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| C:\Users\BMSICL\Desktop\bmsicl_logo.jpg | **Bihar Medical Services & Infrastructure Corporation Limited 4th floor State Building Construction Corporation Limited. Hospital Road, Shastri Nagar, Patna 800023, Phone/Fax: + 91612 2283287, + 91612 2283288** |
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**Corrigendum-I**

Bihar Medical Services and Infrastructure Corporation Limited (BMSICL) had invited E-Bids from the interested parties for the procurement, rate contract and the supply of Medical equipment vide Tender No.-BMSICL/2022-23/ME-295. During Pre-bid meeting various suggestions were received from different prospective bidders regarding amendment in technical specification of equipment which were discussed and deliberated on by the experts. On the basis of their recommendations certain amendments in the technical specification of the equipment have been made which are annexed as **Annexure-I** of this corrigendum. Rest of the terms and conditions of the NIT shall remain unchanged. In order to facilitate maximum participation of bidders tender schedule is being revised as following:-

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| Tender Reference No. | **BMSICL/2022-23/ME-295** |
| Date and time for downloading of bid document | **Up to 09th November 2022 till 17:00 Hrs.** |
| Last date and time of submission of online bids | **12th November 2022 till 17:00 Hrs.** |
| Last date and time of submission of original documents of EMD, Tender Fee and Document. | **15th November 2022 till 14:00 Hrs.** |
| Date, Time and Place of opening of Technical Bid | **15th November 2022 (at 15:00 Hrs.) on the website of** [**www.eproc.bihar.gov.in**](http://www.eproc.bihar.gov.in/)**in the office of BMSICL** |
| Date and time of opening of financial Bids | **To be announced later on www.eproc.bihar.gov.in** |

**GM (Procurement)**

**BMSICL**

**Annexure-I**

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| **Sl.no.** | **Technical Specification as per tender** | **Amendment** |
| **Name of Equipment:-CTG Machine** | | |
| 1 | Fetal Monitor for recording and analyzing the Fetal Heart Rate (FHR) on beat- to beat basis. | Wireless Fetal Monitor for recording and analyzing the Wireless Fetal Heart Rate (FHR), Toco & Movement Marker on beat- to beat basis. |
| 2 | Toco and maternally sensed fetal movements, both manually and automatically detected. | No Change |
| 3 | Should have facility of twin monitoring. | No Change |
| 4 | Graph on thermal printer with the machine, only thermal paper is required. | No Change |
| 5 | Display of FHR up to twins GHR 1 & FHR2 & TOCO on 10” or more TFT/LCD display. | Display of FHR up to twins GHR 1 & FHR2 & TOCO on 10” or more TFT/LCD Colour Touch Screen display |
| 6 | Uterine contractions alarm. Alarm delay facility, so that alarm is available only if the alarming condition is persistent for preset time. TFT/LCD panel with ON-LINE user friendly alarm and patient data. | No Change |
| 7 | Actual FHR in BPM. | No Change |
| 8 | Blinking corresponding to each Beat. | No Change |
| 9 | UA in % Alarm massage display High/Low FHR limits. | No Change |
| 10 | Patient ID no. Memory Backup/ Graphical or Tabular trend for minimum 24 hours with fast printing facility. Feather touch key operated volume control. | No Change |
| 11 | In-built / separate acoustic stimulator with a separate marker on the graph for acoustic stimulators. | No Change |
| 12 | Ultrasound transducer should be multi crystal wide beam pulsed Doppler with frequency of 1 MHZ. | No Change |
| 13 | Fetal Heart Rate: measurement Range: 50-220 BPM. | No Change |
| 14 | Signal processing: Auto Correlation. | No Change |
| 15 | External Toco transducer which should be a sealed waterproof unit. Guard ring designed to reduce maternal respiration artifact. Measurement Range: 0-100 Units. | No Change |
| 16 | Event Marker-Hand held, patient operated as well as front panel operated. Voltage-230 V AC ± 10%, 50 HZ. | No Change |
| 17 | Unit should be designed as per IEC-601-1 (certificate to be submitted). | No Change |
| 18 | Unit should be BIS/CE certified and from ISO 9001 :2008/ISO 13485 certified manufacturers. | (a) USFDA/European CE(issued by notified body)/BIS Certified.  (b) 9001:2008/ISO 13485 (from NABCB accredited CBs.) |
| 19 | Firm should mention all the pre-installation requirements in technical bid. | No Change |
| 20 | The company should mention the make & model name/number of the quoted equipment and submit the technical brochure of the quoted model in the technical bid along with compliance sheet as per technical specifications. | No Change |
| 21 | User manual with trouble shooting guidelines should be provided by supplier. | No Change |
| 22 | Should be supplied with the following accessories at the time of installation- Transducer belt, belt Belt buckles, Main cables, interconnecting cables, ultrasound gel bottles (10 no.). | No Change |
| **Name of Equipment:-Phototherapy** | | |
| 1 | Phototherapy should be based on advanced LED technology. | No Change |
| 2 | In LED technology the irradiance should cover the entire treatment area. | No Change |
| 3 | Lamp source should be continuous till table to 90⁰ angle to cover the entire treatment area. | No Change |
| 4 | System should be height adjustable with built-in non resettable timer. | No Change |
| 5 | It should be supplied with a compatible trolley. | No Change |
| 6 | Should work with input 200 to 240Vac 50 Hz supply. | No Change |
| 7 | US FDA/ European CE (Issued by a notified body) approved Model should be offered. | (a) USFDA/European CE(issued by notified body)/BIS Certified.  (b) 9001:2008/ISO 13485 (from NABCB accredited CBs.) |
| **Name of Equipment:-Digital Video Colposcope** | | |
|  | **Full HD Colposcope** |  |
| 1 | It Should be Full HD Technology with CMOS Sensor. | No Change |
| 2 | It Should be HDMI Video transfer on screen. | No Change |
| 3 | It Should be 1080p Resolution Sensor (1920x1080)/Good quality | No Change |
| 4 | It Should be Aspect Ratio 16:9 | No Change |
| 5 | It Should be 21.2 Mega Pixels | No Change |
| 6 | It Should be No need of Dongle & Capture Card | No Change |
| 7 | It Should be 5 Grades of green Filter | No Change |
| 8 | It Should be USB3.0 port for transfer HD video speed of 4.8 gaps to the PC or Laptop. | No Change |
| 9 | It Should be Recommended Lamp life 50000 hours or max. | No Change |
| 10 | It Should be Highest quality 1-52x Magnification. | No Change |
| 11 | It Should be Progressive Scanning Lines. | No Change |
| 12 | It Should be Latest Digital Matrix Processor. | No Change |
| 13 | It Should be Fine Advance & fast Auto/Manual focus Fine Technology. | No Change |
| 14 | It Should be E Flips & Mirror image Facility. | No Change |
| 15 | It Should be Display of genuine tissue color and tone. | No Change |
| 16 | It Should be Corner to Corner Uniform Brightness. | No Change |
| 17 | It Should be Real time display of magnification. | No Change |
| 18 | It Should be Acetic acid Test Timer | No Change |
| 19 | It Should be Electronic Green Filter with no light loss. | No Change |
| 20 | It Should be Black Morphological filter. | No Change |
| 21 | It Should be Minimum illumination 0.1 Lux. | No Change |
| 22 | It Should be Remote control. | No Change |
| 23 | It Should be Foot Witch. | No Change |
| 24 | Digital Video Colposcope should be European CE Certificate from Notified body registered in European Commission/USFDA approved/BIS | (a) USFDA/European CE(issued by notified body)/BIS Certified.  (b) 9001:2008/ISO 13485 (from NABCB accredited CBs.) |
|  | **Multi- function Image processing software** |  |
| 1 | It Should be integrated Management of View Examination, image capture & Freeze, Recording, Observation, Processing. | No Change |
| 2 | It Should be Can be integrated to LAN and HIS and HIS. | No Change |
| 3 | It Should be Reference pictures library to help user. | No Change |
| 4 | It Should be Statistics mode with automatic flow chart facility is provided. | No Change |
| 5 | It Should be Printing of Multi Format photo report with Hammond graph Report. | No Change |
| 6 | It Should be Powerful Comparison to compare. | No Change |
| 7 | It Should be Colposcopy REID & SWEDE Evaluation. | No Change |
| 8 | It Should be Report can be e-mailed as well. | No Change |
| 9 | Digital video colposcope and Image processing software shall be from same manufacturer. | No Change |
|  | **Computer with printer, ups, trolley.** |  |
| 1 | Should Have 21” color TFT/LDC/LCD flat panel Monitor. | No Change |
| 2 | Should Have Microsoft Windows 10. | No Change |
| 3 | Should Have 500GB Hard Disk. | No Change |
| 4 | Should Have Intel Core i7 Processor or better. | No Change |
| 5 | Should Have 8GB Ram. | No Change |
| 6 | Inkjet Colored Printer. | No Change |
| 7 | Trolley with good quality. | No Change |
| 8 | Training about instrument free of cost. | Deleted |
| 9 | Demo instrument should be given in front of technical committee before final approval. | Deleted |