



**Notice Inviting e-Tender**  
**West Bengal Medical Services Corporation Limited**  
**Swasthya Sathi**  
**GN-29, Salt Lake, Sector-V**  
**Kolkata-700091**

Phone No (033) 40340308/319

E mail: [procurement@wbmsc.gov.in](mailto:procurement@wbmsc.gov.in) / [mp@wbmsc.gov.in](mailto:mp@wbmsc.gov.in)

**Procurement of Medical Equipment for Medical College and Hospitals  
(GROUP-5)**

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT- 18 /2019

Dated-06.02.2019

**The following amendments have been made in the tender document,**

**AMENDMENT -I**

**SCHEDULE I**

**TECHNICAL SPECIFICATION**

| <b>ELISA READER</b>  |                         |
|--|-------------------------|
| Parameter/ Feature   | THRESHOLD LIMIT / RANGE |
| NO. OF WELLS RUN PER ASSAY (INCLUDING CONTROLS AND CALIBRATORS)      | 96                      |
| MINIMUM SAMPLES CAN BE RUN PER ASSAY (WITH CONTROLS AND CALIBRATORS) | 1                       |
| ABSORBANCE Range   | (0.0-4.0) or more       |
| Wavelength of 6 Position filter wheel filters in nm                  | 405- 690                |
| READER ACCURACY in OD  | ± 0.010                 |
| READ TIME FOR SINGLE WAVELENGTH in Sec                               | ≤ 10                    |

|  |                       |
|--|-----------------------|
| READ TIME FOR DUAL WAVELENGTH in Sec   | ≤20                   |
| POWER SUPPLY   | 220 V ± 10% 50 HZ     |
| Range of ELISA WASHER Volume of solution dispense PROGRAMABLE in $\mu$ l   | 50-1000               |
| WASHER ACCURACY well to well (NOT EXCEEDING) in $\mu$ l  | 300 ± 10%             |
| WASHER PROCESSING TIME (350 $\mu$ l x3 cycles x 8 port) in sec   | 180 or less           |
| RESIDUAL VOLUME in $\mu$ l   | ≤2                    |
| NO. OF PROGRAM   | 30 or more            |
| POWER REQUIREMENT  | 230 V ± 10%; 50/60 Hz |
| Range of Soak Time (In Strip Mode) in Sec  | 0-10                  |
| Range of Soak Time (In Plate Mode) in Min  | 0-30                  |
| WORKING CONDITION HUMIDITY in %  | 0-95                  |
| WORKING CONDITION TEMPERATURE in ° C   | (10 to 35) or more    |
| <b>MUST HAVE SPECIFICATION</b>   |                       |
| Parameter/ Feature   | <b>Yes/No</b>         |
| MACHINE IS COMPATIBLE WITH REAGENTS AND KITS OF OTHER MANUFACTURER   |                       |
| DETECTOR- Silicon Photodiode   |                       |
| MEASUREMENT MODE Monochromatic & Bi-chromatic  |                       |
| LIGHT SOURCE - LED Lamp / Halogen  |                       |
| KEYBOARD RUGGED , WATER PROOF , MEMBRANE TYPE  |                       |
| ELISA WASHER : LIQUID CONTACT MATERIALS Glass, polypropylene, polyethylene, stainless steel, tygon, teflon, derlin & nylon |                       |
| SUPPLIED ACCESSORIES - COMPUTER AND PRINTER  |                       |
| INTERFACE - RS-232 serial interface with computer  |                       |
| READING MODE 6/12/24/48/96 WELL PLATES (ADJUSTABLE)  |                       |
| USB 1.1/2.0  |                       |
| VARIABLE SHAKING SPEED AND TIME  |                       |
| WASHER WITH 8 / 12 WAY MANIFOLD CONFIGURATION  |                       |
| ADAPT TO U, FLAT AND CURVED BOTTOM PLATES  |                       |
| ALERT FOR WELL OVERFLOW AND WASTE BOTTLE   |                       |

|  |  |
|--|--|
| <b>QUALITY STANDARD &amp; SAFETY CERTIFICATION</b>   |  |
| EUROPEAN CE IVD / US FDA   |  |
| <b>Note: In case the machine is offered with Halogen, free replacement of light source for next 10 years with free calibration at the time of changing of light source</b> |  |



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**SCHEDULE II**

**TECHNICAL SPECIFICATION**

| (-) 20 ° FREEZER   |                         |
|--|-------------------------|
| PARAMETER/ FEATURE   | THRESHOLD LIMIT / RANGE |
| HOLD OVER TIME ( FROM -20°C to -1°C) IN AMBIENT TEMPERATURE IN HOURS | 2 OR MORE               |
| TEMPERATURE RANGE FOR MACHINE IN °C                                  | (-) 20 TO (-) 15        |
| ABILITY TO WORK IN AMBIENT ROOM TEMPERATURE IN °C                    | (10 TO 30) OR MORE      |
| VOLUME IN LITRES   | 550 OR MORE             |
| NO. OF ADJUSTABLE STEEL RACKS IN INNER CHAMBER                       | 5 OR MORE               |

| MUST HAVE SPECIFICATION  |        |
|--|--------|
| PARAMETER/ FEATURE   | YES/NO |
| TYPE: VERTICAL   |        |
| STAINLESS STEEL / ANTI RUST COATING OUTER BODY<br><br>(SHOULD SUBMIT CERTIFICATE AND TAKE RESONSIBILITY OF OUTER PAINT FOR 10 YEARS            |        |
| INNER CHAMBER WITH SEPARATE STAINLESS STEEL SHELVES OR DRAWER FOR INSULATION TO MINIMIZE HEAT LOSS   |        |
| MICROPROCESSOR BASED TEMPERATURE CONTROL   |        |
| SOLID STATE DIGITAL INDICATOR CUM CONTROLLER WITH AUDIO VISUAL ALARM   |        |
| ALARM FOR: HIGH LOW<br>TEMPERATURE, POWER FAILURE  |        |
| COUNTER BALANCED DOOR TO AVOID TEMPERATURE LOSS  |        |
| CFC FREE GREEN GAS REFRIGERANT WITH 5 YEARS WARRANTY FOR COMPRESSOR  |        |
| DIGITAL TEMPERATURE DISPLAY WITH 0.1°C GRADUATION  |        |
| SILICON OR POLYURETHENE FOAM INSULATION PANNEL FOR CASING AND DOOR   |        |
| Should be supplied with appropriate capacity servo voltage stabilizer for the entire system having capability of voltage range 130 to 260 volt |        |
| <b>QUALITY STANDARD &amp; SAFETY CERTIFICATION</b>   |        |
| EUROPEAN CE OR US FDA  |        |



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**SCHEDULE III**

**TECHNICAL SPECIFICATION**

| (-) 80 ° FREEZER                                  |                         |
|---|-------------------------|
| PARAMETER/ FEATURE                                | THRESHOLD LIMIT / RANGE |
| HOLD OVER TIME IN AMBIENT TEMPERATURE IN HOURS    | 2 OR MORE               |
| TEMPERATURE RANGE FOR MACHINE IN °C               | (-) 50 TO (-) 80        |
| ABILITY TO WORK IN AMBIENT ROOM TEMPERATURE IN °C | (10 TO 30) OR MORE      |
| VOLUME IN LITRES                                  | 400 OR MORE             |
| NO. OF ADJUSTABLE STEEL RACKS IN INNER CHAMBER    | 5 OR MORE               |

|  |               |
|--|---------------|
| THICKNESS OF POWDER COATED CRCA STEEL SHEET OF OUTER BODY IN MM  | 1             |
| <b>MUST HAVE SPECIFICATION</b>   |               |
| <b>PARAMETER/ FEATURE</b>  | <b>YES/NO</b> |
| TYPE: VERTICAL   |               |
| <b>STAINLESS STEEL / ANTI RUST COATING OUTER BODY</b><br><b>(SHOULD SUBMIT CERTIFICATE AND TAKE RESONSIBILITY OF OUTER PAINT FOR 10 YEARS</b>  |               |
| <b>INNER CHAMBER WITH SEPARATE STAINLESS STEEL SHELVES OR DRAWER FOR INSULATION TO MINIMIZE HEAT LOSS</b>                                      |               |
| MICROPROCESSOR BASED TEMPERATURE CONTROL   |               |
| SOLID STATE DIGITAL INDICATOR CUM CONTROLLER WITH AUDIO VISUAL ALARM   |               |
| ALARM FOR: HIGH LOW TEMPERATURE, POWER FAILURE   |               |
| <b>COUNTER BALANCED DOOR TO AVOID TEMPERATURE LOSS</b>   |               |
| <b>CFC FREE GREEN GAS REFRIGERANT WITH 5 YEARS WARRANTY FOR COMPRESSOR</b>   |               |
| DIGITAL TEMPERATURE DISPLAY WITH 0.1°C GRADUATION  |               |
| SILICON OR POLYURETHENE FOAM INSULATION PANNEL FOR CASING AND DOOR   |               |
| Should be supplied with appropriate capacity servo voltage stabilizer for the entire system having capability of voltage range 130 to 260 volt |               |
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**AMENDMENT -I**

**SCHEDULE IV**

**Table for Important Dates**

| Sl. | Items  | Date(s)                         |
|-----|--|---------------------------------|
| 1.  | Date of uploading of N.I.T. Documents (online) / Date of Issue / Published on  | 14.02.2019                      |
| 2.  | Documents download start date (Online)   | 14.02.2019                      |
| 3.  | Date of <b>Pre Bid Meeting</b> with the intending Tenderers in the Conference Hall of <b>West Bengal Medical Services Corporation Limited</b>  | <b>28.02.2019 at 11:00 AM</b>   |
| 4.  | Bid submission start date (On line)  | <b>05.03.2019</b>               |
| 5.  | <b>Bid submission closing (On line)</b><br>Bid submission includes:<br>i) Non statutory documents to be submitted under <u>My Space</u> (Each sub-category item should be in multiple page single PDF file)<br>ii) BID – A (Should be in multiple page single PDF file)<br>iii) BID – B (Should be in multiple page single PDF file)<br>iv) BID – C (BOQ and price of consumables & spares etc.) | <b>15.03.2019 up to 05:00PM</b> |



|     |   |                                  |
|-----|---|----------------------------------|
|     | <p><b>Detailed list of documents annexed at Section V Check-List Form</b></p> <p>Non-statutory document (document uploaded in <u>My Space</u>), Bid – A &amp; Bid – B constitute the technical bid and Bid – C is the financial bid.</p> <p><i>Any wrong or misleading information provided by the Tenderer during submission of bids shall lead to summary cancellation of bid and may lead to blacklisting in WBMSCL for at least 5 years.</i></p> <p><b>Each scanned documents should have an index page indicating the name of the documents enclosed with page number.</b></p>   |                                  |
| 6.  | <p>Last date of submission of all hard copies of the documents uploaded in e-tender during bid submission <b>except BOQ</b> at the registered office of WBMSCL in two separate envelopes,</p> <p>i) <b>In one envelope:</b> Earnest Money Deposit (Copy of the receipt of online submission of EMD)</p> <p>ii) <b>In the other envelope:</b> The hard copies of the uploaded documents (<b>except BOQ</b>) arranged in the same sequence as given in the Check List and copy of acknowledgement generated by e-tender portal against the documents uploaded during bid submission. All the documents should be appropriately flagged.</p> | <p>18.03.2019 up to 05:00 PM</p> |
| 7.  | <p>Bid opening date for Technical Proposals (<b>Online</b>) (Bid A &amp; B)</p>   | <p>18.03.2019 after 05:00 PM</p> |
| 8.  | <p>Bidders to remain present at WBMSCL office, Kolkata for identification of the documents for the technical bid evaluation</p>   | <p>To be notified later</p>      |
| 9.  | <p>Submission of non-statutory wanting document (if any)</p>  | <p>To be notified later</p>      |
| 10. | <p>Functional demonstration of the equipment</p>  | <p>To be notified later</p>      |
| 11. | <p>Opening of Financial Bid (<b>Online</b>)</p>   | <p>To be notified later</p>      |