

INVITATION FOR QUOTATION

Coerrigendum-1

TEQIP-III/2019/BH/dced/326

31st August 2019

To,

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Sub: Invitation for Quotations for supply of Goods

Dear Sir,

1. You are invited to submit your most competitive quotation **(in hard copy only)** for the following packages **(one quotation for one package)** with item wise detailed specifications given at annexure I,

Sr. no.	Package Code	Package Name
1	TEQIP-III/2019/BH/dced/326	PCB Design and Prototype lab station

Note: Package wise detailed specification is attached (annexure-I) with this invitation letter and also made available on the institute website.

3. You must also submit the following information along with the bid.
 - i. Supplier Name:
 - ii. Address (with Pin Code):
 - iii. Contact person Name:
 - iv. Email ID:
 - v. Mobile No.
 - vi. GST No.
 - vii. PAN No.

4. 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.

5. Quotation,

5.1 The contract shall be for the full quantity as described above.

5.2 Corrections, if any, shall be made by crossing out, initialling, dating and re writing.

5.3 All duties and other levies payable by the supplier under the contract shall be included in the unit price.

5.4 Applicable taxes shall be quoted separately for all items.

5.5 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.

5.6 The Prices should be quoted in Indian Rupees only.

6. Each bidder shall submit only one quotation for one complete package.

The bidder may submit separate quotation (as separate bid document) for each of the package advertised. The package wise detailed specification is available on the institute website <https://www.dce-darbhanga.org/teqip-iii/tenders/> and also attached here for the reference.

7. Quotation shall remain valid for a period not less than 60 days after the last date of quotation submission.

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.

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:

Delivery and Installation - 90% of total cost

Satisfactory Acceptance - 10% of total cost

12. All supplied items are under warranty of minimum 24 months from the date of successful acceptance of items.

13. You are requested to provide your offer latest by 16:00 hours on 15-Sep-2019.

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

15. Training Clause (if any): Yes, as per the requirements of individual item that will be notified in PO while awarding the contract.

16. Testing/Installation Clause (if any) Yes.

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

18. Sealed quotation to be sent through speed post/registered post/courier only to the following address:

Darbhangha College of Engineering, Darbhanga, Mabbi, Post - Lal Sahpur, VIA - PTC,
Darbhanga – 846005, Bihar.

The Tender ID, Package code and Package name must be written on top of the envelope of the bid document.

19. The bidder must mention the details of prior requirement for the installation and commissioning of the items quoted. A separate sheet with item wise requirements in a tabular form may be submitted.

20. Payment will be made only after the successful completion of set milestones and the adequate fund allocation from NPIU under TEQIP-III project.

21. Principal, Darbhanga College of Engineering, Darbhanga, reserves the rights to accept the lowest or any tender and also of rejecting all or any tender without assigning any reason for the same.

22. The entire dispute with regard to the contract of purchase of items/packages will be subject to legal jurisdiction of Darbhanga only.

23. The bidder must have valid PAN/GST No., Copy of which must be attached.

24. The bidder has to submit an affidavit that his firm has not been blacklisted by the State Govt./ Central Govt.

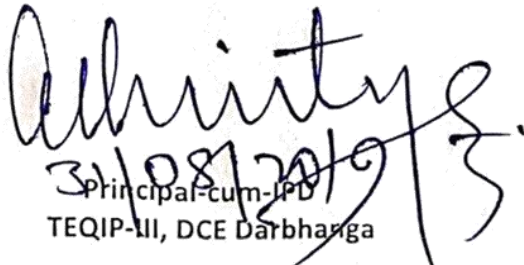
25. Preference will be given to:

- The bidders possessing relevant certification by authorized body such as ISO etc.
- The bids that have quoted the items certified for standard, quality and safety such as BIS, ISI etc.
- The Bidders having dealer/Supplier base in Bihar to prove its capability to provide after sales services and when required.

26. The bidders must provide separate technical and financial bids in two separate envelopes kept in big size single envelope. The financial bid of only those bidders will be opened who qualify technically with given specifications.

27. We look forward to receiving your quotation and thank you for your interest in the project.

28. **Delivery time: Immediately within a week otherwise 2% of the order value shall be deducted per day.**


Principal-cum-IPU
TEQIP-III, DCE Darbhanga

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: _____

DARBHANGA COLLEGE OF ENGINEERING, DARBHANGA

ELECTRICAL & ELECTRONICS ENGINEERING DEPARTMENT

Package Name: PCB Design and Prototype lab station

Package Code: TEQIP-III/2019/BH/dced/326

Quantity: 01

Detailed Specification:

PCB Router: 01 unit

Working Area : Minimum 400x 300 x 50 mm or more

Tool Change : Minimum 8 Station Semi -Automatic Or more

Camera System: Must have Integrated Camera and monitor system for fiducial marks Recognition

Spindle wattage: Minimum 2000W or more

Spindle Speed: Minimum 30,000 or above

Spindle Collet : 1/8", 3.175mm, ER11

Software : Fully compatible Perpetual license of CAM and Machine control software

Computer Interface : Parallel port or USB port

PC : Must include Machine Compatible PC with 22 Inch Monitor, wireless keyboard and mouse

Operating Noise: 65 dB (A) or less (when cutting) and 45 dB (A) or less (when not cutting)

Interface : Ease of transferring files from CAD software or Electronic Design software to machine with USB and other interface

Metals : Should be able to cut Wax, Wood, Foam, Acrylic, Poly acetate, ABS, PC board or more

Acoustic Cabinet : Machine should have Metal Acoustic Cabinet with acrylic front

Dust Extraction : Machine should be supplied with dust extraction system to collection waste material

Consumable : Drill bits in mm (0.6, 0.7, 0.8, 0.9, 1.0, 1.5, 2.0, 3.0) 10 Numbers each, Isolation Path cutter bits ($\text{Ø}1.60 \times 3.80 \times 36 \times 3.175 \times 90^\circ$ and $\text{Ø}0.75 \times 2.10 \times 36 \times 3.175 \times 60^\circ$) 05 Numbers each, contour router bits (1mm and 2 mm) 10 Numbers each, copper clad A4 size 50 Number (25 single side and 25 double side each)

PCB Inspection and Repair station with camera system – 01 Unit

Work Size Bed Dimensions: 420mm*320mm*105mm

Camera : HD Video Microscope should have SDCARD interface and measurement software Included

Distance to ground: 15mm.

Display Resolution ratio: 1920*1080P 60 Frames/sec

Optical Magnification: 0.7-5x

Light source: up and down LED lights + angle poise lamp

Display Monitor: 12 inch HD

Field of vision: 1 – 33mm

Power Supply : 220V/50Hz

PC : Must include Intel core i7 PC loaded with Windows 10 OS with 22 Inch Monitor, wireless keyboard and mouse (Preferred brands like HP, DELL, LENOVO)

Multifunctional Soldering and Desoldering Station – 02 Units

Power Supply : 220-240 V AC

Should be ESD Protected and have dual digital LCD Displays

Soldering Iron Power Consumption : 60 W heat up rating 130 W

Desoldering Gun Power Consumption : 80 W

Soldering Iron Temperature : 60° to 480°C

Desoldering Gun Temperature : 160° to 480°C

Desoldering Gun Vacuum Pressure : 600 mm of Hg

Heating Element : Ceramic Heater

Should include 1 mm and 1.3 mm tip, Cleaning tool, and Replacement filters

Make in INDIA, product shall be preferred.

Warranty : Should be for 2 years 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: **Warranty for 2 year from the date of Commissioning of equipment.**
4. Installation and Commissioning: Free of cost by vendor. Onsite training for 2 DAYS
5. Training: Detailed training on CAM software, machine control software, Gcodes, Isolation milling, Complete board milling, multiple job milling options, Microstrip Antenna Milling.
6. After sales support: should must specify additional training charges for every six months for 2 days onsite college campus for 2 years
7. Pre order demonstration may be called at our campus to verify and match the complete asked specifications. If the bidder failed to demonstrate their quoted products as per tender specifications within given specific time, college has the right to technically disqualify/reject that bidder and call next lowest bidder for demonstration for quoted product.
8. Bidders must have supplied similar or other products in any Bihar teqip3 colleges and must submit order copied for verification.
9. All items should be quoted as a single package cost.

Component List mentioned in the specification also must be supplied alongwith Package:

Sr. No.	Item Description	QTY.
1	0.25W,+5% Carbon Resistor	
A	100E,220E,390E,560E,1.2k,1.5k,2.2K,2.7K,3.3K,4.7K,5.6K,12K,15K,22K,27K,100K,220K	1700 PCS (100 Pcs Each)
B	470E,1K,10K,47K	800Pcs (200 Pcs Each)
2	Single,16mm,PCB Type, Lin potentiometer 1K,10K	100Pcs (50Pcs each
3	100v,+10% Metalized Polyester Film Capacitor .001uF,0.01uF,0.1uF	600Pcs (200Pcs each)
4	50V/63V+- 20% Electrolytic Capacitor .001uf,0.01uf,0.1uf	700 pcs (100 Pcs)
5	Diode IN4007	1000PCS
6	Zener Diode 5.IV	100 Pcs
7	Transistor BC547	500pcs
8	Transistor BC557	500 pcs
9	5mm round, Dual color Light Emitting Diode	100 pcs
10	5mm round, light emitting diode red, blue, green	1500Pcs 500 pcs
11	0.5 Inch, Common Anode 7 Segment Red Display	50 Pcs

12	IC LF398	50 Pcs
13	IC NE555	200Pcs
14	IC UA741	100
15	7400,7402,7404,7408,7432,7486	50 pcs each
16	7447 , 7410, 7411, 7420, 7473, 7476, 7483, 74283, 74138, 74153	50 Nos each
17	BNC to BNC Cable (Length 1 meter	10 pcs
18	BNC to Crocodile Cable(Length 1 meter	10 pcs
19	4mm Banana Plug to crocodile Clip Test Lead(Length -0.5 Meter) Red , Black	10 pairs
20	1/22 SWG, Hook Up Wire Red, Black, Blue , Green , Yellow	10 Roll (2 roll Each
21	Bread Board Material: High class POM Plastic steel	10 pcs
22	9V Battery	10 nos
23	1.5V AA A Battery	10 nos
24	1.5V AAA A Battery	10 nos
25	Screw Driver Set (Taparia)	10
26	Transformer 9-0-9	10
27	Transformer 12-0-12	10
28	Multimeter	10
29	Tester	10
30	All In One Multi Instrument Includes a MSO (mixedsignal oscilloscope). It is six-in-one PC-based instrument (USBconnection): 2 channel oscilloscope, Function Generator 2 channel spectrum analyzer, 2 channel recorder, 16-channel logic analyzer with serial interfaces decoding without display.	01
31	Powered Solderless Breadboard: Prototyping powered breadboard with onboard voltmeters, one 5V source and 2 variable power supply of 0-16V positive and 0-16V negative With two Liquid Crystal Displays (LCD's) to conveniently show the 0-16 positive and 0-16 negative outputs 5 Distribution Strips (500 tie points),3 Terminal Strips (1890 tie points),4 Binding Posts,One Ground One 5VDC (1 AMP) Constant Power,One 0 to +16VDC (500mA) Variable Power,One 0 to -16VDC (500mA) Variable Power,Dimensions (mm): 175*145*90,Contact life: 50,000 times,Input voltage: 230V AC 50Hz,Allowance of Input Voltage: ±20%,Transformer carried overload protection works when the temperature is over 130°CSize of body Case: 25*19.7*5.5 (cm)	01