



## INDIAN AUDIT & ACCOUNTS DEPARTMENT

Office of The Director General of Audit (Central),  
Kolkata



**8, Kiran Shankar Roy Road, Kolkata-700 001**

### PREVIEW OF TENDER

**TENDER REFERENCE NO:**Record-I/C/Purchase/PA(Music) System/2020-21 dated **28.12.2020**

**DATE OF ISSUE OF TENDER DOCUMENT:** **28.12.2020**

**LAST DATE FOR RECEIPT OF TENDER DOCUMENT:** **04.01.2021** at 1.00 pm

**TIME AND DATE OF OPENING OF THE TENDERS:** **04.01.2021** at 2:00 pm

**PLACE OF OPENING OF THE TENDERS:**O/o the D.G.A(C),Kolkata,8,Kiran Sankar Roy Road,  
G.I.Press Bldg. (East wing),Kolkata:700-001

### NOTICE INVITING TENDER

Office of the Director General of Audit (Central), Kolkata invites sealed quotations for supply/installation of following items as per the specification given below:-

SL No.	Item	Quantity	Make	Specification
1	Wall Mount Speakers- 6 Watt invisible Type	153	Any reputed company	Annexure-II
2	Supply & Laying of 36/40 Armoured Speaker cable with stainless sheathings	5000 meters (approx)		Annexure-II
3	350 Watt Tube Amplifier	01		Annexure-II
4	500 Watt Tube Amplifier	02		Annexure-II
5	Integrated Moduler ON/Off Switches with volume control with remote Control	10		Annexure-II
6	Auxiliary cable for Computer or mobile Connectivity, Max Length 2 Meter, having connectivity with all Phones	01		Compatible with the system
7	Merging Cable for both Amplifier with seamless connectivity to quoted Amplifier	01		Compatible with the system
8	15 Zone Paging microphone MIC: 600, 10mV, balanced Line: 10K, 1000mV, MIC: 100Hz~15KHz, Line: 30Hz~18KHz	01		Annexure-II
9	Joint box for cable joints with lock & Keys	12		Compatible with the system

The aforesaid items will have to be supplied/installed in the premises of Office of the Director General of Audit, Central, Govt. Of India Press Building, 8, Kiran Shankar Ray Road, Kolkata-700001 as per detailed terms and conditions(**Annexure-I**) and specifications in **Annexure-II**.

Bidders should furnish the duly filled tender certificate (**Annexure-III**), failing which tender will be cancelled.

Sealed quotations, super scribed as "**QUOTATIONS FOR SUPPLY OF MISCELLANEOUS ITEMS WITH INSTALLATION ETC. ON PUBLIC ADDRESS (MUSIC) SYSTEM**", are invited and addressed to the **Dy. Director (Administration), Office of the Director General of Audit(Central), Kolkata-700001, which** must reach latest by **1.00 pm on 04.01.2021 by hand/by post in the tender box located on 1<sup>st</sup> floor to this office.** The Bids shall be opened by the purchase committee in chamber of **Dy. Director (Administration), O/o the Director General of Audit, Central, Govt. Of India Press Building, 8, Kiran Shankar Ray Road, Kolkata-700001 on 04.01.2021 at 2:00 pm** and in the presence of such bidders who may wish to be present, maintaining the protocol of COVID 19. The Competent Authority reserves the rights to reject any or all the quotations without assigning any reason.



Senior Audit Officer/Record

## ANNEXURE-I

### TERMS & CONDITIONS:-

1. The Bidder should be registered with the Income Tax, Goods & Service Tax Department. Supporting documents viz. Copies of Income tax Registration (PAN) and Goods & Service Tax registration shall be required to be submitted with the bid.
2. Bidders should be Authorized Dealer/Distributor of a reputed brand, who may fulfill other terms & conditions mentioned below and conforming to the specifications as stated in the Annexure-II.
3. Tenderer should quote rate on **09** items separately in the same quotation. Bid price should be **inclusive of all taxes, levies, delivery charges etc.** No subsequent upward revision in rate(s) shall be accepted by this office. The bid price of each item should be commensurate with the prevailing market rate for such items. Bidders are requested to visit the office to see the installation places on ground floor, 1<sup>st</sup> floor and 2<sup>nd</sup> floor of this office and quote the rate required for the items stated in Annexure-II.
4. Brochure of all the products quoted with technical specifications is mandatory.
5. Bidder/OEM (Original Equipment Manufacturer) should submit technical specification of their own products.
6. Bidders are requested to provide valid email IDs, contact numbers and other information. The same should be clearly written/ typed without any error. Failure of any communication due to invalid email ID/ phone will not be the responsibility of this office.
7. Each paper of bidding document should be signed and stamped by the bidder or by his/her authorised signatory. The envelope containing the tenders (quotations) should be sealed and super scribed as **"QUOTATIONS FOR SUPPLY OF MISCELLANEOUS ITEMS WITH INSTALLATION ETC. ON PUBLIC ADDRESS (MUSIC) SYSTEM"**.
8. Bidders shall not be permitted to withdraw their offer or modify the terms & conditions after submission of bidding document.
9. L1 bidder must show the sample item/machine conforming the specification specified in **Annexure-II** as and when it will be declared by the office.
10. The period of validity of the quoted rate should be for a minimum period of **60 days** from the date of closing of quotation.
11. The competent authority of O/o the Director General of Audit, Central, Kolkata reserve all rights to reject any bids including of those bidders who fail to comply with instruction without assigning any reason whatsoever and does not bind itself to accept the LOWEST or any specific bids.
12. **Location of Supply:** All the items will have to be supplied/installed in the ground floor, 1<sup>st</sup> floor, 2<sup>nd</sup> floor in the premises of the Office of the Director General of Audit, Central, Kolkata, Govt. of India Press Building, 8, Kiran Shankar Ray Road, Kolkata-700001 as per the terms and conditions given herein.
- 13 **Terms of Payment:** 100% after delivery and verification of items at specified location thereon. In this regard an E-payment mandate form will be issued by this office. All disputes and differences arising out or in connection with this tender/contract shall be subject to the exclusive jurisdiction of courts at Kolkata. TDS may be deducted as per extant rules/act.

  
Senior Audit Officer/Record



## Annexure-II

### A. Wall mount speakers:

- (i) Each speaker should have one 18 cm woofer and two strategically positioned 2.54 cm tweeters
- (ii) High-quality, full-range performance.
- (iii) Exclusive stereo performances covers the room with balanced stereo sound and no drop-offs.
- (iv) A near-bezel-less construction blends elegantly into the room's design.

### B. Armoured Speaker cable with stainless sheathings:

Outer Jacket Ripcord	Yes
<b>OVERALL NOMINAL DIAMETER:</b>	
Overall Nominal Diameter	6.1mm
<b>MECHANICAL CHARACTERISTICS:</b>	
Operating Temperature Range	-20 <sup>o</sup> To + 75 <sup>o</sup>
Bulk Cable Weight	65kg/km
Max. Recommended Pulling Tension	180 N
Min. Bend Radius (Install)	13.0mm
<b>APPLICABLE SPECIFICATION AGENCY COMPLIANCE:</b>	
<b>APPLICABLE STANDARDS:</b>	
NEC/(UL) Specification	CM
NEC Articles	800
CEC/C(UL) Specification	CM
IEC Specification	11801 Category 6
EU RoHS Compliant (Y/N)	Y
TIASpecification	568-C.2 Category 6
Other Specification	NEMA WC-63.1 Category 6, UL verified to Category 6
<b>FLAME TEST:</b>	
UL FlameTest	UL1685 UL Loading
<b>SUITABILITY:</b>	
Suitability –Indoor (Y/N)	Y
<b>ELECTRICAL CHARACTERISTICS:</b>	
Nom. Mutual Capacitance @ 1 KHz	5.6 nF/100m
MaximumCapacitance Unbalance	330 pF/100m
Nominal Velocity of Propagation	70 %
Maximum Delay @ 100 MHz	538 ns/100m
Maximum Delay Skew	45 ns/100m
Maximum Conductor DC Resistance @ 20 Deg.C	9.38 Ohms/100m
NominalConductor DC Resistance @ 20 Deg.C	6.9Ohms/100m
Maximum DCR Unbalance @ 20 Deg.C	5 %
Characteristic Impedance	100 ± 15 Ohms
Maximum Intended Operating Voltage	80 V RMS

**C. Tube Amplifiers (350 watt & 500 watt):**

Tube amplifiers tend to be lower in power, and higher in distortion, and they typically have trouble dealing with low impedance loads compared to their solid state brethren. Fortunately, the quad-differential McIntosh MC2301 isn't like most tube amps.

Rated to deliver 300W of output into 8, 4 or 2 ohms, the MC2301 can effortlessly drive practically any loudspeaker you're likely to pair it with. But let's face reality here; that's not why you'd buy the MC2301. The *raison d'être* of the MC2301 lays in the aesthetic appeal of its warm glowing tubes and McIntosh's iconic blue VU meter.

**D. Integrated Moduler ON/Off Switches with volume control with remote Control:**

- (i) Debounced Pushbutton Interface
- (ii) SmartWiper Control Advances Wiper Rate
- (iii) Low-Power Wiper Buffers Provide 0.003% THD+N
- (iv) Bias Generator Eliminates External Op Amps
- (v) Five-Segment LED Volume/Balance Indicator
- (vi) Clickless Switching
- (vii) Logarithmic Taper Volume Control with (31) 2dB Steps
- (viii) Single +2.7V to +5.5V or Dual  $\pm 2.7V$  Supply Voltage Operation
- (ix) Power-On Reset to -12dBFS Wiper Position
- (x) MUTE Function Toggles to 90dB (typ)
- (xi) Low 1 $\mu$ A Shutdown Supply Current
- (xii) 40k $\Omega$  End-to-End Fixed Resistance Value
- (xiii) Small, 24-Pin TSSOP Package

**E. 15 Zone Paging microphone :**

- (i) Input: MIC: 600, 10mV, unbalanced Line: 10K, 1000mV, unbalanced
- (ii) Output: Balanced
- (iii) Frequency Response: 100Hz~15KHz, Line: 30Hz~18KHz
- (iv) Communication Port: MIC: Rs422
- (v) Controls: Chime MIC VOL controls, 160 channel selectors, chime button, power switch
- (vi) Indicators: Power LED, 10 paging channel LEDs
- (vii) Power Supply: ~110V-230V 50/60Hz
- (viii) Power Consumption: 10W
- (ix) Weight: 1.5 kg (approx)
- (x) Dimensions (WxDxH): 216x145.7x51.5mm (approx)
- (xi) Finish: Panel: steel plate, Black Case : steel plate, Black

**F. Others:**

- (i) Set up of wired and wireless network: All sorts of wired and wireless network in respect installation/commissioning of items/goods (stated sl. no. A-J above) must be provided to this office.
- (ii) Cabling for speakers & networking: An organized cabling with conduit facility to be provided for the speakers/ sound system (including podium microphone) as desired by this office.
- (iii) Onsite warranty of all the items minimum one year should be provided.



**Senior Audit Officer/Record**

**Annexure-III**  
**Tender Certificate**

To  
The Dy. Director (Admn.)  
O/o the D.G.A (C), Kolkata  
Govt. Of India Press Building (East Wing),  
8, Kiran Sankar Roy Road  
Kolkata-700001

Madam,

With reference to your tender Notice No. \_\_\_\_\_ dated \_\_\_\_\_ I am to submit my tender for supply/installation of 09 items as specified in the Notice Inviting Tender.

I further affirm that I have read and fully understood the tender notice and agree to abide by all the terms and conditions and laid therein, which are being signed in token of my acceptance. In case, I fail to abide by the terms and conditions (Annexure-I) or failed to fulfill any technical specifications (Annexure-II ) to carry on the contract satisfactorily, I will be liable to be terminated from contract/supply

Enclosure:

1. Statement of quoted value of contract.
2. Terms and conditions duly signed.
3. Copy of Trade License.
4. Copy of PAN Card
5. Copy of GST Registration certificate.

Dated:

Signature \_\_\_\_\_

Name of Tenderer \_\_\_\_\_

M/s \_\_\_\_\_