



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

INVITATION FOR QUOTATION

Package Code: TEQIP-III/2020/nitm/144

Current Date: 05-Feb-2020

Package Name: NITMN/Microwave & Radar Lab

Method: Direct Contract Goods

To,

Keysight Technologies

New Delhi, Delhi-110025,

404-A, Corporate One, Plot No. 5, Non-Hierarchical Commercial centre, Jasola, New Delhi

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 **21** 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 **N/A** months from the date of successful acceptance of items and AMC/Others is .
12. You are requested to provide your offer latest by **16:30** hours on **26-Feb-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

Sr. No	Item Name	Specifications
1	Advanced Design System (ADS) Software	Advanced Design System (ADS) & Electromagnetic professional (EMPro) : 5 user license

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)
Total Cost							

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. _____



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

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

13th 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, 1st 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



13th 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: - 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.



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.

ID-5.1

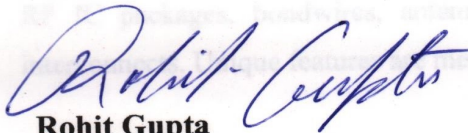

Product Complete

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





vishal vyapar vikash

GOL BUILDING (1st FLOOR), A.T.ROAD,
ATHGAON, GUWAHATI - 781001 (ASSAM)
PHONE: +91 361 2540701, 2514869
FAX: 0361-2639077, email: info@vvvindia.com

Ref: 3VQ-18/NIT-Manipur/ECE/2020/ADS

24 January, 2020

Dr. L. Surajkumar Singh
The Assistance Professor &
The Head of Department,
Department of Electronics Communication Engineering
National Institute of Technology, Manipur
Imphal - 795001.
Manipur

Sl. no.	Description of item	Price in (₹)
1.	Advanced Design System (ADS) 5 user License with training (Training two Calendar day) University License Bundle 3 Years with upgrade of 1 year only Advanced Design System (ADS) is pioneers the most successful technologies. It is innovated to solve customer challenges including X-parameters, 3D-planar, thermal and mixed-technology design and simulation. The RF and high-speed digital Instrumentation, including high-performance scientific grade MMICs, are designed using ADS. Referring us as worldwide leader in RF design and simulation technology More Engineering hours are logged on ADS in a day to solve complex design challenges, than what others log in a week. Make: Keysight Detail catalogue attached	11,38,000.00

TERMS & CONDITIONS:

1. **Order to placed on** : **VISHAL VYAPAR VIKASH**
Round Building, 1st Floor, A.T. Road, Athgaon, Guwahati -781 001 (Assam)
2. **Prices are** : F.O.R. NIT Manipur, Imphal
3. **Sales Tax** : GST extra @5% against valid DSIR certificate or @18% extra or as applicable
4. **Validity** : 60 days from the date of offer
5. **Delivery** : 4 to 6 weeks from receipt of technically & commercially clear order.
6. **Payment** : 100% payment after delivery & installation.
7. **Installation and Training** : 2 calendar day
8. **Computer** : To be provided by the Institute

= VISHAL VYAPAR VIKASH

B. Dhirasaria
(BINOD DHIRASARIA)



24/1/2020