

राष्ट्रीय मानकीकरण प्रशिक्षण संस्थान NATIONAL INSTITUTE OF TRAINING FOR STANDARDIZATION (NITS)



भारतीय मानक ब्यूरो
BUREAU OF INDIAN STANDARDS

ए 20-21, इंस्टीट्यूशनल एरिया, सेक्टर-62, नोएडा 201 301

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Our Ref: TL/G

26 Feb 2013

Subject: Procurement of Conference Systems for NITS

Dear Sir,

National Institute of Training for Standardization (NITS), located at Sector 62 in NOIDA, which is a training arm of Bureau of Indian Standards, the National Standards Body under the Department of Consumer Affairs, Ministry of Consumer Affairs, Food and Public Distribution, Govt. of India, **invites quotations in sealed envelope for supply of Conference Systems for Training rooms at NITS.** The details of the product are as under:

SL No.	Type of System	Quantity	Technical Specifications	Total Estimated Cost (in Rs.)
1	Conference Systems for U type training halls, Capacity - 25 persons - two faculties	02	Components-wise quantity per conference system and their detailed technical specifications are enclosed at Annex	8,00,000.00

Who can offer quotation: Manufacturers or their authorized distributors/dealers of following Brands/makes

Bosch, Ahuja, AKG

The quotation shall include following:

- Other technical specifications, if any, separately for each type as mentioned above
- The price/amount of the product to be quoted including delivery and installation, applicable taxes and other charges, if any
- Delivery and Installation period, which should not be more than thirty days from the date of PO
- Warranty period
- Certified copies of atleast three work orders and their supplies in a financial year to Govt. PSI of the value not less than the total estimated value of this tender
- Certificate of the annual turnover of past two financial years, which should not be less than 1.5 crores
- Any other relevant information, to be included in the tender

The quotations in **sealed envelope**, super scribing clearly on the envelope "**Quotations for Conference Systems**", should reach to Scientist F & Head, NITS upto 1400 hrs on or before 12 Mar 2013.

Thanking you,

Yours sincerely,

(V. K. Thapar)
Section Officer (Admin)

Technical Specification- Conference System

S. No.	Item with specification	Quantity <i>per conference system</i>
1.	Conference system General Features: Make: Bosch / Ahuja / AKG / - The system should have facilities to play background music with separate volume control. - A Lavalier (necktie) microphone or a wireless microphone can be plugged into the system for permitting a delegate to give presentation. - All the units/components/accessories described below are meant for the conference system.	
2.	Chairmen Unit : Power supply voltage +24V DC, Current consumption with rated power: <65Ma , Quiescent:<25Ma,sensitivity of microphone at 1khz: -65db(+4db) (0db=1v/bar),Hum and noise: < -50db, Frequency response: 200Hz to 12.5khz , Rated power output at 1khz:300mW ,THD for rated output at 1khz:1%.	01
3.	Delegate unit : Power supply voltage +24V DC, Current consumption with rated power: <65Ma , Quiescent:<25Ma,sensitivity of microphone at 1khz: -65db(+4db) (0db=1v/bar),Hum and noise: < -50db, Frequency response: 200Hz to 12.5khz , Rated power output at 1khz:300mW ,THD for rated output at 1khz:1%.	25
4.	Conference controller: Main input voltage: 240V (50-80Hz) , D.C.output voltage : 24V DC (+_0.5V), MIC1/MIC2 Sensitivity : 1Mv(+1/3-db) , AUX.input Sensitivity: 100Mv(+1/3-db), Frequency response : 200Hz to 12.5 kHz(+_3db), Hum and noise : <-50db, B-band equalizer centre:250Hz,500Hz,1khz, BOOST/Cut at centre :+6db to 0db(typical).	1
5.	Amplifier: Frequency response: 50 Hz-20kHz (+1/-3db, @-10db ref. rated output. Distortion 1%@rated output power, 1 kHz, Bass control -8/+8db@100 Hz, Treble control -8/+8 db @10 kHz. Inputs: INPUT 1(5-PIN din,balanced with phantom power,6.3 mm phone jack) ,Input 2 (3-pin XLR, balanced with phantom power,6.3mm phone jack) , Sensitivity 1mV , Impedance 1 kOhm , S/N (flat at max volume) 63db ,S/N (flat at min volume/muted) >75 db. Speech filter -3db @315 Hz, high-pass, 6db/oct. OUTPUTS: Master output (3-pin XLR, balanced), Nominal level 1v, impedance <100 Ohm, Max output power 120w.	1
6.	CEILING MOUNT SPEAKER: power handling capacity 6 watt(6-3-1.5) sound pressure level max 98db Frequency range 80-16000hz	06
7.	Hand Held Cordless microphone (system compatible) Receiver: Frequency range: vhf 162-250 MHz, Receiving mode: Non-Diversity, Max.deviation range: +_22KHz, squelch control: noise lock, Output level: +10dbv/0dbv/ -6dbv. Transmitter: Frequency range: Vhf 162-250 MHz, spurious Emission :<-45dbc, Max.Deviation :+_22KHz ,	02
8.	Cordless-Collar microphone (system compatible) Receiver: Frequency range: vhf 162-250 MHz, Receiving mode: Non-Diversity, Max.deviation range: +_22KHz, squelch control: noise lock, Output level: +10dbv/0dbv/ -6dbv. Transmitter:	02

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	Frequency range: Vhf 162-250 MHz, spurious Emission :<-45dbc, Max.Deviation :+ 22KHz ,	
9.	Mike socket box as per system required	
10.	Equipment Rack For Mention Equipment	
11.	Installation: Inclusive of the entire technical, civil, electrical, wooden etc. work on the site.	
12.	Warranty: One year onsite comprehensive	

Total Amount- (in Rs.) for both the
Conference system inclusive of all
taxes

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Rs. 10,000/-