

WEST BENGAL MEDICAL SERVICES CORPORATION LTD.

(Wholly Owned by the Government of West Bengal)

Regd. Off. : Swasthya Sathi, GN-29, Sector-V, Salt Lake, Kolkata- 700 091

www.wbmsc.gov.in; Ph: 033-4034-0300

Memo No: WBMSCL/NIT-11/2016

Date: 01/03/2016

NOTICE INVITING TENDER

Sealed Tenders are invited from the Authorized Dealers/ Authorized Distributors/Authorized Business Partners of Professional Audio Systems Manufacturers for supplying Professional Audio Systems, for WBMSCL. Tenders from firms having credentials of same nature of work would only be accepted.

Brief description of work	Earnest Money Deposit (EMD) (Rs) [Refundable]	Last date and time of Tender submission	Date & Time of Opening Of Tender (Qualifying & Financial)
SUPPLY and Installation Of PA Systems for WBMSCL, Swasthya Sathi, GN – 29, SECTOR – V Salt Lake, Kolkata - 700091	Rs. 8000.00 (In the form of DD from a scheduled bank drawn in favour of “ West Bengal Medical Services Corporation Ltd”)	11/03/2016; 2.00 pm	11/03/2016; 2.30 pm
BID Opening Venue	West Bengal Medical Services Corporation Ltd, Swasthya Sathi, GN -29 , Sector – V, Salt Lake, Kolkata – 700091.		

Prospective bidders are requested to submit the bid in a sealed cover addressed to the Managing Director, West Bengal Medical Services Corporation Ltd, Swasthya Sathi, GN -29 , Sector – V, Salt Lake, Kolkata – 700091 within the stipulated date & time for the following product.

Bidders are instructed to submit their bid consisting of two sealed envelope called “Qualifying Bid” & “Financial Bid”.

Scope of work:

1	Supply and Installation of PA Systems for WBMSCL	
2	Time allowed for completion of work	30 days
3	Eligibility of Participating vendor: Bonafide, reliable and resourceful vendors having credentials of same nature of work would only be accepted.	
4	Validity of Tender	60 days from the date of submission of tender.
5	Release of Earnest Money	One months from the date of completion of work(i.e. issuing of work completion certificate)

6	Issuance of Materials	All materials related to the completion of work will have to be supplied by the vendor at his own risk and cost including, cost of transportation , labour charges etc.
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BOQ & TECHNICAL SPECIFICATIONS

All parameters mentioned in the technical specifications are **Essential**. Bidder has to comply with all Essential parameters of the technical specifications except deviation(s) which will be considered minor and acceptable by the team of experts to be engaged by WBMSCL.

BILL OF QUANTITY

SL No	Item	Quantity
1	Loudspeaker	4(Four)
2	Digital mixer/amplifier with four mic/line inputs	1(One)
3	Speaker line Volume Controller	2(Two)
4	Handheld cordless Microphone	2(Two)
5	1KVA Offline UPS	1(One)
6	Male-Female XLR	As per project requirements
7	Male-Female RCA	As per project requirements
8	Speaker connectors	As per project requirements
9	23/0.2 mm Microphone Cable	R.Mt
10	80/0.2 mm speaker Cable	R.Mt
11	9U Rack with FAN-2Nos, Tray-1No, Hardware Set-2Nos, Powermanager-1No	1(One)
12	PVC conduit	R.Mt
13	Installation, Configuration, Testing & Commissioning	

ESSENTIAL TECHNICAL SPECIFICATIONS

Specification for PA Systems		
SL No	PARTICULARS	MINIMUM REQUIREMENT
1	Loudspeaker	Frequency Response (+/-3 dB) - 80 Hz - 17 kHz Frequency Range (-10 dB) - 70 Hz - 19 kHz Nominal Dispersion - 125° H x 125° V Long-Term Power Handling - 40 W (160 W peak) Sensitivity (SPL / 1 W @ 1 m) - 87 dB SPL Maximum SPL @ 1 m - 103 dB SPL (109 dB SPL peak) Nominal Impedance - 8 Ω (transformer bypassed) Driver Compliment - 4.5" (114 mm) full-range driver Enclosure -PC/ABS, textured Grille - Powder-coated steel grille Standard warranty - 1 year repair or replace
2	Digital mixer/amplifier	Digital mixer/amplifier with four mic/line inputs with choice of balanced Euroblock or unbalanced RCA connectors, one page input and one direct input Two powered outputs that can operate at high or low impedance: 2 x 120 W at 4 ohms , 2 x 65 W at 8 ohms, or 2 x 100 W at 70 / 100V Three operating modes for greater flexibility in installed music or speech applications: Mixer Mode, Dual Mono Select Mode, and Stereo Select Mode Easy setup and control via onboard controls – no computer needed DSP includes loudspeaker EQs and dynamic EQ functions A/D and D/A Converters - 24-bit

		<p>Sample Rate - 44.1 kHz Frequency Response -40 Hz - 16 kHz (+0/-3 dB) Signal-to-Noise Ratio -75 dB (below rated power, A-weighted) THD- ≤0.5 % (at full rated power) Channel Separation (Crosstalk) - ≤-60 dBV (below rated power, 1 kHz) Dynamic Range- 80 dB 24-volt DC backup power connection for added reliability and integration onto fire and evacuation systems. Standard warranty - 1 year repair or replace</p>
3	Speaker line Volume Controller	Suitable Speaker line Volume Controller
4	Handheld cordless Microphone	<p>Transmitter: RF output power-10 mw AF frequency response- 80 – 16,000 Hz Power supply-2 AA size batteries, 1.5 V Operating time- approx. 10 hrs Microphone type-dynamic Input sensitivity-1.5 mV/Pa Pick-up pattern-cardioid Max. SPL- 149 dB SPL Receiver: Receiver principle - true diversity Sensitivity (at peak deviation)- < 3 μV at 52 dBarms S/N Adjacent channel rejection- ≥ 60 dB Intermodulation attenuation- ≥ 50 dB Blocking- ≥ 65 dB AF frequency response- 50 – 16,000 Hz Pilot tone- 32.768 kHz Antenna input- 2 BNC sockets, 50 Ω AF output voltage (at peak dev., 1 kHz AF)- ¼" (6.3 mm) jack socket (unbalanced): +8 dBu XLR socket (balanced): +14 dBu Power supply 12 VDC nom. / 300 mA Standard warranty - 1 year repair or replace</p>
5	UPS	<p>1KVA Offline UPS Output power capacity - 600 Watts / 1.0 kVA Nominal Output Voltage - 230V Efficiency at Full Load -84.0 % Output Connections - (4) India 3-pin 6A (Battery Backup) (2) India 3-pin 6A (selector surgetitle) Nominal Input Voltage - 230V Input Connections - India 3-pin 6A Input voltage range for main operations -150 - 280 V Battery type - Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof Battery Volt-Amp-Hour Capacity -216 Interface Port(s) - USB Control panel - Multi-function LCD status and control console Audible Alarm - Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm Surge energy rating - 680 Joules Standard warranty - 2 years repair or replace</p>
6	Male-Female XLR	As per project requirements
7	Male-Female RCA	As per project requirements
8	Speaker connectors	As per project requirements
9	Microphone Cable	23/0.2 mm Copper
10	speaker Cable	80/0.2 mm Copper

11	Audio Rack	9U Rack with FAN-2Nos, Tray-1No, Hardware Set-2Nos, Powermanager-1No
12	PVC conduit casing	ISI mark

Documents comprising the bid: (Bidders are instructed to submit their bid consisting of two sealed envelope called Qualifying Bid & Financial Bid.)

The Qualifying Bid shall comprise the following: -

- PAN NO.
- VAT NO.
- Credential in similar nature of works.
- Bank Draft of Rs.8000.00 only in favour of "West Bengal Medical Services Corporation Ltd" towards the Bid Security.
- COMPLIANCE SHEET.
- OEM Authorization for Bidder.
- Technical Brochures of item quoted, printed and published Brochure and / or Web site reference is essential (customized statement on OEM letterhead or likes is not acceptable).
- Tender document must be submitted along with all the relevant documents. This is required to show that the bidder had accepted all the terms and conditions mentioned in this tender document.

The Financial Bid shall comprise the following:

Applicable Price Schedules as per printed format on the letter head of the intending bidder. (Rate must be given in the format provided below, on the letter head of the intending bidder. Rate per unit as mentioned in column no 3 of the format must be inclusive all taxes, charges and Installation. Any taxes, charges etc shown separately will not be considered. Price in any other format will be treated as cancelled).

Sl No	Item Name with Make & Model No	Rate / Unit or Rate/Mtr (Inclusive of all taxes and charges).
1	Loudspeaker	
2	Digital mixer/amplifier with four mic/line inputs	
3	Speaker line Volume Controller	
4	Handheld cordless Microphone	
5	1KVA Offline UPS	
6	Male-Female XLR	
7	Male-Female RCA	
8	Speaker connectors	
9	23/0.2 mm Microphone Cable(Rate/Mtr)	
10	80/0.2 mm speaker Cable(Rate/Mtr)	
11	9U Rack with FAN-2Nos, Tray-1No, Hardware Set-2Nos, Powermanager-1No	
12	PVC conduit(Rate/Mtr)	
13	Installation, Configuration, Testing & Commissioning	

Period of Validity of Bids:

Bids shall remain valid for a period of 60 days after the bid submission deadline date prescribed by WBMSCL. A bid valid for a shorter period shall be rejected by WBMSCL as non responsive.

In exceptional circumstances, prior to the expiration of the bid validity period, WBMSCL may request Bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. In such case the Bid Security shall also be extended for a corresponding period. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify the bid.

Submission, Sealing and Marking of Bids:

Bidders may always submit their bids by hand. Bidders will submit the Qualifying Bid and Financial Bid sealed in individual envelopes and enclose both the original Bids separately in a sealed envelope, which shall:

- (a) Bear the name and address of the Bidder as well as the BID reference number.
- (b) Be addressed to

Managing Director,

West Bengal Medical Services Corporation limited, Swasthya Sathi, GN-29, Salt Lake Sector-V, Kolkata-91
- (c) The envelopes containing Qualifying and Financial bids should also be similarly marked clearly stating "Qualifying Bid"/ "Financial Bid" as well as BID reference number.
- (d) If the envelope/s is not sealed and marked as required, WBMSCL will assume no responsibility for the misplacement or premature opening of the bid.

Deadline for Submission of Bids

- (a) Bids must be submitted by the Bidder at WBMSCL, Swasthya Sathi, GN-29, Salt Lake, Sector-V, Kolkata-91 latest by 14:00 hours on 11/03/2016.
- (b) WBMSCL may, at its discretion, extend the deadline for the submission of bids by amending the Bidding Documents, if felt necessary.
- (c) WBMSCL shall not consider any bid that arrives after the deadline for submission of bids, or that which has not been received at the stated address within the deadline of submission for bid. Any bid received by WBMSCL after the deadline for submission of bids shall be declared late, rejected.

Bid Opening

- (a) WBMSCL or its duly authorized representative or committee will open tenders in the presence of intending bidders who may be present at the time of Bid Opening. The Technical qualification and responsiveness of the Bid will be checked first.
- (b) A bid will be considered as non responsive and will be rejected/ cancelled under the following conditions:
 - Does not have any of the documents as mentioned in Qualifying / Financial Bid Envelop.
 - Does not have the required technical eligibility as per documents submitted by the Bidder.
 - If the bidder submits conditional bid.

- Submits incomplete Price Bid as per price format.
 - The Bidder does not accept important Contract conditions.
- (c) Financial Bid will be opened only in case of those Bidders who have submitted substantially responsive Bid and who have qualified as per Qualifying criteria set for the Bid. On opening the Financial Bid the Committee will enter the amounts of the tenders in a Comparative Statement Form.

Terms and Conditions

01. Tender must be inclusive of all charges i.e. CST/ VAT, Excise Duty, Delivery, Installation etc.
02. The price to be quoted in Indian Rupee only.
03. No interest will be payable against Earnest money or Security Deposit.
04. Each Bidder shall submit only one tender.
05. WBMSCL will evaluate and compare the tenders determined to be substantially responsive i.e. which
 - (a) Are properly signed.
 - (b) Conform to the terms and conditions, and specifications.
06. WBMSCL reserves the right to accept or reject any tenders and to cancel the bidding process and reject all tenders, and does not bind to accept the lowest rate.
07. Quantity mentioned in the tender document is indicative only and orders shall be placed subject to actual requirement. WBMSCL reserves the right to increase or decrease the quantity specified in the tender.
08. The Bidder whose bid is accepted will be notified of the award of contract. The terms of accepted offer shall be incorporated in the purchase order.
09. Payment shall be made within 30(thirty) days after installation of the goods, against submission of bills with certification from the consignee for the satisfactory completion of supply and Installation.
10. All goods should be reached in SEALED / Packed condition.


Managing Director

Memo No: WBMSCL/NIT-11/2016/1(4)

Date: 01/03/2016

Copy forwarded for information to:

1. Manager Accounts, WBMSCL.
2. Manager IT, WBMSCL with the request to upload the notice in the website of the WBMSCL.
3. Notice Board of West Bengal Medical Services Corporation Ltd.
4. Office Copy.


Managing Director

COMPLIANCE SHEET

Format for the Compliance Statement is provided below:

Sl No	PARTICULARS	Compliance(as per the essential technical specification in the NIT) (Yes/No) / Deviation(if any)
1	Loudspeaker	
2	Digital mixer/amplifier	
3	Speaker line Volume Controller	
4	Handheld cordless Microphone	
5	UPS	
6	Male-Female XLR	
7	Male-Female RCA	
8	Speaker connectors	
9	Microphone Cable	
10	speaker Cable	
11	Audio Rack	
12	PVC conduit casing	

(Signature of the Bidder with Stamp)