

সুডা**রাজ্য নগর উন্নয়ন সংস্থা****SUDA****STATE URBAN DEVELOPMENT AGENCY****"ইলগাস ভবন", এইচ-সি ব্লক, সেক্টর-৩, বিধাননগর, কলকাতা ৭০০ ১০৬, পশ্চিমবঙ্গ।****"ILGUS BHAVAN", H-C Block, Sector-III, Bidhannagar, Kolkata 700 106, West Bengal.****Tel : (033) 2358-5767/6403 Fax : (033)- 2358-5800****SUDA-214/2010/2193****7.12.2010****SHORT NOTICE INVITING QUOTATION**

Sealed quotations in printed letter head are hereby invited by the Director (SUDA), ILGUS BHAVAN, H-C Block, Sector-III, Salt Lake City, Kolkata-700 106 from the reputed and reliable agencies and renowned manufacturers for supply ,installation of **Digital Acoustic System/ P.A. System** in the Conference Hall at 2nd. Floor of SUDA Building as per schedule and specifications enclosed herewith.

The sealed Quotations should reach this Office within **3.00 p.m. on 21.12.2010** and will be opened on the same date at **4.00 p.m.** in presence of the intending quotationers.

The quotationer should clearly indicate the warranty period of each component of supply along with the names and addresses of the authorised service centers for post warranty maintenance works.

Rate should be quoted both in figure and words and should be inclusive of all taxes, duties, Vat, Service and Installation charges. The Warranty Period with other terms and conditions, if any, should be specifically mentioned along with the quotation.

The supply and installation should be complete in all respects as per direction and full satisfaction of the Authority within 30 (thirty) days from the date of issuance of the work order without any fail.

Payment will be released only after satisfactory commissioning and trial run of the system for a period of one month, keeping aside a security deposit of 10% of the value of works, for a period of six months from the date of completion. No advance or interim payment will be admissible under any circumstances

The undersigned reserves the right to accept or reject any or all quotations and also to revise the quantum of specified works without assigning any reason thereof.

Sd/-
Director

SUDA-214/2010/2193/1(8)**Date: 7.12.2010**

Copy forwarded for information and wide circulation to :

- 1) Project Director, CMU
- 2) C.E. MED
- 3) D.S (CSC) Prasashan Bhavan, KMDA.
- 4) Joint Director, ILGUS
- 5) Member-Secretary, West Bengal Valuation Board
- 6) Director of Local Bodies
- 7) Financial Adviser, SUDA
- 8) Notice Board

Sd/-
Director

**Supply, Installation, Testing & Commissioning of Digital Acoustic System/ PA System
for SUDA Conference Room**

Brand: (Please Specify)

Specification:

Quantity

**Compliance
(Y/N)**

Control Unit

1

Attractive and modern design

Possible To Speak indication

High speech intelligibility

Built-in MP3 recorder

Digital acoustic feedback suppression

Controls up to 150 contribution devices

Typical frequency response: 125 Hz to 12.5 kHz tolerances according to IEC

60268-4, 5 standard

THD: at nominal input level (85 dB SPL) < 0.5 %

At maximum input level (110 dB SPL) < 1 %

Auto microphone switch-off function

Delegate Unit

21

• Microphone on/off button

• Rotary volume control for adjusting headphone volume

• Loudspeaker, automatically muted when microphone is on and/or headphones are connected

• Possible To Speak indicator

• Microphone have 'on' indicator

• should have Light ring indicator on microphone stem, when microphone is on

Chairman Unit

1

• Should have Microphone on/off button

• Should have Chairman priority button

• Should have Rotary volume control for adjusting headphone volume

• Loudspeaker should automatically muted when microphone is

on and/or headphones are connected

• Should have Internal switch for selection of chairman announcement chime tone

• Should have Internal switch for temporary or permanent muting of delegate microphones when chairman priority button is pressed

• Microphone have 'on' indicator

• should have Light ring indicator on microphone stem, when microphone is on

Extension Cable

set

Length: 10 m (32.8 ft)

Diameter 5.9 ± 0.3 mm (0.23 ± 0.01 in)

Material: PVC

Connector material: I molded plastic

Interconnections		
• 1 x 7-pole male DIN connector		
• 1 x 7-pole female DIN connector		
Mixer Amplifier	1	
1.THE 240 WATTS MIXING AMP SHALL HAVE BASS,TREBLE, MIC VOLUME		
CONTROL,LINE VOLUME CONTROL AND MASTER VOLUME CONTROL KNOBS ON THE		
FRONT PANEL.		
2. PROVISION TO SELECT THE INPUT SUCH AS FROM TAPE,CD PLAYER AND AUX SHALL BE		
AVAILABLE		
3 .THE AMP SHALL HAVE FOUR (4) MIC INPUTS OUT OF WHICH 2 SHALL HAVE PROVISION		
TO SELECT EITHER MIC OR LINE BY A SWITCH		
4. MIC INPUT 1 OF THE AMP SHALL HAVE THE 5 PIN DIN CONNECTION TO HAVE PRIORITY		
INPUT WITH CHIME.		
5.THE AMP SHALL HAVE EMERGENCY/TELEPHONE INPUT PROVISION.		
6.THE AMP SHALL HAVE THE FOLLOWING SPEAKER OUT: 8 ohm OUT PUT ,70V,100V		
SPEAKER LINE OUTPUT PROVISION.		
7.THE AMP SHALL WORK WITH 230V AC AND 24V DC OPERATION WITH LED INDICATIONS		
TO SHOW THE POWER ON AND DB LEVEL.		
8.THE MIXING AMP SHALL BE RATED FOR 240 WATTS RMS		
Speaker	6	
Maximum power 45 W		
Rated power 30 / 15 / 7.5 W		
Sound pressure level at 30 W / 1 W (1 kHz, 1 m) 106 / 91 dB (SPL)		
Sound pressure level at 30 W / 1 W (2 kHz, 1 m) 108 / 93 dB (SPL)		
Effective frequency range (-10dB) 190 Hz to 18 kHz		
Opening angle 1 kHz / 4 kHz (-6 dB)		
horizontal 220° / 130°		
vertical 70° / 18°		
Rated input voltage 100 V		
Rated impedance 333 ohm		
Connector Screw terminal block		
Uniform distribution of natural sound throughout theroom		
Excellent directivity for use in acoustically difficult,reverberant applications		
Extremely slim		
Prefered make: Philips/Bosch/JBL/BOSE		
Wireless HandHeld Mic	2	
Reciever		
Main Frame Size:EIA standard 1/2-rack unit		
Oscillation Mode:Phased-lock Loop (PLL) technology		
Stability:±0.005% (-10~50°C)		
Carrier Frequency Range:UHF 780~930MHz		

Receiving Mode:True-Diversity		
Sensitivity:S/N>70dB@10dBμV input		
Max. Deviation Range:±68KHz		
S/N Ratio:>105dB(A)		
T.H.D.:<0.5% @ 1KHz		
Frequency Response:60Hz~18KHz, equipped high-pass filter circuitry		
Maximum Output Level: Mic-level: -14dBV/47Ω, Line-level: -4dBV/5KΩ		
Squelch:"NoiseLock" squelch circuit		
Power Supply:External AC Power Supply, 0.5A, 12~15V DC		
Transmitter		
Oscillation Mode:PLL Synthesized (Fixed)		
Carrier Frequency Range:UHF 630~934MHz		
RF Output Power:10mW (country dependant)		
Spurious Emissions<-55dBc		
Max. Deviation Range:±68KHz		
Maximum Input Level:140dB SPL		
Prefered make: Philips/Bosch/AKG/Shure		
Wireless Lapel Mic	1	
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Spurious Emissions:<-55dBc		
Max. Deviation Range:±68KHz		
Maximum Input Level:0dBV		
Equipment Rack		
12U Equipment rack		

Brief Description of the work:

The work includes,

- 1) Discussion system for holding meeting
- 2) Public address system within the conference room

The above mentioned system must be synchronised with each other as per requirement.

All accessories related to installation & commissioning of the system is within the scope of the work for which rates are to be included with the offer, as the specification gives, may not be exhaustive.

Director