

INVITATION FOR QUOTATION

TEQIP-II/2015/NITECR/Shopping/1019

21/03/2016

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	Universal Vibration Apparatus	1	60	Civil Engineering Department National Institute of Technology, Raipur, Chhattisgarh	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.

- * A valid Sales Tax/Commercial Tax/Service Tax 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 **12.4.2016**
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,
National Institute of Technology (Formerly Engineering College, Raipur) Raipur – 492 010
(Chhattisgarh)
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	Universal Vibration Apparatus	Portal Frame The apparatus consists of a basic portal frame, robustly constructed from square, rolled hollow section, vertical uprights and double channel horizontal members. The frame mounts on four castors for ease of mobility. Screw jacks allow the weight of the frame to transfer to the floor during experiments, which enables the entire rig to be leveled prior to the experimental work and guarantees rigidity. The frame has been fully machined so as to be adaptable to accept all the listed experiments. A d.c. motor is used for all forced vibrations experiments powered by a control unit. This combination comprises of a control box and d.c. motor, which provides high precision speed control of the motor up to 3000 rev/min, irrespective of the normal load fluctuations of the motor. The front panel of the unit contains a speed control, a fully calibrated speed meter incorporating an automatic range switching device (there being two ranges: 0 - 1500 and 0 - 3000 rev/min), and power sockets for: Mains input; d.c. motor; Auxiliary output (either to a stroboscope or chart recorder), sometimes marked drum supply Detailed Specifications:- Main Frame:- Main frame is made up of ISLC 100*50 mm in Section Gussate plates provided to keep frame table. 40*10 section 300 mm length flat provided to connect Gussate plates with main frame. Necessary attachments to fix all the experiments. <u>Experiment No 1:-</u> a. Pendulum made up of rubber quantity 2 nos. B. Dia 1st pendulum 2

	C. Dia 2 pendulum 2 Length increasable up to 500mm. <u>Experiment No 2:-</u> A. Length of compound pendulum 800 mm. B. Section of compound pendulum 19mms square. C. Drills provided at 100mm & 200 mm respectively. <u>Experiment No 3:-</u> A. Length of bifilar Suspension 400 mm. B. Section of bifilar suspension 400mm *10mm. C. Drills provided to bifilar suspension 12.5 mm 5 nos. D. Weights provided at 0.05 kg 2 nos 7 1 kg 2 nos. <u>Experiment No 4:-</u> A. weights provided up to 1o kg. B. Springs 2 nos. different lengths. C. Weight pan to attach the weight. <u>Experiment No 5:-</u> A. A management to adjust the length of the dead weight. B. Section of weight platform 25 mm *12 mm. C. Trunnion bracket with trunnion shaft. D. 6001 bearings 2 nos. E. 3'4" stud with handle to keep weight platform in horizontal position. <u>Experiment No 6:-</u> A. Dash pot (oil damper) with damping change arrangement B. Excitation meter 1/B H.P DC motor speed 1500 rpm foot mounted shaft both side extended. C. Control panel consists of RPM indicator 30 to 9999 rpm model no RC 2100 transformer provided output 12-0 12v output. Proximity sensor PnP or NPN type (Same assembly is used for expt no 11) <u>Experiment No 7 & 8</u> A. Disc a 190 mm Dia 10 mm thickness with arrangement to increase the moment of inertia of disc by adding weights. B. Disc B 225 mm Dia 10mm thickness. C. Bearing used 6203 2 nos. D. Dill chucks 1/4" BSP Threading. E. Check nuts 1/4 "BSP Treading. F. shaft provided 3mm Dia with 1200mm length. G. Max 4 weight attachable to disc A. H. Hex pin 2 nos19 a/f mild steel bar 110mm length. I. Central support with 1/4 BSP Threading.
--	---

J. Bearing caps 63 mm Dia 17mm length 2 nos.

Experiment No 9:-

- A. Dia of disc 250mm 16mm thickness.
- B. Cone to immerse in water.
- C. Level indicator with scale.
- D. Water container made of aluminium.
- E. Graph plotting arrangement made of stainless steel 165mm Dia (app)
- F. Shaft provided 3 mm Dia with 1200mm length.
- G. Support provided to keep water container.
- H. Suitable drain arrangement.
- I. Central support to keep assembly in vertical position.
- J. Damper of 40mm (app) .internal Dia and 250m length (app).
- K. Piston Assembly.
- L. Graph plotting arrangement.

Experiment No 10:-

- A. Section of flat provided 25* 6mm in size.
- B. Arrangements to assemble the weight pan.
- C. Arrangements to attach flat into trunnion shafts 7 bearing 2 nos.

Other Accessories:-

- Exciter unit with fractional H>P Electric Motor.
- Ordinary strip chart recorder for recording vibrations.
- Damper with arrangement for changing damping.
- Control panel with necessary attachment.
- Weight set with least count 1 kg increasable up to 10 kg.
- Paper roll extra 2 qty.
- Spanner set standard keys up to 22mm.
- Spring additions.

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: _____