

INVITATION FOR QUOTATION

TEQIP-III/2018/mtj/Shopping/71

12-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	Amplitude Modulation & Demodulation training system With SSB & DSBSCFM & Phase Modulation using VCO & PLL. FM/Phase Demodulation training system	2	60 Days	Central Store MNIT Jaipur	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 **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. 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 **02:00** hours on **27-Jul-2018** .

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,

Coordinator TEQIP-III Prabha Bhawan, Malaviya National Institute of Technology, J. L. N. Marg, Jaipur 302017 (Rajasthan)

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

18. The penalty clause is as under:

(a) Should the tender fail to deliver the goods within the period specified in the tender form, the recovery of the liquidated damage, and not by way of penalty, a sum equal to the percentage of the value of stores which the tenderer has failed to supply for period of delay will be made as stated below:

I. Delay up to one month	1%
II. Delay exceeding one month up to two month	2%
III. Delay exceeding two month up to three month	5%
IV. Delay exceeding three month.	5 % for each month and there Of subject to Maximum10%

In case the supplier is unable to supply the material within the specified period due to unavoidable circumstances/ justified reasons, he should apply to the Director of the Institute well in time before expiry of the specified date for extension of the time with the request to waive the liquidated damage charges which is at the discretion of the Director, MNIT, Jaipur.

(b) In case of failure to supply the goods within the prescribed time and in accordance with the specifications given in the quotations, the Institute shall be free to cancel the order and make purchase from the next higher tenderer /from the open market as the case may be.

In that case the loss sustained by the Institute shall be recovered from the defaulting supplier. The Institute will be at liberty to recover the loss from the permanent earnest money and /or any other pending. Claims of the supplier without prejudice to its general rights to effect recovery from the supplier.

(Authorized Signatory)
Name & Designation

Annexure I

Item Name	Specifications	
Amplitude Modulation & Demodulation training system With SSB & DSBSCFM & Phase Modulation using VCO & PLL. FM/Phase Demodulation training system	Make	Should be specified by the vendor
	AM Transmitter Audio Oscillator VCO AM/DSB/SSB modulator Output Amplifier Power Supply	Freq. 100 Hz - 10KHz, Amplitude: 0-2 Vpp Audio Preamplifier with microphone input, Modulator: Balanced Modulators with band pass filters (1 MHz) 2 Nos. O/p signal : Sine wave, Freq. range : 400 KHz- 1500 KHz Modulation: AM DSB/SSB (LSB) Carrier input : 1-1000 KHz Modulating input : 0.1- 100 KHz Gain adjustable connected to cable of Antenna Gnd, + 5V, +12V, - 12V
	Amplitude demodulation Super heterodyne AM Receiver Mixer (Frequency converter) Local Oscillator IF Amplifier 1 and IF Amplifier 2 Diode envelop detector Audio o/p	Freq range: 400 KHz-1.5 MHz Intermediate Freq: 455 KHz o/p IF freq: 455 KHz (adjustable) o/p IF freq: 455 KHz (adjustable) Band pas filter: 455 KHz Center freq. Freq. : Sine, Wave 455 KHz Center freq Detection of positive and negative envelope with variable RC filter DSB Amplifier with speaker Gain 20dB
	FM Modulation Transmitter Freq generator Audio Input FM Modulator	Since, Square, Triangular Freq range : 1 Hz- 100 KHz Audio preamplifier Reactance modulator (with carrier freq adjustment) Varactor modulator (with carrier freq adjustment)

	<p>PM Modulator</p> <p>Mixer (Freq converter)</p>	<p>Operating Freq : Adustable from 400KHz- 500 KHz Input amplitude : 0.5 V PP with Integration circuit for indirect freq Modulation</p> <p>Operating Freq : Adjustable from 400KHz- 500 KHz Input amplitude : 0.5 V PP with Integration circuit for indirect freq Modulation o/p IF freq : 455 KHz Adjustable</p>
	<p>FM Demodulation Receiver FM Demodulator</p> <p>Low Pass Filter</p> <p>Audio o/p Amplitude Limiter</p>	<p>Detuned resonant detector Foster seely detector Ratio Discriminator detector PLL, Phase detector, FM quadrature detector Fourth order butterworth filter 3.4 KHz Cutoff freq Amplifier with adjustable gain</p> <p>Audio Amplitude gain 20dB Operating Freq : 455 KHz I/p Amplitude : 0.5-5 Vpp</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: _____

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

TEQIP Phase-III

Date: 12.07.2018

The bidders submitting quotations for the supply of items under TEQIP Phase-II must ensure the furnishing of following terms/conditions as specified in the bid invitation:

1. Delivery terms
2. Payment terms
3. Training (wherever specified)
4. Testing /Installation/ commissioning of equipment
5. Quantity as specified
6. Place of delivery
7. Point wise technical specification as specified in the invitation letter
8. Brochure of the quoted model
9. List of the users of the quoted model with complete contact details
10. Successful bidders kindly Provide Performance security @ 10% of the equipment cost, valid for
1Year + 2 months
11. Penalty terms

Any other important point requested in the bid invitation letter