

WEST BENGAL MEDICAL SERVICES CORPORATION LTD.

(Wholly Owned by the Government of West Bengal)

CIN: U85110WB2008SGC126373

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

Ph: 033-40340300; Fax: 033-40340400, website: www.wbmsc.gov.in; e-mail: procurement@wbmsc.gov.in

Memo No: WBMSCL/NIQ-49/2018

Date: 28.02.2018

INVITING TENDER IN SEALED ENVELOPE FOR VARIOUS ITEMS TO BE USED FOR BRIGADE POLICE HOSPITAL, BARRACKPORE, (SWAMI VIVEKANANDA STATE POLICE ACADEMY)

West Bengal Medical Services Corporation Limited is inviting tender from reputed agencies for supply of various items for Swami Vivekananda State Police Academy, Barrackpore, West Bengal.

Important Dates:

Date of publishing of bid Documents / Date of Issue	06.03.2018
Documents download start date	06.03.2018
Date of Pre bid Meeting with the intending Tenderers in the Conference Hall of West Bengal Medical Services Corporation Limited	14.03.2018 at 11:00 AM
Bid submission start date	14.03.2018
Last date and time for submission of bid	19.03.2018 up to 3:30 PM
Bid opening date for Technical Proposals	19.03.2018 after 03:30 PM
Functional demonstration/ Display of the item	To be notified later
Opening of Financial Bid	To be notified later

Brief description of work		
No	Equipment to be Supplied	Quantity
1	12 Channel ECG Machine	1
2	Interferential Therapy Unit	1
3	Ultrasound Therapy Unit	1
4	Short wave Diathermy	1
5	Electric Muscle Stimulator	1
6	Paraffin Wax Bath unit	1

The detailed technical specifications of the equipments are given hereunder:-

ECG Machine 12 Channel

- 1) Simultaneous 12 Channel ECG recording with 12 lead simultaneous acquisition
- 2) Should have visual alarm for open lead
- 3) Should have a digital display of 12 channel ECG
- 4) QWERTY Alphanumeric keyboard
- 5) Built-in ECG Parameters measurements and Interpretation
- 6) Minimum 40 ECG Storage inbuilt memory.
- 7) Operating modes: Automatic, Manual and Rhythm
- 8) Should have a maintenance free digital thermal array printer
- 9) Printer should work with standard thermal paper (should be available in Local Market)
- 10) Should have 12 lead ECG preview display before taking printouts and should have printer on/off selection.
- 11) Should have ECG lead annotation facility
- 12) Machine should have sufficient battery backup for taking at least 25 nos. ECG on a fully charged battery
- 13) Should supplied with 2 patient cable sets, 8 clip on electrodes, 12 chest electrode with silicon rubber bulb, 12 packets of recording paper, 1 bottle of jelly and 12 nos. reusable button type electrode
- 14) Should operate on mains (220v - 50Hz) and rechargeable battery
- 15) Recording speed should be 25 mm/sec and 50 mm/sec
- 16) Should have defibrillation protection.
- 17) CMRR should be > 90dB or ECG machine should have digital processing with at least 7000 samples per second from each lead wire.
- 18) Frequency response 0.05 Hz to 150 Hz.
- 19) Should have a digital filter for AC and EMG.
- 20) Should have safety certificate from a competent authority CE / FDA (US) / STQC CB certificate / STQC S certificate or valid detailed electrical and functional safety test report from ERTL. Copy of the certificate / test report shall be produced along with the technical bid.
- 21) Following Accessories to be supplied-
 - a. ECG Cable
 - b. ECG Gel
 - c. 4 nos. limb electrode and 6 nos. chest electrode.
 - d. 10 nos. ECG Paper.
- 22) Warranty for 2 years and 5 years CMC after warranty

IFT machine

1	Should have 4-Pole interferential therapy facility
2	Should have 4-Pole vector therapy facility
3	Should have 2-Pole bipolar Interferential therapy facility
4	Should have the choice of medium frequencies 4 KHz and 2 KHz
5	Base frequency should be 0 to 150 Hz
6	Sweep frequency should be 0 to 100 Hz
7	Should have the following sweep programs
8	a. Square 1/1 Sec
9	b. Trapezoidal: 1/5 Sec
10	c. Triangular: 6/6 Sec
11	Should have 0-99 minutes presettable timer with alarm
12	Intensity control should be 0-90 mA continuously variable.
13	Should have intensity balance to equalize 2 Channels
14	Output type should be 100% Isolated
15	Should have LCD/Digital display
16	Input supply to be 230 V AC, 50Hz fitted with Indian plug
17	Standards, Safety and Training
18	Should have the ISO certification
19	The quoted model should have CE or ISO or BIS certificate and copy of the same should be enclosed along with the technical bid.
20	Documentation
21	User/Technical/Maintenance manual to be supplied in English
22	warranty for 2 years and 5 years CMC after warranty

Ultrasound Therapy Unit

Ultrasound uses a high frequency sound wave emitted from the sound head when electricity is passed through a quartz crystal. The sound waves cause the vibration of water molecules deep within tissue causing a heating effect. When the sound waves are pulsed, they cause a vibration of the tissue rather than heating. The stream of sound waves helps with nutrition exchange at the cellular level and healing. Ultrasound is helpful for ligament healing and clinically for carpal tunnel syndrome, and muscle spasm.

Operational Requirements

1) Microprocessor based continuous & pulsed modes, adjustable digital timer, auto shut off with buzzer easy to use & sturdy machine.

Technical Specification

Frequency of 1 & 3 MHz Intensity of 0-3 w/Cm² with display of output parameters along with timer and two water proof treatment heads, one large to 5 cm second small up to 1.0 cm System Configuration Accessories spares and consumables

All standard accessories

Desired for proper functioning of the machine jelly as per requirement.

Environmental factors

Environmental factors to be complied

Shall meet IEC 6062 : 2001 / (or equivalent BIS)

General Requirement of safety for Electromagnetic compatibility or should comply with 89/366 EEC, EMCdi.

The unit shall be able of being stored continuously in ambient

Temperature of 0-50 deg C and relative humidity of 15-90%

The unit shall be capable of operating continuously in ambient temperature of 10-40 deg C and relative humidity of 15-90%

Power Supply: Power input to be 220-240 VAC, 50Hz fitted with Indian Plug

Should be FDA, CE, UL or BIS approved

Manufacture should have ISO certificate for quality standards

Comprehensive training for lab staff and support services till familiarity with the system on site

Warranty for 2 years and 5 years CMC after warranty

Documentation

User/Technical/Maintenance manuals to be supplied in English

Certificate of calibration and inspection

List of Equipments available for providing calibration and routine Preventive maintenance support as per manufacture.

List of important spare parts and accessories with their part number and costing.

Log book with instruction for daily weekly monthly and quarterly maintenance checklist. The job description of hospital technician and company service engineer should be clearly spelt out.

Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the page/Para number with authenticated catalogue/manual, without which it will not be considered.

Note: Technical Specifications mentioned above are of minimum parameter; products offered must meet these or exceed all requirements her

Short wave diathermy

1. Operational Requirements

A device using electromagnetic energy in the shortwave frequency range (3-30 MHz) for therapeutic purposes. The unit included electrodes the Shortwave generator and all associated electronics controls and enclosure.

Technical Specification

Output of 400 to 500w in continuous mode and 800 to 1100 w in pulse

Mode pulse repetition frequency of 20 to 200 Hz adjustable in 10 steps

LCD Screen display of parameter Treatment timer with all standard accessories condenser pad with cable Dis electrodes with arms and cables. Patient safety switch

System configuration: Accessories spares and consumables

Environmental factors

Environmental factors to be complied

Shall meet IEC-606-1-1-:2001 (or Equivalent BIS) General

Requirements of safety for Electromagnetic compatibility or should comply with 89/366 EEC, EMCdi.

The unit shall be capable of being stored continuously in ambient temperature of 0-50 deg C and relative humidity of 15-90%

The unit shall be capable of operating continuously in ambient temperature of 10-40 deg C and relative humidity of 15-90%

Power Supply

Power input to be 220-240 VAC, 50Hz fitted with Indian Plug

UPS of suitable rating with voltage regulation and spike protection for 60 minutes back up

Standards, Safety and Training

1. Should be FDA, CE, UL or BIS approved
2. Manufacture should have ISO certificate for quality standards
3. Comprehensive training for lab staff and support services till familiarity with the system on site.
4. Warranty for 2 years and 5 years CMC after warranty.

Documentation

1. User / Technical / Maintenance manuals to be supplied in English.
2. Certificate of calibration and inspection
3. List of Equipment's available for providing calibration and routine preventive maintenance support as per manufacture.
4. List of important spare parts and accessories with their part number and costing.
5. Log book with instruction for daily weekly monthly and quarterly

Maintenance checklist. The job description of hospital technician and Company service engineer should be clearly spelt out.

6. Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the page/Para number with authenticated catalogue/manual, without which it will not be considered.

Electric muscle stimulator

Digital Buttons: Control EMS and TENS modes with large LCD display. Dual Channel: Isolated between channels.

Modes: 3 TENS and 3 EMS

Pulse Rate: Adjustable. 1Hz-150Hz

Pulse Width: Adjustable. 30 - 300 microseconds

Pulse Intensity: Adjustable 0-100mA peak into 5000hm load each channel

Timer: 5 to 95 minutes and Continuous.

Wave Form: Asymmetrical Bi-phasic square pulse

Ramp Time: 1-20 seconds.

Cycle On Time: On: 1-30 seconds, Off: 1-60 seconds.

LMT4+EMS TENS unit with Belt Clip Battery: 3xAAA batteries

Comprehensive warranty for 2 years and 5 years CMC after warranty

Paraffin Wax Bath Unit

Internal wax tank made out of stainless steel sheet. The top having alluminum cover and the edges of the bath having laminated wooden rim, works on electricity 220-240V. Provided with special wax immersion type heater and thermostat to control temp. Externally finished oven baked Wax chamber size: 50x35x25cm come s with six kg wax.

Paraffin Wax: Special quality with low melting point (52 degree C) for use in Paraffin Wax Bath.

Comprehensive warranty for 2 years and 5 years CMC after warranty

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

Bidders are instructed to submit their bid consisting of two sealed envelopes called "Technical Bid" & "Financial Bid".

The Technical Bid shall comprise the following:

- a) PAN card
- b) GST registration certificate
- c) Trade Licence
- d) IT Return File
- e) Duly signed Tender document along with all the relevant documents.

Demonstration/Display of the offered items: The bidders should demonstrate/display the offered items during technical evaluation of the tender. The demonstration/display of the offered items is part of the technical evaluation.

The Financial Bid shall comprise the following:

Financial bid of the technically qualified bidders would be opened and evaluated. Rate must be given in the format provided for the items enclosed under **Annexure 'A'**. Rate per unit as mentioned in the format must be exclusive of all taxes. Quoted price in any other format will be treated as cancelled.

Period of validity of Bids:

Bids shall remain valid for a period of one hundred twenty (120) days after the bid submission deadline prescribed by WBMSCL. A bid valid for a shorter period shall be rejected by WBMSCL as non responsive. In exceptional circumstances, prior to expiration of the bid validity period, WBMSCL may request bidders to extend the period of validity of their bids. The requests and 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 will submit the Technical Bid and Financial Bid sealed in individual envelope 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, Sector-V,
Salt Lake, Kolkata-700091**

- c) The envelopes containing Technical and Financial bids should also be similarly marked clearly stating: "Technical Bid / Financial Bid" as well as Bid reference number and serial number, if any.
- 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, Sector-V, Salt Lake, Kolkata-700091 latest by 13.03.2018 up to 3:30 PM.
- 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 as 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 Technical/Financial Bid envelope.
 - Does not have the required technical eligibility as per documents submitted by the bidder.
 - If the bidder submits conditional bid.
 - If the bidder submits incomplete bid price as per price format.
 - If the bidder does not accept important contract conditions.
- c) Technical Evaluation of Bid: The bidders who have submitted valid documents for all the listed documents

- d) Financial Bid will be opened only for the technically qualified bidders who have qualified as per qualifying criteria set for the technical bid evaluation. On opening of the Financial Bid, the committee will enter the amounts of the tenders in a Comparative Statement form.

Terms and Conditions

1. The quoted rate should be in Basic Price and exclusive of GST
2. The price to be quoted in Indian Rupee only.
3. The timeline for supply and commissioning should not be more than 15 days.
4. WBMSCL may at any time by written instruction vary the quantity by 40% (forty percent) above or 20% (twenty percent) below the original Contract quantity of individual goods at the accepted terms & conditions. The price for the additional quantity of individual goods will be as per the contracted price of this bid.
5. No interest will be payable against earnest money or security deposit.
6. Each bidder shall submit only one tender against the tender call.
7. WBMSCL will evaluate and compare the tender determined to be substantially responsive i.e. which (a) properly signed, (b) Conform to the terms and conditions, and specifications.
8. 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.
9. The bidder whose bid is accepted will be notified of the award of contract.
10. Payment shall be made at the earliest after supply & installation of goods, against submission of bills.
11. The supplier will have to submit CRC & SIC duly signed by the concerned authority in support of supply and installation of the equipment. The format for CRC & SIC is annexed as Annexure B & Annexure C.

Sd/-

**Managing Director
& Secretary, Health & Family Welfare Department**

Memo No: WBMSCL/NIQ-49/2018

Date: 06.03.2018

Copy forwarded for information and necessary action to:

1. Manager (Accounts), WBMSCL
2. Manager (IT), WBMSCL with the request to upload the notice in the website of the WBMSCL.

3. Office copy.

Sd/-

**Managing Director
& Secretary, Health & Family Welfare Department**

Annexure-A

Sl. No.	Name of the Items	Name of the consignee	Basic price* per unit Item (Rs.)	CMC Rate Year 1 after completion of Warranty Year 2 (Rs.)	CMC Rate Year 2 after completion of Warranty Year 2 (Rs.)	CMC Rate Year 3 after completion of Warranty Year 2 (Rs.)	CMC Rate Year 4 after completion of Warranty Year 2 (Rs.)	CMC Rate Year 5 after completion of Warranty Year 2 (Rs.)	Total Rate
		Swami Vivekananda State Police Academy, Barrackpore							
1	12 Channel ECG Machine	1							
2	Interferential Therapy Unit	1							
3	Ultrasound Therapy Unit	1							
4	Short wave Diathermy	1							
5	Electric Muscle Stimulator	1							
6	Paraffin Wax Bath unit	1							

Basic Price of Kit (BP): Basic Price of item(s) includes value of goods, accessories & ancillaries, other charges (e.g. freight charges up to the consignee location, insurance etc if applicable), end user training as many numbers as may be required during the period of warranty but excluding applicable GST.

Form A: STATEMENT OF BREAKUP OF DUTIES AND TAXES

Sl. No.	Particulars	Percentage	Price (In INR)
1	Basic Price of item		
2	Applicable GST		
Gross Price			

NOTES:

- Participant bidders should quote for all the items.
- Selection of L1 bidder would be based on the total rate of Basic Price including CMC rate against each item quoted by the participant bidders.



Form 3a: Consignee Receipt Certificate (CRC)

(To be issued by consignee's authorized representative)

[The consignee may issue an additional challan receipt if delivered by courier or transporter]

Date of supply by the Company Person or Courier:	
Name and Address of the Consignee:	
Name of the item supplied (with Make & Model & Model No.):	
Purchase Order / Contract No.:	
Name of the Supplier:	
No. of Units supplied:	
Place of destination (The dept. where the equipment will be actually installed):	
Invoice No. & Date:	
Details of Batch / Serial Numbers, if any of item supplied:	
<p>..... (Signature & Office Seal of authorized representative of Consignees with date)</p> <p>[Name and designation of the signatory to be written capital letter]</p>	
<p>..... (Signature & Office Seal of Head of the Institute / Hospital with date)</p> <p>[Name and designation of the signatory to be written capital letter]</p>	



Form 3b: Satisfactory Installation Certificate (SIC)

(To be issued by the consignee after successful commissioning of equipment)

Bid Reference :
 Award of Contract Reference :
 Description of Equipment/Service :
 Date of Commissioning :

This is to certify that the equipment(s) as detailed below has/have been received in good condition along with all the standard and special accessories, consumables, set of spares in accordance with the contract/technical specification of the equipment and site preparation including interiors as per bid document

Details of equipment, accessories, consumables, spares, etc.

Sl. No.	Description	Quantity	Serial No. / Part No.
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

In case of space deficiency, another sheet with the same format can be annexed.

The supplier has also submitted the following,

1. Tools for maintenance
2. Detailed operation and maintenance manual both in hard and soft copy for each item of supply at each location

The proving test has been done to our entire satisfaction. The equipments, its accessories and ancillaries of the site preparation including interiors is functioning satisfactorily and faultlessly

Declaration by Unit Head (HOD/MO-IC/Others):

Sticker designed by WBMSCL is fitted with the equipment Yes No

Signature with stamp:

The following operators/ end users have been trained to operate the equipment(s),

Sl	Name	Designation	Contact No	E-mail ID (In CAPS)	Remarks
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					

In case of space deficiency, another sheet with the same format can be annexed.

Countersigned by the head of the institute/ hospital:	
Signature	_____
Name	_____

Signature of Unit Head:
(HOD/MO-IC/Others)

Name (in Block):

Performance Security (PS)

(In the form of unconditional and irrevocable Bank Guarantee)

10% of the Bid Value (Validity should be till the completion of Warranty + 60 days).
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Who can Bid

Manufacturing Company or its subsidiary in India only. (Distributor/ Dealer are eligible to bid)

Service Up time in Warranty & CMC

Medical Equipments for Brigade Police Hospital, Barrackpore, (Swami Vivekananda State Police Academy
Working condition for a minimum period of 354 days out of a period of 365 days. (i.e. 97% uptime)
The response time to any fault should be not more than 6 hrs after call is logged. Call Log by E-mail/Fax. Time for rectification should not be more than 48 hours.
Maximum Downtime allowed without penalty: 72 hours. In case equipment is not useable beyond the stipulated maximum down time the supplier will be required to install alternative equipment for providing uninterrupted service.
Penalty beyond 72 hours downtime & if standby unit is not provided: All items – Rs. 500 per 24 hours per machine

During the warranty, free comprehensive annual maintenance and repairs services including testing and calibration, labour and spares shall be provided by the supplier during the period of warranty.

The supplier shall visit each installation site as recommended in the manufacturer's technical/ service operational manual, but **at least once in three months** during the warranty period for preventive maintenance.

Liquidated damages for Delayed Delivery/Delayed setting up of Services

Medical Equipments for Brigade Police Hospital, Barrackpore, (Swami Vivekananda State Police Academy
The percentage of 0.5% of the Invoice price for each week or part thereof, of delay until actual delivery or performance, up to a maximum deduction of 5% of the Invoice price.

Comprehensive Maintenance Contract (CMC) charges: include comprehensive maintenance of the equipment including all accessories and ancillaries as given in the specification of the equipment. The quoted rate should be excluding of GST. Applicable GST will be paid extra.

(i) The equipment including all other accessories and ancillaries as given in the specification of the equipment.

The rates are to be quoted year wise. 90% (ninety per cent) of the CMC Charges will be paid at the time the CMC is executed, balance 10% (ten per cent) will be paid after satisfactory completion of the CMC period (in this case, no Performance Security would have to be deposited by the supplier). The equipment wise list for preventive maintenance is given in the table below,

Sl. No.	Equipments	Mandatory PMS visit per year	Remarks
1	12 Channel ECG Machine	2	1. Attending all breakdown calls during warranty and CMC period. 2. To provide Preventive Maintenance Services (PMS) at least yearly / bi - yearly /quarterly as recommended in column (2) during warranty and CMC period. 3. The procedure / checks of the preventive maintenances should be as per the guidelines prescribed in technical / service / operational manual of the original equipment manufacturer. 4. Preventive Maintenance will also include testing, calibration, replacement of spare parts by new one, hardware / software upgradation and labour.
2	Interferential Therapy Unit	2	
3	Ultrasound Therapy Unit	2	
4	Short wave Diathermy	2	
5	Electric Muscle Stimulator	2	
6	Paraffin Wax Bath unit	1	