

Under Technical Education Quality Improvement Programme
Phase-II of Government of India



Phone 9486001143
Fax 91-(0)431-2500133
Email praja@nitt.edu

NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI-620 015
INVITATION FOR QUOTATION

TEQIP-II/2016/NITT/Shopping/286

23-Dec-2016

Sub: Invitation for Quotations for supply of Modernizing - Public Address System.

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,

S. No	Brief Description	Quantity	Delivery Period (In days)	Place of Delivery	Installation Requirement (if any)
1	Audio Amplifiers	12	20	National Institute of Technology, Tiruchirappalli	100% payment after delivery and successful installation at National Institute of Technology, Tiruchirappalli - 620 015.
2	Two Way Speakers	48			
3	Wireless Microphone	24			

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 **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, installation & Satisfactory Acceptance – 100% of total cost
10. All supplied items are under warranty of **12** months from the date of successful acceptance of items.

12. Detailed specifications of the items are at Annexure I.
13. Training Clause (if any) **One day onsite training and demo**
14. Testing/Installation Clause (if any) **100% payment after delivery and successful installation to be done as per the Institute requirements.**
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 at the following address:**

Attn: Dr. P. Raja

**TEQIP Office
Administrative Block
National Institute of Technology,
Tiruchirappalli – 620 015.**

If the envelopes are delivered in hand or by courier/post, they should be handed over before 3.00 p.m. on 09.01.2017 in the Dispatch section, Main Office, Administrative Block, National Institute of Technology, Tiruchirappalli – 620015.

17. The cover should be superscripted with “Quotation for **TEQIP-II/2016/NITT/286 - Modernizing - Public Address System**”

Opening date: 09-Jan-2017

Time: 3.30 p.m.

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

Note:

Have you done earlier similar work in any institute? If yes, submit the relevant document. This minimum experience is mandatory to participate in this bid.

The cover should be duly superscripted with the following details:

- (1) Quotation Reference Number
- (2) Quotation for the supply of.....
- (3) Date of Opening



**Dr. P. Raja
Associate Dean (Academic)**

Annexure I

Sr. No	Item Name	Specifications
1	Audio Amplifiers	<ul style="list-style-type: none"> • Rated Output: 240 w • Power consumption: 238 w, 520 w (AC operation at rated output) • Frequency Response: 50-20000 HZ (± 3 dB) • Distortion: $<1\%$ @ rated output power, 1 kHz • Phantom Power: 16 V via 1.2 kΩ (mic.) • Input MIC 1: -60 dB, 600 ohms, MIC 2, 3: -60 dB, 600 ohms, balanced, phone jack AUX 1, 2: -20 dB, 10k ohms, unbalanced, RCA pin jack Mute: Contact pin 4 - 5 closure input • Output Speaker out: Balanced (floating), M3.5 screw terminal distance between barriers: 8.3 mm (0.33") High impedance: 83 ohms (100 V), 42 ohms (70 V) Low impedance: 4 ohms (22 V) Rec out: 0 dB, 600 ohms, unbalanced, RCA pin jack • S/N Ratio(flat at max volume): >75 dB • S/N Ratio (flat at min volume/muted): >80 dB • Sensitivity: 200 mV • Tone Control Bass: ± 10 dB at 100 Hz Treble: ± 10 dB at 10 kHz • Frequency Response (Line): 60 Hz to 20 kHz ($+1/-3$ dB @ -10 dB ref. rated output) • Frequency Response (Mic.): 70Hz to 20 kHz ($+1/-3$ dB @ -10 dB ref. rated output) • CMRR (mic.) >40dB (50 Hz to 20kHz)
2	Two Way Speakers	<ul style="list-style-type: none"> • Enclosure: 2-way bass reflex type • Rated Input: 30 w • Impedance: 8Ω 100V line; 330Ω (30W), 500Ω (20W), 670Ω (15W), 1kΩ (10W), 2kΩ (5W) 70V line; 170Ω (30W), 250Ω (20W), 330Ω (15W), 500Ω (10W), 1kΩ (5W) • Sensitivity: 90dB (1W/1m, in anechoic chamber) • Frequency Response : 90 – 20,000Hz • Frequency Range (-10 dB): 70 Hz – 23 kHz • Coverage Pattern2: 1100 x 850 • Speaker Components : 12 cm dynamic cone-type speaker 2.5cm balanced dome tweeter • Directivity Factor (Q): 4.9, averaged 500 Hz to 4 kHz • Directivity Index: 6.9 dB, averaged 500 Hz to 4 kHz

3	Wireless Microphone	<ul style="list-style-type: none">• Type: Pendant & Clip-On• Operating range: 45-50ft• Wireless frequency: Min 1.9GHz• Audio Frequency Response: 90 Hz ~ 10K Hz• Battery Life: Minimum of 8-hour use from a full charge• Microphone Distortion $\leq 0.7\%$• Charging type: USB• Receiver I / O: line Out & Micro USB• Mic I / O: High Sensitive Microphone & Mic input• Control Button Mic: Power / Paring/Volume UP & Down• Signal/Noise Ratio: ≥ 100 dB
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FORMAT FOR QUOTATION SUBMISSION

(In letterhead of the supplier with seal)

Date: _____

To: _____

S. 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: _____