

INVITATION FOR QUOTATION

TEQIP-III/2017/nitr/Shopping/5

01/11/2017

To,

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	Brief Description	Quantity	Delivery Period(In days)	Place of Delivery	Installation Requirement (if any)
1	Printed Circuit Board (PCB) Prototyping Machine	1	60	Electronics & Telecomm. Department, National Institute of Technology, GE Road , Raipur, C.G - 492001	yes

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 II** 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, initialing, 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 **55** 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.

6.3 The Tenderer / Bidder need to submit the following certificates along with the quotation to

* Confirm their eligibility:

* Proof of establishment of Firms/shop/business/manufacturing unit etc. and Dealership certificate from the principals etc.

* GST certificate should be enclosed

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:

Delivery and Installation – 0% of total cost

Satisfactory Acceptance - 100% of total cost

10. All supplied items are under warranty of **12** months from the date of successful acceptance of items.

11. You are requested to provide your offer latest by **15:00** hours on **01-Dec-2017**.

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

13. Training Clause (if any) **yes**

14. Testing/Installation Clause (if any) **yes**

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

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

Registrar,
National Institute of Technology,
G.E, Road, Raipur,
Chhattisgarh, Pin code-492001

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

REGISTRAR

NIT RAIPUR

Annexure I

Sr. No	Item Name	Specifications		
1	Printed Circuit Board (PCB) Prototyping Machine	S. No	Specifications	Requirement
		1.	Resolution (X/Y)	0.2 μm or better
		2.	Working area (X/Y/Z)	30 cm \times 40 cm \times 9 cm (maximum)
		3.	Table size	More than working area
		4.	Milling spindle	60000 RPM or better
		5.	Repeatability	\pm 5 μm or better
		6.	Minimum width line and space	0.1 mm or better
		7.	Maximum drilling cycles	100 (drill/min)
		8.	Positioning / Precision of front-to-back alignment	\pm 0.02 mm or better
		9.	Maximum thickness of processed material	32 mm or better

		10.	Smallest drill size	0.2 mm
		11.	Control axis	X, Y, Z
		12.	Drilling	0.2 – 3.175 (mm)
		13.	Machine voltage	80 – 245 Volts 50/60 Hz
		14.	Automatic depth control	Standard
		15.	Front panel controls	Standard
		16.	Vacuum table	Fully integrated
		17.	Sound enclosure	Integrated
		18.	Machine hood	Standard supply
		19.	Camera	The system should be supplied with positioning color-camera for board alignment, quality inspection, measurement and overlay functions
		20.	Tool change	Automatic (10 tools)

		21.	Software	CAD software, Conversion & CAM
		22.	OS support	Windows 7, 8, 10 (32 bit, 64 bit)
		23.	Compatible software	OrCAD, Win PCB, Eagle, Microwave Office, AutoCAD, HFSS, CST Microwave Studio, Ansoft Designer etc.
		24.	Convertible file format supported	Gerber, GerberX (274x), Excellon drill output date, DXF
		25.	Interface with PC	USB port
		26.	Material of machine	High quality mild steel
		27.	Types of materials processed	FR4, FR3, RT/Duriod, LTCC (unfired), Kapton, Polyimide stencil, special films, aluminum panel, engraving of our sizes comparable with our mentioned working area
		28.	CAM software	Easy to use software for controlling the machine
		29.	Set of accessories to be supplied	<ul style="list-style-type: none"> • 4 pcs Drill backing plate, more than working area size • 5 qty Base plate FR4, more than working area size, 0/35 μm (predrilled) • 5 qty Base plate FR4, more than working area size, 35/35 μm (predrilled) • 5 qty Base plate FR4, more than working area size, 18/18 μm (predrilled) • 4 qty Micro cutter with distance ring 1/8", 36mm, 0.1-0.15mm (4-6 mil) • 4 qty End mills (RF) with distance ring 1/8", 36mm, d=0.25mm (10 mil) • 5 pc special tape • 4 qty PCB cleaner • 1 set of tools of 0.125", shaft with distance rings constituting of following: <ul style="list-style-type: none"> ✓ 10 pcs universal cutter, $L_c=0.125"$, 36mm, 0.2-

				<p>0.5mm.</p> <ul style="list-style-type: none"> ✓ 4 pcs micro cutter, $L_c=0.125''$, 36mm, 0.10-0.15 mm. ✓ 1 pc end mill, $L_c=0.125''$, 36mm, d=0.8 mm. ✓ 2 pc end mill, $L_c=0.125''$, 36mm, d=1.0 mm. ✓ 1 pc end mill long, $L_c=0.125''$, 38mm, d=1.0 mm. ✓ 1 pc end mill long, $L_c=0.125''$, 38mm, d=2.0 mm. ✓ 2 pc counter router, $L_c=0.125''$, 38mm, d=1.0 mm. ✓ 2 pc counter router, $L_c=0.125''$, 38mm, d=2.0 mm. ✓ 2 pc spiral drill, $L_c=0.125''$, 38mm, d=0.40 mm. ✓ 2 pc spiral drill, $L_c=0.125''$, 38mm, d=0.50 mm. ✓ 2 pc spiral drill, $L_c=0.125''$, 38mm, d=0.60 mm. ✓ 2 pc spiral drill, $L_c=0.125''$, 38mm, d=0.70 mm. ✓ 2 pc spiral drill, $L_c=0.125''$, 38mm, d=0.80 mm. ✓ 2 pc spiral drill, $L_c=0.125''$, 38mm, d=0.90 mm. ✓ 2 pc spiral drill, $L_c=0.125''$, 38mm, d=1.0 mm. ✓ 1 pc spiral drill, $L_c=0.125''$, 38mm, d=1.2 mm. ✓ 1 pc spiral drill, $L_c=0.125''$, 38mm, d=1.4 mm. ✓ 2 pc spiral drill, $L_c=0.125''$, 38mm, d=1.5 mm. ✓ 1 pc spiral drill, $L_c=0.125''$, 38mm, d=1.6 mm. ✓ 1 pc spiral drill, $L_c=0.125''$, 38mm, d=1.8 mm. ✓ 2 pc spiral drill, $L_c=0.125''$, 38mm, d=2.0 mm. ✓ 2 pc spiral drill, $L_c=0.125''$, 38mm, d=3.0 mm.
		30.	Extra Toolset required for RF circuit fabrication	<ul style="list-style-type: none"> • 5 pc end mill (RF), $L_c=0.125''$, 36mm, d=0.25 mm • 3 pc end mill (RF), $L_c=0.125''$, 36mm, d=0.40 mm • 5 pc end mill (RF), $L_c=0.125''$, 36mm, d=0.15 mm • 4 pc end mill, $L_c=0.125''$, 36mm, d=1.0 mm • 2 pc end mill, $L_c=0.125''$, 36mm, d=2.0 mm • 2 pc end mill, $L_c=0.125''$, 36mm, d=2.0 mm

Note:

1. Service support confirmation in India to be given with three-year warranty from the date of installation.
2. All other necessary accessories must be supplied for the production of RF and Microwave boards.

FORMAT FOR QUOTATION SUBMISSION

(In letterhead of the supplier with seal)

Date: _____

To:

GST No.....

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)	GST		
						GST taxes mentioned as under	Percentage (%)	In figures (B)
						CGST		
						SGST		
						IGST		
Total Cost						Total		

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: _____