



# राजकीय इंजीनियरिंग कालेज

कटरिया याकूबपुर, अम्बेडकर नगर (उ०प्र०) – 224122 भारत



## Rajkiya Engineering College

Katariya Yakoobpur, Ambedkar Nagar, (U.P.) – 224122 Cell Phone: 91-9454439590

AICTE APPROVED GOVERNMENT ENGINEERING COLLEGE Website: [www.recabn.ac.in](http://www.recabn.ac.in)

VIDE APPROVAL LETTER No. F. No. Northern/I-3511948247/2018/EOA DATED: 30-Apr-2018 E-mail: [director@recabn.ac.in](mailto:director@recabn.ac.in)

Affiliated to Dr. A.P.J. Abdul Kalam Technical University Lucknow, U.P., India

RECABN/TEQIP-III/2019/215

Date: 22/07/2019

### INVITATION FOR QUOTATION OF EDWIN XP SOFTWARE FOR FABRICATION

To,

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Dear Sir,

You are invited to submit your most competitive quotation for EDWIN XP software for fabrication under Power Electronics lab for the Rajkiya Engineering College. In this connection, you are invited to submit your financial offers/quotations as per the product in the given format in Annexure-II. The details of specifications are given in Annexure-I

Sr. No	Name of Particular/ Product/Package Brief Description	Quantity	Place of Delivery	Installation & Training Required
1	EDWIN XP software for Fabrication	01	Rajkiya Engineering College, Ambedkar Nagar	YES

Government of India has received a credit from the International Development Association (IDA) in various 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.

*S. Singh*  
22/07/19

**Instructions:**

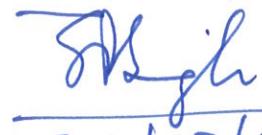
1. The quantity of the particular is as mentioned above.
2. Quotation/Offer shall be submitted individually for the above said items.
3. All duties, taxes and other levies payable by the contractor under the contract shall be included in the total price.
4. The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
5. The cost should be quoted in Indian Rupees only.
6. Quotation/Offer shall remain valid for a period not less than 45days after the last date of submission.
7. The last date of submission of offer is **29/07/2019** by **5:00 PM**.
8. The quotation will be open on **31/07/2019 at 3:00 PM**.
9. Sealed quotation to be submitted/ delivered at the address mentioned below:

<b>Quotation (In the name of)</b>	<b>Delivery Address</b>
<u>TO</u> <u>DIRECTOR</u> <u>RAJKIYA ENGINEERING COLLEGE</u> <u>AMBEDKAR NAGAR</u> <u>PIN CODE-224122, UTTAR PRADESH</u>	<u>TEQIP-III OFFICE</u> <u>RAJKIYA ENGINEERING COLLEGE</u> <u>AMBEDKAR NAGAR</u> <u>PIN CODE-224122, UTTAR PRADESH</u>

10. Bidders should mention at the top of envelop:

**Quotation for EDWIN XP software for fabrication Under TEQIP-III (in bold)**

11. Delivery of the hardware/software should be within 2-3 week from the date of P.O.
12. Payment shall be made in Indian Rupees as per P.O. no advance will be paid for the said.
13. Should not be blacklisted from the govt. Sectors/PSU/institutes.
14. Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the process and reject all quotations at any time prior to the agreement.
15. Submit Proprietary certificate on the offered products from manufacturer Company/Organization duly signed along with Quotation.
16. Submit Company Authorization letter for selling in the region duly signed along with Quotation.
17. Submit Undertaking stating item not being sold below the mentioned prices anywhere in India duly signed along with Quotation.

  
22/07/15  
(TEQIP-III Coordinator)

## Annexure-I

### Technical Specifications Of EDWINXP Concept to Prototype Fabrication PCB Lab

Sr No	EDWINXP Concept to Prototype Fabrication PCB Lab Station :	QTY
1	<p><b>Technical Specifications Of EDWINXP Concept to Prototype Fabrication PCB Lab Station :</b></p> <p>A complete Design and Implementation solution from concept to prototype <b>EDWINXP ECAD Design software 15 users Perpetual License Software</b>, it should be capable of</p> <ol style="list-style-type: none"> <li>1. Circuit Design(Schematic Capture).</li> <li>2. Circuit Simulation using EDspice.</li> <li>3. Microcontroller co-simulation.</li> <li>4. PCB layout Design.</li> <li>5. Thermal Analysis of PCB layout.</li> <li>6. EMI /EMC and signal integrity Analysis of PCB layout.</li> <li>7. Fabrication Manager for exporting Manufacturing Data.</li> <li>8. Fabrication Manager should be able to open &amp; view Gerber files.</li> </ol> <p>All these features should be integrated in a simple software package EDWinXP to offer seamless integration in different modules.</p> <p><b>Nuline VECTRA CNC Prototype Machine capabilities: 01 unit</b></p> <p>Single &amp; Double side PCB milling &amp; Drilling.</p> <p>Working Area : 420x 300 x 55 mm</p> <p>Tool Change : 8 Station Semi -Automatic(Software Controlled tool change).</p> <p>Camera Vision : Camera View and review software driven with camera monitoring station.</p> <p>Spindle Motor type: Variable speed-G Code 500W;Spindle Collet type : 1/8", 3.175mm, ER11</p> <p>Software : Conversion &amp; CAM support with <b>Fully compatible assembled PC computer Hardware with 22 Inch monitor with Pre loaded Perpetual license of MACH3 Software alongwith 15 licenses of EDWinXP software</b> . Computer Interface : Must have parallel port interface Board parallel port</p> <p>Material :PVC, PCB, Acrylic wood Material, MDF Board, Non Ferrous Metal.</p> <p>Consumables:<b>15 number of boxes (10 tool bits in a box)</b> of different Tool bits for having PCB bits for engraving, drilling (different hole dia.) and cut out end mills (approx 150 bits in number total) and Copper Clad sheets A4 size (50 numbers) 25 single side + 25 double side . Unit should have Hand held dust extraction unit to collection waste material, it should have Metal Acoustic Cabinet with transparent acrylic front.</p> <p><b>Nuline Scope for Inspection System for PCB with one unit of Nuline Soldering Desoldering Rework Station</b></p> <p>with <b>Nuline Soldering -Desoldering Rework Station</b> for in-house development of projects and product design. ESD SAFE 1 Standard, General Purpose, Proven, Rugged, Economical &amp; Very Popular Model 1 A perfect combination of the Very Popular, 1 Powerful starting, Hot air unit for Rapid Heating and IC removal 1 Air Volume Linear adjustable The Soldering &amp; Desoldering Station is Soldering -Desoldering Rework Station</p>	<b>01 Unit of EDWINXP Concept to Prototype Fabrication PCB Lab station</b>

for in-house de Rework - Soldering, Desoldering for all rework applications helping in the development of projects and product design. Being a Govt organisation **MAKE IN INDIA** shall be preferred.

**Technical Specification Of Nuline Soldering Desoldering Rework Station :**

Power Consumption : 270 W ,Temperature Range :100 °C ~ 420 °C, Air Flow : 24 L/ Minute (max.)

Controls : a. Power On / Off b. Air c. Heater Operation : 220 V AC Mains, 50 Hz ,Accessories : Nozzles ( 2nos )

Being a govt organization, Make in INDIA, product shall be preferred. Unit shall also include one microcontroller programmer kit.

**Warranty :** Should be for **2 years** standard onsite warranty from the date of Commissioning of equipment against manufacturing defects.

**IMPORTANT TERMS AND CONDITIONS FOR THE TENDER:**

1.Relevant and valid product dealership Authorization Letter from OEM/Principals for all the above packages must be attached.

2.Information brochures/Product relevant literatures/Product catalogue must to be attached mentioning all asked specifications, clearly indicating the model quoted for as per tender specifications.

3.Warranty: **Onsite standard warranty for 2 year from the date of Commissioning of equipment.**

4.Installation and Commissioning: Free of cost by vendor. Onsite training for **4 DAYS**

5.This machine must be compatible with EDWinXP ecad/ecam integrated eda package software having EDSpice Schematic Diagram Editor, EDSpice Simulators and Mixed Mode Simulators, VHDL Co-simulation Editor/compiler and Model Generator, Microcontroller Co-Simulation (Supports 8051, AVR, PIC), PCB Layout Editor Board Analyzers includes Thermal Analyzer EMC Analyzer Signal Integrity & Field Analyzer Fabrication Manager 3D Editors and Viewers. All T& C has to be matched and qualified with TECHNICAL COMPLIANCE letter from

OEM/Principal. **MOU For Technical Enhancement has to be signed in accordance with the warranty terms of 2 years with Department MOU Shall Include your engineer visit once for two days in every six months for the review of familiarization and technology update on the delivered product.**

**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. \_\_\_\_\_