

**OFFICE OF THE PRINCIPAL GOVERNMENT ENGINEERING
COLLEGE JAGDALPUR (C.G.)494005**

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INVITATION FOR QUOTATION

TEQIP-II/2014/CG1G02/Shopping/72

15-Feb-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	90	Govt. Engineering College Jagdalpur, Distt. Bastar, (C.G.) 494005	Yes
2.	Whirling of Shaft Apparatus.	1	90	Govt. Engineering College Jagdalpur, Distt. Bastar, (C.G.) 494005	Yes
3.	Balancing Apparatus (Both Static & Dynamic)	1	90	Govt. Engineering College Jagdalpur, Distt. Bastar, (C.G.) 494005	Yes
4.	Governor apparatus with differential	1	90	Govt. Engineering College Jagdalpur, Distt. Bastar, (C.G.)	Yes

				494005	
5.	Gyroscope apparatus attachments	1	90	Govt. Engineering College Jagdalpur, Distt. Bastar, (C.G.) 494005	Yes
6.	Corioli's component of acceleration apparatus	1	90	Govt. Engineering College Jagdalpur, Distt. Bastar, (C.G.) 494005	Yes
7.	Cam analysis apparatus	1	90	Govt. Engineering College Jagdalpur, Distt. Bastar, (C.G.) 494005	Yes
8.	Slip & Creep Measurement Apparatus in Belt Drive	1	90	Govt. Engineering College Jagdalpur, Distt. Bastar, (C.G.) 494005	Yes
9.	Four bar mechanism and its inversions	1	90	Govt. Engineering College Jagdalpur, Distt. Bastar, (C.G.) 494005	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.
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. All supplied items are under warranty of **12** months from the date of successful acceptance of items.
10. You are requested to provide your offer latest by **16:00** hours on **15 march 2016**.
11. Detailed specifications of the items are at Annexure I.
12. Training Clause (if any) **Required**
13. Testing/Installation Clause (if any) **Yes**
14. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.
15. Sealed quotation to be submitted/ delivered at the address mentioned below,
Government Engineering College, Jagdalpur, Dhrampura-3, Jagdalpur, Bastar
17. We look forward to receiving your quotation and thank you for your interest in this project.

(Authorized Signatory)

Name & Designation

S.NO	NAME OF EQUIPMENTS	SPECIFICATION
1.	Universal Vibration Apparatus	<p>Net Dimensions: 1400 x 600 x 1600 mm A heavy and sturdy MS frame with a useful cupboard to store all accessories. A Control panel with Dimmer and Digital RPM Indicator Arrangement for plotting amplitudes of vibrations by a strip chart recorder. Arrangement for changing the damping positions. No. of long steel Beam = 3 nos. No. of Shaft = 3 nos. No. of Spring of Varying Stiffness = 2 Nos Tools Included: Allen key set, Stopwatch and measuring tape A 2 set of Comprehensive and a detailed technical Manual and laboratory manual</p>
2.	Whirling of Shaft Apparatus.	<p>Experimental unit on critical rotational speeds on simply loaded and continuous shafts. 6 rotor shafts made of high-strength steel. Rotor disc made of steel. Drive via elastic coupling. Motor: adjustable speed, digitally display, adjustment with potentiometers, 2 rotational speeds can be preselected, can be switched as required. Up to 4self-aligning bearings on the rotor shaft. Up to 3 securing catch bearings with plastic packing can be positioned on the rotor. Protective cover made of transparent plastic. Rotor shafts made of steel of diameter: 3mm, 6mm, 7mm and length: 600mm, 900mm Rotor disc made of steel of diameter: 80mm. Motor power: 0.25kW; Speed: 0...6000min-1; Speed electronically controlled. Drive motor 1/8 HP, 1500 rpm with control arrangement Variation of bearing spacing and shaft diameter Test shaft - 4.75 mm, 6.35 mm and 7.9 mm - 2 each. A 2 set of Comprehensive and a detailed technical Manual and laboratory manual</p>
3.	Balancing Apparatus (Both Static & Dynamic)	<p>Table Size: 600 x 300 x 600 mm 1/8 HP 6000 rpm DC Motor with controller No. of Discs: 4 Nos. No. of Weights: 8 Nos. A 2 set of Comprehensive and a detailed technical Manual and laboratory manual</p>
4.	Governor apparatus with differential	<p>Drive Unit- D.C. motor 0.25 hp. 0-1500 RPM Speed Control Unit Belt and Pulley system to give spindle speed 1 00 to 500 rpm. Governor mechanisms: - Watt - Porter - Hartnell - Proell • Set of weights Springs: 2 nos. of different stiffness of same length. A 2 set of Comprehensive and a detailed technical Manual and laboratory manual</p>

5.	Gyroscope apparatus attachments	<p>Rotor dia. 250mm free about 3 axis of rotation driven by variable speed motor. Dimmerstat to control the motor speed. Stopwatch to measure the angular speed about the axis of precession. Weights - 0.2 kg, 0.5 kg and 1 kg. Services required: 220v stabilized AC supply with earthing connection. Bench area - 0.5 x 0.5m at working height. Tachometer for speed measurement A 2 set of Comprehensive and a detailed technical Manual and laboratory manual</p>
6.	Corioli's component of acceleration apparatus	<p>Main Tank with fiberglass lining. Rotating Arms 9/6 mm dia, 300 mm long. Motor - Swinging field, D.C., 0.5 HP. Rotameter, Monoblock Pump Control Panel comprising of - (i) Speed Control Unit. (ii) Speed Indicator. (iii) Necessary switches. Rigid support frame. Range of Experiment: Coriollis Component of Acceleration can be determined at various speeds of rotation and water flow rates. Service Required: A.C. Single Phase .230 V. stabilized supply. A 2 set of Comprehensive and a detailed technical Manual and laboratory manual</p>
7.	Cam analysis apparatus	<p>Set of Cams & Followers: - Tangent cam with roller follower, - Eccentric cam with Knife edge follower, - Circular Arc cam with Mushroom follower. Springs: Helical Springs - 2 nos of different stiffness. \ Dead Weights: 1 Kg., 500 gm, 250 gm.1 Each Motor: 0.5 hp D.C motor, 0-1500 RPM. With speed control unit. Dial Gauge: 0.01 - 10mm range Stroboscope (Optional) A 2 set of Comprehensive and a detailed technical Manual and laboratory manual</p>
8.	Slip & Creep Measurement Apparatus in Belt Drive	<p>D.C. Motor - 1 HP, 1500 RPM, variable speed. Driving & Driven pulleys of equal diameters. Brake drum along with spring balance. Fiat Belt of fixed length of following materials – <input type="checkbox"/> Fabric Belt <input type="checkbox"/> Canvas Belt. <input type="checkbox"/> Rubber Belt. Belt tightening arrangement. Speed Controller unit. Two Channel digital RPM Indicator. A 2 set of Comprehensive and a detailed technical Manual and laboratory manual</p>
9.	Four bar mechanism and its inversions	<p>Model Slider Crank Mechanism Double Crank Mechanism Crank Rocker Mechanism Double Rocker Mechanism A 2 set of Comprehensive and a detailed technical Manual and laboratory manual</p>

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: _____