

Municipal Corporation of Delhi
 दिल्ली नगर निगम

Office of the Addl. DHA (Med. & TB)
 Health Department
 E-Block, 12th Floor
 Dr. SPM Civic Centre
 Jawahar Lal Nehru Marg
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By No. USG/2014/1188
 Date 18/12/14



NO. Addl. DHA (Med. & TB) 2014-15 / 1188

Date: 18.12.14

NOTICE INVITING TENDER

Sealed tenders are invited in the office of **Addl. DHA (Med. & TB)**, for purchase of 10 Numbers of **Portable ECG Machines under Two Bid System** for their health institutions from manufacturers/authorized suppliers through manual Tendering process.

Prescribed tender form along with the list of items, specifications and terms & conditions can be obtained from the office of the **Addl. DHA (Med. & TB), Health Department, E Block, 12th Floor, Dr. SPM Civic Centre, Jawahar Lal Nehru Marg, New Delhi 110002** on payment of Rs.500/- (Rs.Five Hundred Only) by cash/pay order or D/D (non refundable), in favour of Commissioner, North Delhi Municipal Corporation, on any working day between 10.00 AM to 2.00 PM as per schedule given below.

Tender Schedule

Sale of tender (Opening Date)	24.12.2014	Wednesday
Closing date for sale of Tender	07.01.2015	Wednesday
Last date of submission of tender along with EMD of Rs. 60000/-	09.01.2015	Friday
Date of opening of tender		
i) Technical Bid Opening	12.01.2015	Monday
ii) Demonstration of Machine	14.01.2015	Wednesday
iii) Evaluation of Technical Bid	19.01.2015	Monday
Financial Bid Opening	21.01.2015	Wednesday
Evaluation of Financial Bid	21.01.2015	Wednesday
Award of Contract	Thereafter	

Tender will be received in the office of AO (H&P), **Health Department, E Block, 12th Floor, Dr. SPM Civic Centre, Jawahar Lal Nehru Marg, New Delhi 110002**, under two-bid system. The name & item no. should be super scribed on the envelope particularly & the same will be opened as per schedule given above in presence of bidders or their representatives who wishes to be present. In case the day of opening is declared as holiday, the same will be opened on the next working day at the same time and place.

[Signature]

Addl. DHA (Med. & TB) KAMAR GUPTA
North Delhi Municipal Corporation
 Hospital Administration
 (Medical & T.B.)

Copy to:


- 1 Addl. Director (IT) with a request to upload the NIT on North MCD website *10/12/14* *use 14*
- 2 All D.D.O's. for wide publicity.
- 3 AO (H&P).
- 4 Notice Board.
- 5 Sh. V.K. Upadhaya, LDC for receipt of tender fee as mentioned above.
- 6 Office copy/Guard File

Copy for kind information to:

1. Secretary to the Commissioner for kind information to Commissioner, North MCD.
2. Addl. Commissioner (Health).
3. Chief Vigilance Officer, 26th Floor, Civic Centre, Delhi along with copy of the terms & conditions.
4. Director Hospital Administration, North MCD.

TECHNICAL SPECIFICATION OF 12 LEAD PORTABLE ECG MACHINE

- I) It should be able to acquire and interpret all 12 leads simultaneously for both adult and paediatric patients.
- II) Should have multiple operation modes-Manual, Automatic & arrhythmia analysis mode.
- III) Should provide for one-touch operation for acquisition, analysis, storage and printing of ECG.
- IV) Should be capable of backward ECG recording.
- V) Display-Should be LCD/TFT of 5.7" or more with resolution of at least 640X480 pixels should have real time display of ECG waveforms along with other details like patient's identification, paper speed, heart rate, filter settings, etc.
- VI) Should have full screen preview of ECG report for quality assessment check before printing.
- VII) Should have QWERTY alphanumeric keyboard (Virtual or Hard/Real Board) for text inputs.
- VIII) Should have facility for high resolution (at least 200 dpi X 500 dpi) printing on A4 size thermal sensitive paper.
- IX) Should have pre-and post-processing digital filters.
- X) Should have facility for gender & age specific interpretation in adults, age driven interpretation in paediatrics patients.
- XI) Should have report formats of 3X4/6X2, with manual/auto option of recording continuous ECG waveform data for one selected lead at one time.
- XII) Should work on power input of AC current 200-240V, 50-60 Hertz, with back-up from DC current i.e. Rechargeable Battery. Protection from increased voltage/Current is desirable.
- XIII) Should have battery capacity of at least 40 ECGs or 60minutes of continuous recording on single charge.
- XIV) Should operate continuously in ambient temperature of +10 to +40 Cand relative humidity of 15% to 90%.
- XV) Optional- Should have memory for storage of at least 30 ECGs with data transfer facility to PC or/ and USB.
- XVI) Certification- Should conform to IEC- 60601-1 and IEC-60601-2-25 standards (or equivalent BIS Standard), should be CE and USFDA approved.
- XVII) Each ECG Machine should be supplied with-
- i) Power card/Cable with integrated charger- One.
 - ii) Patient Cable-TWO.
 - iii) Chest electrodes- Adult & Paediatrics (setoff six each)- TWO sets for each.
 - iv) Limb electrodes (set of four) TWO sets.
 - v) Ground Cable- TWO.
 - vi) Thermal paper A4 Size- for 500 patients.
 - vii) User/operation manual and service manual-both in English.
 - viii) Optional ECG diagnostic software and/or ECG data management software.
- XVIII) Company-Should be ISO 9001-2000 certified, should have service centre in Delhi.
- XIX) Whole unit should be from same manufacturer, and should come with five years warranty with Maintenance contract for further five years (ECG machine should be covered under warranty and maintenance for total of ten years.
- XX) Rates of the ECG unit, consumables, spares, warranty and maintenance contract should be quoted separately.
- XXI) These specifications are general in nature and are need based, and are based on the specifications of the manufacturer/company specific.


Dr. SURENDRA KUMAR GUPTA
Addl. Director Hospital Administration
(Medical & T.B.)