in tender form is true and correct to the best of my knowledge and belief. We hereby declare that our proposal is made in good faith, without collusion or fraud. No forged /tampered document(s) are produced with tender form for gaining unlawful advantage. We understand that NIT Sikkim is authorized to make enquiry to establish the facts claimed and obtain confidential reports from clients/Manufacturer.

c) In case it is established that any information provided by us is false / misleading or in the circumstances where it is found that we have made any wrong claims. Further NIT Sikkim is also authorized to blacklist our firm/company/agency and debar us in participating in any tender/bid in future.

d) I / We assure the Institute that neither I / We, nor any of my /our workers, will do any act which is improper / illegal during the execution in case the tender is awarded to us.

e) I / We assure the Institute that I / We will NOT be outsourcing any work specified in the tender document, to any other firm.

f) Neither I / We, nor anybody on my / our behalf will indulge in any corrupt activities /practices in my /our dealing with the Institute.

g) Our Firm / Company / Agency is not been blacklisted or banned by any Govt. Department, PSU, University, Autonomous Institute or any other Govt. Organization.

h) I/We certify that, I have understood all the terms & conditions as indicated in enquiry of the tender document, and hereby accept all the same completely.

i) I/We, further certify that I/We, possess all the statutory /non-statutory registrations, permissions, approvals, etc., from the Competent Authority for providing the requisite services,

j) We understand that you are not bound to accept the lowest or any bid you may receive.

k) I/We hereby declare that this tender on acceptance communicated by you shall constitute a valid and binding contract between us.

l) I/We certify that the submitted quotation is duly paginated and contains from page no. 1 to

Date:

Signature and Seal of the Manufacturer/Bidder

Technical Compliance of Goods/Equipment

(In the letter head of the bidder)

Sl no	Descriptions/Specification	Quantity	Compliance (Yes/No)	Quoted Model
1	<p>ITEM: Antenna Pattern & Gain Measurement Unit</p> <p>(a) Spectrum Analyser</p> <p>Specification:</p> <p>FREQUENCY Frequency Range: 100 kHz to 12 GHz</p> <p>Timebase: 10 MHz reference in and out Internal Frequency Reference Accuracy: ± 1ppm (standard); 1×10^{-7} (option-02) Resolution Bandwidth: 1 Hz to 250 kHz and 6 MHz</p> <p>AMPLITUDE (RBW ≤ 100 KHZ) Range: +10 dBm to Displayed Average Noise Level Absolute Accuracy (0dB to DANL): ± 1.5 dB (100 kHz to 6 GHz) ± 2.5 dB (6 GHz to 12 GHz)</p> <p>DISPLAYED AVERAGE NOISE LEVEL (DBM/HZ) 100 kHz to 10 MHz -147 dBm 10 MHz to 100 MHz -151 dBm 100 MHz to 3.0 GHz -152 dBm 3.0 GHz to 5.5 GHz -145 dBm 5.5 GHz to 7.0 GHz -149 dBm 7.0 GHz to 8.0 GHz -147 dBm 8.0 GHz to 11.0 GHz -134 dBm 11.0 GHz to 12 GHz -129 dBm</p> <p>RESIDUAL RESPONSES (RBW = 6.5KHZ) 100 kHz to 10 MHz -100 dBm 10 MHz to 8.0 GHz -93 dBm 8.0 GHz to 11.0 GHz -82 dBm 11.0 GHz to 12GHz -85 dBm</p> <p>SSB PHASE NOISE AT 10 GHZ (TYPICAL) Frequency Offset dBc/Hz 100 Hz -72 1 kHz -80 10 kHz -87 100 kHz -87 1 MHz -110</p> <p>IF OUTPUT 63 MHz with 6 MHz bandwidth for down conversion of NTSC, PAL, SECAM, ATSC, and DTV formatted signals</p> <p>Modulation Measurement Accuracy: $\pm 1\%$ for AM & FM</p>	01		

	<p>Synchronous Level Detector ±0.25 dBc (0 dBm to -127 dBm, 100 kHz to 1.0 GHz) ±0.25 dBc (0 dBm to -117 dBm, 1.0 GHz to 6.0 GHz) ±0.25 dBc (0 dBm to -102 dBm, 6.0 GHz to 12 GHz)</p> <p>OPERATING TEMPERATURE -10°C to +40°C with full accuracy</p> <p>Accessories: Essential accessories as per the requirements and also mention the optional accessories separately.</p> <p>Warranty: 03 years on site</p> <p>Horn Antenna Specification: Frequency Range 800MHz – 18GHz 1GHz-18GHz V.S.W.R 2 :1 (avg) Antenna Type Horn Radiation Directional Gain 3-16 dBi Polarization Vertical and Horizontal Maximum Power 500 Watts Vertical Beam-width 65 -8 Deg Horizontal Beam-width 110 to 6 Deg Impedance 50 Ohm FBR 10-35 db Antenna Design Double-Ridge Connector N-Female Length (MAX) 246 mm Diameter (MAX) 203 x 147 mm Antenna Weight (G.W) 1300 g Accessories (G.W) 200 g Paets Material Aluminum Mount Style M6 or 1/4 “ Mounting “L” Type Aluminum Storage Temperature -40 to +80 Operating Temperature -40 to +60 Operating Humidity 10%~90% non-condensing Storage Humidity 5%~90% non-condensing Accessories: As per requirements Warranty: 03 years on site</p>	01		
(b)	<p>Software Controlled Turn table Specifications: Microcontroller based Programmable at degree rotation, 1 degree resolution Motorized Software for polar plot Operating Voltage: 220V/ 50Hz Motor Torque: 5 Kg Gear ratio: 30:1 Shaft height: 300 mm Pay load: 3 kg Scan time: 60 sec</p>	01		
(c)				

	<p>Home time: 60 sec Input sensitivity: 5mV Gain: 0 to -70 dB variable Weight: 5 Kg Dimensions: LxBxH : 270x260x150mm (max) Accessories: As per the requirement (computer, printer etc.) Compatibility of software controlled turn table: (i) Rohde & Schwarz ZVL 13 VNA (ii) Spectrum Analyser (Item 1-a) (iii) Horn Antenna (Item 1-b) (iv) Horn Antenna (Item 2-f)</p> <p>Warranty: 03 years on site</p> <p>(d) RF Connector to VNA Spec: Good quality N (male) to SMA male 5 meters long Compatible to output port of Rohde & Schwarz ZVL 13 VNA</p> <p>Warranty: 03 years on site</p>	01		
<p>2</p> <p>(a)</p> <p>(b)</p>	<p>ITEM: X band microwave test bench equipment All items must cover X band (8 – 12 GHz)</p> <p>Digital Gun Power Supply Spec:</p> <p>Modulation Modes:</p> <p>Continuous Wave</p> <p>Internal Modulation (Square Wave), Audio Modulation</p> <p>PC Data Modulation</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Display : 16 × 2 Characters LCD • Voltage Range : 0 to 10 V • Current : 750 mA max • Stability : 0.1 % for + 10% mains variation • Ripple : 1.0 mV typical • Modulating Frequency : 800 to 1200 Hz • Modulating Voltage : 0 - 10 Vpp variable • Power Supply : 220 V ± 10%, 50Hz • PC-Interface : RS – 232 <p>Warranty: 03 years on site</p> <p>Digital Direct Reading VSWR Meter Spec:</p> <ul style="list-style-type: none"> • Display : 16 × 2 Characters LCD 	02		

	<ul style="list-style-type: none"> • Range : 0 - 60 dB in 10 dB steps • Input : Un-biased low and high impedance biased crystal(200 W and 200 K) • Display Select : SWR 1 - 9 dB 0 - 10 • Gain Control : Adjusts the reference level, variable range 0 -10 dB (approx • Input Frequency : 1000 Hz ± 10% • Input Connector : BNC (F) • Power Supply : 220 V± 10%, 50Hz • PC-Interface : RS – 232 <p>Warranty: 03 years on site</p>			
(c)	<p>Gun Oscillator x band WR-90, 10mw Warranty: 03 years on site</p>			
(d)	<p>Pin modulator x band WR-90, compatible with x band Gun Oscillator Warranty: 03 years on site</p>			
(e)	<p>Isolator, Variable attenuator, Wave guide detector, Digital Read out Frequency meter, Wave guide stands, Slide screw Tuner, Coax to wave guide adapter (2 no.), Movable short, matched termination</p> <p>Compatible with X band, WR-90, standard instruments. Warranty: 03 years on site</p>			
(f)	<p>Pyramidal Horn antenna – 2nos. in each test bench Tripod stand for horn antenna</p> <p>Different set of horn antenna covering 0.5 GHz to 12 GHz. Gain: 20 dB Warranty: 03 years on site</p> <p>Accessories: As per requirements for item no. 2</p>			

We agree to supply the above goods/equipment in accordance with the technical specifications for a total contract price of _____ within the period specified in the Invitation for Quotations.

We also confirm that the normal commercial warrantee/guarantee of _____ months shall apply to the offered goods.

Date:

Signature and Seal of the Manufacturer/Bidder

Note:

1. Preference will be given to ISO 9001-2000 certified manufacture/supplier, who can ensure the manufacturing of the machine as per the required testing standards/tender specifications within the specified tolerance limit.
2. Bidders should provide copies of original Memorandum and Articles of Association, defining the constitution of legal status, place of registration and place of business of the company.

ANNEXURE- III

PRICE BID

(ON THE LETTER HEAD OF THE BIDDER)

Sl No	Brief Description of goods/equipment	Quantity	Quoted price in Rs.	Total Amount (in words)
1	Antenna Pattern & Gain Measurement Unit that contains: (a)Spectrum Analyser (b)Horn Antenna, (c)Software Controlled Turn Table, (d)RF Connector to VNA ZVL 13	01 no. 01 no. 01 no. 01 no.		
2	X band microwave test bench equipment that contains: Digital Gun Power Supply, Gun Oscillator X band, Pin Modulator X band, Isolator, Variable attenuator, Wave guide detector, Pyramidal Horn antenna – 2nos, Tripod stand for horn antenna, Digital Read out Frequency meter, Wave guide stands, Slide screw Tuner, Coax to wave guide adapter (2 no.), Movable short, matched termination, Digital Direct Reading VSWR Meter	02 no.		
	Taxes & other levies Sl no 1			
	Taxes & other levies Sl no 2			

We agree to supply the above goods in accordance with the technical specifications for a total contract price of _____ within the period specified in the Invitation for Quotations.

We also confirm that the normal commercial warrantee/guarantee of ____36____ months shall apply to the offered goods.

Date:

Signature and Seal of the Manufacturer/Bidder

Note:

1. Preference will be given to ISO 9001-2000 certified manufacture/supplier, who can ensure the manufacturing of the machine as per the required testing standards/tender specifications within the specified tolerance limit.
2. Bidders should provide copies of original Memorandum and Articles of Association, defining the constitution of legal status, place of registration and place of business of the company.

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ANNEXURE-IV

PROFORMA FOR DIRECT PAYMENT/TRANSFER TO BANK ACCOUNT BY NIT SIKKIM

Sino	Particulars	Information
1	Firm (Beneficiary) Name	
2	Please enclose a cancelled cheque and copy of PAN card. Cancelled cheque & PAN card is to be submitted only once	
3	Complete Bank Account No. of the Firm [beneficiary]. [in case of change in bank account vendor should write to Account Office]	
4	Bank Name	
5	Bank Address	
6	IFSC Code no	
7	Mobile no (for SMS)	
8	Email ID (for information)	

We undertake that all information provided above is correct and NIT Sikkim will not be responsible in case of any error on the part of firm.

[Seal and Signature of the firm]

Declaration Form – I

Manufacturers Authorization Letter Format

The Director
National Institute of Technology Sikkim
Ravangla, South Sikkim
PIN 737 139, INDIA

I / We who are established and reputable manufacturers of
_____ having factories at

_____ (address of factory) do hereby authorize M/s.
_____ (Name and address of
authorised vendor in India) to submit a bid, negotiate and receive the order from you against your
tender enquiry no. _____.

No company or firm or individual other than M/s.
_____ is
authorized to bid, and conclude the contract in regard to this business.

I / We hereby extend our full guarantee and warranty for the goods and services offered by the
above firm. I / We hereby declare that we have authorised service centre in India at
_____ (Name and address of the authorised service centre) and we will extend full
maintenance services through them during warranty period and beyond.

Yours faithfully,

(Name)

(Name of manufacturers)

Note: This letter of authority should be on the **letterhead of the manufacturer** and should be
signed by a person competent and having the power of attorney to bind the manufacturer. It should
be included by the Bidder in its techno-commercial unpriced bid. *In case of foreign
manufacturers, a scanned copy of the letter shall be acceptable.*

Declaration Form – II

(ON THE LETTER HEAD OF THE BIDDER)

Contact Details of Purchasers of the Same Instrument Model

The Director

National Institute of Technology Sikkim

Ravangla, South Sikkim

PIN 737 139, INDIA

This is to inform you that we have sold the following instrument, Model No.:

_____ (same as we have bid against your Tender enquiry) manufactured by
M/s _____ of _____ (*place and country
of manufacturer*) to the following purchasers in India. You are free to contact them for taking
feedback on the performance of the instrument.

SI No.	Manufacturer	Model No.	Name of the Purchasing Organisation	Contact Person of the Purchaser (Name, official address, email id, phone no.)
01.				
02.				
03				
04.				
05.				
<i>May please add more rows.</i>				

(Sign. & Seal of the bidder)

Notes:

1. Only furnish details of purchases made by reputed nationally known institutions and industry.
2. Only show purchase made during last 03 years.
3. Only show the purchase of the same model quoted for NIT Sikkim. In case, the model is recently launched, you may show purchases of its immediate predecessor model.

Declaration Form – III

(ON THE LETTER HEAD OF THE BIDDER)

ON-SITE MAINTENANCE SERVICE FOR THREE YEARS

The Director

National Institute of Technology Sikkim

Ravangla, South Sikkim

PIN 737 139, INDIA

I / We declare that we will provide on-site full maintenance services for three years from the date of delivery of the _____ (Name of the instrument) Model No.: _____ manufactured by M/s _____ of _____ (*place and country of manufacturer*) quoted against your tender no. _____.

During these three years we will not charge for maintenance services.

We will charge / not charge (*please choose appropriate one*) for replacement or repair of spare parts.

The warranty period for hardware parts of the instrument is for _____ (*please specify years & months from the date of installation*) through authorized service engineers.

We have enclosed herewith the explicit terms and conditions of the original equipment manufacturer for your perusal.

(Sign. & Seal of the bidder)

Declaration Form – IV

(ON THE LETTER HEAD OF THE BIDDER)

MAINTENANCE INFRASTRUCTURE FACILITIES INCLUDING ADDRESSES OF THE LOCAL SERVICES CENTRES

LOCATION	Address of the Service Centre	Name of the Contact Person with Tel. No. Fax No. and E-Mail	Total no. of qualified service engineers	Remarks

Signature of the Bidder

Name:

Date:

Place:

Address:

Company Seal