



## INVITATION FOR QUOTATION

Package Code: TEQIP-III/2020/nitm/157

Current Date: 25-Nov-2020

Package Name: NITMN/Microwave & Radar Lab

Method: Direct Contract Goods

To,

**VISHAL VYAPAR VIKASH**

**Guwahati, Assam-781001,**

**Gol building, 1st floor, A.T. Road Athgaon, Guwahati**

### Sub: Invitation for Quotations for supply of Goods

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,

Sr. No	Item Name	Quantity	Place of Delivery	Installation Requirement (if any)
1	Advanced Design System (ADS) Software	1	NIT Manipur	

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. **Quotation**
  - 3.1 The contract shall be for the full quantity as described above.
  - 3.2 Corrections, if any, shall be made by crossing out, initialling, dating and re writing.
  - 3.3 All duties and other levies payable by the supplier under the contract shall be included in the unit Price.
  - 3.4 Applicable taxes shall be quoted separately for all items.
  - 3.5 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.
  - 3.6 The Prices should be quoted in Indian Rupees only.
4. Each bidder shall submit only one quotation.
5. Quotation shall remain valid for a period not less than **15**days after the last date of quotation submission.
6. Evaluation of Quotations: The Purchaser will evaluate and compare the quotations

determined to be Substantially responsive i.e. which

6.1 are properly signed; and

6.2 Confirm to the terms and conditions, and specifications.

7. The Quotations would be evaluated for all items together.

8. 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.

8.1 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.

8.2 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.

9. Payment shall be made in Indian Rupees as follows:

Payment Description	Expected Delivery Period (in Days)	Payment Percentage
Satisfactory Delivery, Installation & Satisfactory Acceptance	30	100

10. Liquidated Damages will be applied as per the below:

Liquidated Damages Per Day Min % : \$\$INV\_LIG\_DAMAGE\_MIN\$\$

Liquidated Damages Max Per Day % : \$\$INV\_LIG\_DAMAGE\_MAX\$\$

11. All supplied items are under warranty of months from the date of successful acceptance of items and AMC/Others is .

12. You are requested to provide your offer latest by **16:00** hours on **11-Dec-2020**.

13. Detailed specifications of the items are at Annexure I.

14. Training Clause (if any)

15. Testing/Installation Clause (if any)

16. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.

17. Sealed quotation to be submitted/ delivered at the address mentioned below,

**National Institute of Technology, Manipur,Langol, Imphal West 795004**

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

(Authorized Signatory)

Name & Designation

**Annexure I**

<b>Sr. No</b>	<b>Item Name</b>	<b>Specifications</b>
1	Advanced Design System (ADS) Software	Advanced Designed System (ADS) & Electromagnetic professional (EMPro): 5 Users licence

### 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)	Sales tax 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. \_\_\_\_\_

**13<sup>th</sup> Nov 2019**

To  
The Director  
National Institute of Technology  
University Langol Road, Lamphelpat  
Imphal, Manipur 795004

Kind Attention: Head of Dept: Dept of Electronics & Communication Engineering

**Ref: - Proprietary Article Certificate for ADS & EMPRO software**

This is to certify that the Keysight Technologies Advanced Design Simulation Tool EMPRO is software design platform for analyzing the 3D EM effects of components such as high-speed and RF IC packages, bondwires, antennas, on-chip and off-chip embedded passives and PCB interconnects. Unique features are mentioned below.

- Design Flow Integration: Create 3D components that can be simulated together with 2D Circuits layout and schematics with ADS, using EM-Circuit co-simulation
- Broad Simulation Technology: Set up and run analysis using both frequency-domain and time domain 3D electromagnetic simulation technologies: Finite Element Method (FEM) and Finite Difference Time Domain (FDTD)
- Efficient User Interface: Quickly create arbitrary 3D structures with modern simple GUI that saves time and our EMPRO electromagnetic simulation software provides advanced scripting feature.

ID-5.1

**KEYSIGHT  
TECHNOLOGIES**





Keysight Technologies India Private Limited  
My Home Hub,  
3<sup>rd</sup> Floor, 3<sup>rd</sup> Block, Madhapur,  
Hyderabad - 500 081. India.

Tel: +91-40-4431 2213  
Fax: +91-40-4431 2222  
www.keysight.com

Advanced Design System, ADS is the world's leading electronic design automation software for RF, microwave, and high-speed digital applications. ADS Provides Complete, integrated set of fast, accurate and easy-to-use 3D EM, circuit & system simulators. It provides Linear Simulation capability such as S-Parameter and AC Simulator, Swept Parameter Analysis, such as noise figure versus a change in a component value.

ADS provide analysis of non-linear circuits excited with multi-tone sources, and preconfigured simulation setups useful in amplifier, RF, microwave, oscillator and custom circuit designs. Capability to simulate noise, gain compression, harmonic distortion, oscillator spurs, phase noise, and inter-modulation products in non-linear circuits. It provides simulator for circuits and systems driven under modulated and transient RF excitation. It provides simulation for complex digitally modulated RF signals for designing linearizers, RF Systems, and PLL Systems. It includes SPICE transient analysis including HSPICE and Spectre compatibility modes, IBIS Model Library, Simulator for creating time-domain models from frequency domain data), Channel Simulator (includes bit-by-bit and statistical modes, eye diagrams and BER contours, IBIS AMI) and Broadband SPICE Model Generator. Enable the simulation of Verilog-A models. Software provides layout for comprehensive physical design environment specifically for high-frequency circuit development, including artwork translators for DXF, Gerber, IGES and GDS-TT formats. Provide 3-D planar electromagnetic (EM) simulator used for animating current flow in conductors and slots, circuit optimization and analytical modeling.



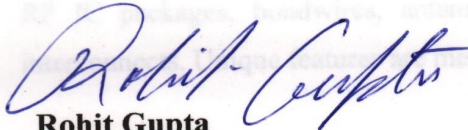
*Product Acceptance*

Software should allow minimum of 16-cores multithreaded simulation and support 3D Planar Electromagnetic Optimization. It provides system-level simulation and design solution for synchronous and timed-synchronous dataflow and model analysis/optimization. It also provides system-level simulation and design solution for synchronous and timed-synchronous dataflow and model analysis/optimization.

ADS and EMPRO are solely licensed by Keysight Technologies and not by anyone else in entire world.

Sincerely,

For M/S Keysight Technologies India Pvt Ltd



**Rohit Gupta**  
**Territory Manager**  
**Keysight Technologies**  
**Email: rohit\_gupta@keysight.com**

ID-5.1





Keysight Technologies India Private Limited  
My Home Hub,  
3<sup>rd</sup> Floor, 3<sup>rd</sup> Block, Madhapur,  
Hyderabad - 500 081. India.

Tel: +91-40-4431 2213  
Fax: +91-40-4431 2222  
www.keysight.com

13<sup>th</sup> Nov 2019

To  
The Director  
National Institute of Technology  
University Langol Road , Lampphelpat  
Imphal, Manipur 795004

Kind Attention: Head of Dept: Dept of Electronics & Communication Engineering

**Ref: - Authorization Certificate**

This is to certify that Vishal Vyapar Vikash, 1<sup>st</sup> Floor, Gol Building, A.T Road, Athgaon, Guwahati-781001(Assam) is Sole Authorized Distributor for East and North East States of India including Manipur.

Keysight would only accept orders from Vishal Vyapar Vikash (VVV) for products sold in its authorized territory.

Sincerely,

For M/S Keysight Technologies India Pvt Ltd

Rohit Gupta

Territory Manager

Keysight Technologies

Email: rohit\_gupta@keysight.com

