



GOVERNMENT COLLEGE OF ENGINEERING, KARAD
(An Autonomous institute of Govt. of Maharashtra)

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No. COEK/ ETC/MPMC/2017

475

Date: 23/01/2017

INVITATION FOR QUOTATION

COEK/ETC/MPMC/2017/

23-JAN-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	Qty	Delivery Period (In days)	Place of Delivery	Installation Requirement (if any)
1	DSB,SSB and AM Transmitter and modulator	2	21	ENTC Dept.GCE Karad	Yes
2	DSB,SSB and AM Receiver and demodulator	2	21	ENTC Dept.GCE Karad	Yes
3	Frequency Modulation / Demodulation	2	21	ENTC Dept.GCE Karad	Yes
4	PSTN	1	21	ENTC Dept.GCE Karad	Yes

9/c

2. Quotation,

- 2.1 The contract shall be for the full quantity as described above.
- 2.2 Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
- 2.3 All duties and other levies payable by the supplier under the contract shall be included in the unit price.
- 2.4 Applicable taxes shall be quoted separately for all items.
- 2.5 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.
- 2.6 The Prices should be quoted in Indian Rupees only.

3. Each bidder shall submit only one quotation.

4. Quotation shall remain valid for a period not less than 55days after the last date of quotation submission.

5. Evaluation of Quotations,

The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

- 5.1 are properly signed ; and
- 5.2 Confirm to the terms and conditions, and specifications.

6. **The Quotations would be evaluated on item wise.**

7. Award of contract:

The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive on technical ground and who has offered the lowest evaluated quotation price.

7.1 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.

7.2 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.

7.3 Supplier should provide material with softcopy, hardcopy, user manual, operational manual, experimental manual and other accessories .

8. Payment shall be made in Indian Rupees as follows:

Delivery and Installation - 0% of total cost

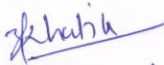
Satisfactory Acceptance - 100% of total cost


9. All supplied items are under warranty of **2 years** from the date of successful acceptance of items.
10. You are requested to provide your offer latest by **17:00** hours on **3rd Feb 2017**.
11. Detailed specifications of the items are at Annexure I.
12. Training Clause (if any)
 - 12.1 Successful demonstration of all equipment
 - 12.2 Min three days PLC training provided for software and hardware etc.
13. Testing/Installation Clause (if any) **Testing & installation in ETC Dept. at supplier cost .**
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,


Quotation for Power Electronics Laboratory

Kind Atten: Head of Electronics and Telecommunication Department ,Government College of Engineering,Karad , Vidya Nagar, Karad. Dist. Satara.Maharashtra. PIN 415124

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


LAB In-charge
A.S. Khatri


Dept. Procurement
Coordinator


A.B. Potil
(Authorized Signatory)
Name & Designation
Head of Department
Electronics and Telecommunication Department
Government College of Engineering, Karad

Annexure I

Sr. No	Item Name	Specifications
1	DSB,SSB and AM Transmitter and modulator	Modulators Balanced Modulator with Band pass Filter (upto 1 MHz) Balanced Modulator (455 KHz) - 1 No.,Carrier Frequency upto 1 MHz and adjustable Transmitter Amplifier Output : (Gain adjustable) DSB (upto 1 MHz),SSB (upto 1.5 MHz) connected to Antenna/cable with power supply : 230 V $\pm 10\%$, 50/60 Hz, Learning material CD (Theory, procedure, reference results, etc)
2	DSB,SSB and AM Receiver and demodulator	Superhetrodyne receiver ,Freq. Range : 500 KHz to 2000 KHz approx, Intermediate Frequency 455 KHz, Input Circuits 1) RF Amplifier 2) Mixer 3) Local Oscillator 4) Beat Frequency Oscillator 5) IF Amplifier 1 6) SSB and DSB detector by any scheme with power supply : 230 V $\pm 10\%$, 50/60 Hz, Learning material CD (Theory, procedure, reference results, etc
3	Frequency Modulation / Demodulation	FM Modulator at least 1)Reactance Modulator (with carrier Frequency adjustment)2)Varactor Modulator (with carrier Frequency adjustment) Mixer / Amplifier (With Gain adjustment) Allows FM input signal to be amplitude modulated by a noise input prior to demodulation. FM Demodulator 1) Detuned Resonant Detector 2) Quadrature Detector 3) Foster -Seeley Detector 4) Ratio - Detector 5) Phase Locked Loop Detector with power supply : 230 V $\pm 10\%$, 50/60 Hz, Learning material CD (Theory, procedure, reference results, etc
4	PSTN Switch	1) Power supply requirement : 230V AC, 50 Hz. 2) Built in IC based power supply. 3) On Board Four Input signals generators. Sine wave : Frequency 500Hz, 250Hz, 1KHz and 2KHz Amplitude : 2 Vp-p 4) On Board Control Pulse signal generator. Frequency Range : 2 KHz to 128 KHz. 5) Switching Sections : Time-Space-Time Switching (T-S-T) 6) Space Switching Controls : 4 Bit addresses 7) Low Pass Filters : 3.4 KHz cutoff frequency. 8) Standard Accessories : 1. A Training Manual. 2. Connecting Patch cords.

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: _____