

Ref: ICWA/ 881/1/2007

Indian Council of World Affairs,
Sapru House, Barakhamba Road,
New Delhi.

Tender Notice (11.11.2014)

The Indian Council of World Affairs invites tenders/sealed bids for acquisition and installation of Audio-system in ICWA. The scope of work and terms and condition are as under:

Bill of Quantities

Sr. No.	Description	Qty.	Unit		
1	Digital Chairman Unit - black anodized aluminium flush mounted front plate with lockable XLR socket, 50cm gooseneck microphone, ON/OFF "Speak" push button to activate / deactivate the microphone, "Speak LED indicator with priority "Delegate Off" push button, Dimension 90H X 90W mm with HD15 connector, Microphone should have the following specifications and features -Superior Sound Quality - Excellent Frequency Range - RF Resistant - XLR Connector Mic. Type: Electret Cardoid Freq. Response: 50Hz - 20 kHz Sensitivity: -52 +/- 3dB (0dB=1V/1Pa, 1kHz) Max. SPL: 110 dB SPL (3% THD) Impedance: 2.2 kohm +/-30% at 1 kHz Signal to Noise Ratio: >60 dBA Front/Back Ratio: >25 dB (1 kHz) Electronic Conference interface - Digital audio and control transmission on STP/FTP Cat 5 cable for unique performance and high reliability. Connections: I/O for daisy chain	01	No.		

	<p>connection with digital STP/FTP Cat5 screened</p> <p>Connector type: RJ-45, screened with auto-termination</p> <p>Audio section: Freq. Response (mic. in to line out):100 Hz-15kHz THD: < 0,1% S/N: > 90 dBA Make: DIS or equal</p>				
2	<p>Digital Delegate Unit- black anodized aluminium flush mounted front plate with lockable XLR Socket, 50cm gooseneck microphone, ON/OFF "Speak" push button to activate / deactivate the microphone, "Speak LED indicator , Dimension 90H X 90W mm with HD15 connector, Microphone should have the following specifications and features</p> <ul style="list-style-type: none"> - Superior Sound Quality - Excellent Frequency Range - RF Resistant - XLR Connector <p>Mic. Type: Electret Cardoid Freq. Response: 50Hz - 20 kHz Sensitivity: -52 +/- 3dB (0dB=1V/1Pa, 1kHz) Max. SPL: 110 dB SPL (3% THD) Impedance: 2.2 kohm +/-30% at 1 kHz Signal to Noise Ratio: >60 dBA Front/Back Ratio: >25 dB (1 kHz)</p> <p>Electronic Conference interface</p> <ul style="list-style-type: none"> - Digital audio and control transmission on STP/FTP Cat 5 cable for unique performance and high reliability. <p>Connections: I/O for daisy chain connection with digital STP/FTP Cat5 screened</p> <p>Connector type: RJ-45, screened with auto-termination</p> <p>Audio section: Freq. Response (mic. in to line out):100 Hz-15kHz THD: < 0,1% S/N: > 90 dBA</p>	07	N.os		

	Make: DIS or equal				
3	<p>Digital Central Control Unit for control of (control suitable for minimum 300 units) delegates / chairman unit, automatic, open override, control of microphone operation, number of open microphone selection, interface for external sound reinforcement equipment, suitable power supply unit for the system having following features and specifications</p> <p>Operation modes : Automatic, FIFO and Manual</p> <p>3 microphone interrupt ability modes</p> <p>Up to 8 microphone open at one time</p> <p>2 XLR analoge input and 4 XLR analoge audio output</p> <p>2/4 power redundant supplies output on CAT 5 connectors</p> <p>TCP/IP Ethernet connection for PC control,</p> <p>Auto Off of Conference Units</p> <p>Supports up to 12 (min) interpreter channels</p> <p>Power up to 60 conference units</p> <p>Scrambled audio to avoid eavesdropping</p> <p>Front panel with Menu guided alphanumeric backlit LCD display and buttons for control & system settings etc. Fully digital audio transmission of floor plus interpretation channels and 8 conference microphone audio channels in a single digital bus cable</p> <p>24 bit audio @ 32 kHz sampling frequency</p> <p>Signal to noise ratio: > 85 dBA</p> <p>Total harmonic distortion: < 0.1%</p> <p>Make: DIS or equal</p>	01	No.		
4	Shock mount for Shure MX Gooseneck microphone Make Shure A400SM	02	Nos.		
5	Installation, Testing and commissioning including cable and connectors as required at site.	01	Job		

Terms & Conditions:

1	Payment will be made after satisfactory completion of the work
2	No advance/running payment will be made
3	Material to be used should be branded, brand name should be indicated in the quotation
4	sealed bids should be sent along with copy of PAN Number on company's letter-head
5	Last date for submitting the tender is <u>1-12-2014</u>
6	Total cost should include equipments, wiring and labour.
7	Copy of the similar work order carried out by the firm
8	The department reserves the right to reject or accept any application without assigning any reason.
9	Information about approval of the sealed bids / tender as per the requirement of ICWA will be conveyed to the approved one.
10	Time frame within which the work shall be completed may be mentioned.
11	Sealed bids should be addressed to: Deputy Secretary, Indian Council of World Affairs, Sapru House, Barakhamba Road, New Delhi.