

**OFFICE OF THE PRINCIPAL**  
**GOVT. ENGINEERING COLLEGE JAGDALPUR, BASTAR, (C.G.) 494 005**

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**INVITATION FOR QUOTATION**

**TEQIP-III/2018/gejb/Shopping/24**

**17-Jul-2018**

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 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	Bode Plot Demonstrator	2	30	Government Engineering College Jagdalpur	Yes
2	Characteristic of syncro transmitter and pair	2	30	Government Engineering College Jagdalpur	Yes
3	Distrubance on open and close loop system	2	30	Government Engineering College Jagdalpur	Yes
4	Gain of open and	2	30	Government Engineering	Yes

	close loop gain			COLlege Jagdalpur	
5	Lead-Lag Compensation Design Trainer Kit	2	30	Government Engineering COLlege Jagdalpur	Yes
6	P, PI, PID Controller	3	30	Government Engineering COLlege Jagdalpur	Yes
7	Potentionmeter as an error detector	2	30	Government Engineering COLlege Jagdalpur	Yes
8	Simulation of transfer function using Op - amp	2	30	Government Engineering COLlege Jagdalpur	Yes
9	Time response of first and second order system	2	30	Government Engineering COLlege Jagdalpur	Yes
10	Transfer function of D C servomotor	2	30	Government Engineering COLlege Jagdalpur	Yes
11	Transfer funtion of A C servomotor	2	30	Government Engineering COLlege Jagdalpur	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 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.
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 **45** 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. Payment shall be made in Indian Rupees as follows:

**Delivery and Installation - 90% of total cost**

**Satisfactory Acceptance - 10% 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 **16:00** hours on **01-Aug-2018** .
12. Detailed specifications of the items are at Annexure I.
13. Training Clause (if any)
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,  
**Principal, Government Engineering College Jagdalpur, Dharampura - 3, Chitrakot Road, Jagdalpur, Bastar, Chhattisgarh- 494001**
17. We look forward to receiving your quotation and thank you for your interest in this project.

(Authorized Signatory)

Name & Designation

#### **Annexure I**

<b>Sr. No</b>	<b>Item Name</b>	<b>Specifications</b>
1	Bode Plot Demonstrator	"Demonstrates the principle and working of various control systems (Type 0, Type 1 & Type 2) for bode plot characteristics Study of frequency response, gain calculation, transfer function, logarithmic plot consisting of two graphs viz. logarithmic of magnitude and phase angle(combined plots are called as Bode plot) for various control systems (Type 0,1, 2) Set of necessary patch cords Supply required 230V, 50 Hz AC "
2	Characteristic of syncro transmitter	syncro transmitter and receiver-Input Rotor voltage - 50VAC, Output Stator Voltage - 34VAC (max),Stator Voltage - 34V AC

	and pair	(max),Rotor Voltage - 35VAC, multimeter, CRO
3	Distrubance on open and close loop system	multimeter-ac & dc of V ,I, & L,C,R etc
4	Gain of open and close loop gain	CRO- 5 mvolt/div to 20 volt/ div,3% acc,0 to 20 Mhz(dc),0.5hz to 20Mhz (ac) Bread board-ferromagnetic stainless steel,PID controller
5	Lead-Lag Compensation Design Trainer Kit	simple phase lag network,simple phase lead network,simple phaselag- lead network
6	P, PI, PID Controller	"PC/AT Serial Port,Graph between Time and Temperature,, Current Temperature on a screen,Control Type: High Limit ,Current 2 A Pole Type Single Pole ,Throw Type Single Throw Supply required 230V, 50 Hz AC Set of necessary patch cords "
7	Potionmeter as an error detector	"Potionmeter-Max power dissipation 200mW Max voltage @ 0 lux 200V Peak wavelength 600nm Min. resistance @ 10lux 1.8kO Max. resistance @ 10lux 4.5kO, multimeter"
8	Simulation of transfer function using Op -amp	analog computer trainer- +5v@1.0A, 1-100Hz,0 to 1mA,two 25-pin D-type
9	Time response of first and second order system	CRO, 5 mvolt/div to 20 volt/ div,3% acc,0 to 20 Mhz(dc),0.5hz to 20Mhz (ac)multimeter, function generator
10	Transfer function of D C servomotor	D C servomotor- Class-B,IP64,-20°C to 50°C,function generator- sine wave square wave etc, 1HZ -65535HZ,bread board
11	Transfer funtion of A C servomotor	A C servomotor-1.0kW to 2.2 kW,5A-20A, function generator,bread board

**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: \_\_\_\_\_