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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-VIII**

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 for different Govt. Medical Colleges and Hospitals of Bihar vide Notice Inviting Tender No.-BMSICL/2019-20/ME-141. A TSC meeting was held on 06.11.2019. In the meeting some technical specification amendments have been made as per the Annexure-I of this corrigendum. In order to facilitate maximum participation of bidders the tender schedule is being revised as follows:-

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| --- | --- |
| Tender Reference No.  | **BMSICL/2019-20/ME-141** |
| Date and time for downloading of bid document  | **Up to 20th November 2019 till 17:00 Hrs.**  |
| Last date and time of submission of online bids | **21st November 2019 till 17:00 Hrs.**  |
| Last date and time of submission of original documents of EMD, Tender Fee and Document. | **22nd November 2019 till 14:00 Hrs.**  |
| Date, Time and Place of opening of Technical Bid | **22nd November 2019 (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**  |

**Note:-**Please refer to the **Annexure-I (Re-amendments)** of this corrigendum before submission of

 bid.

 **Sd/-**

**GM (Procurement)**

 **BMSICL**

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| **Annexure-I** |  |
| **Name of Equipment -Automated Blood Cell Counter 5 Part**  |  |
| **Sl no.**  | **Technical Specification after amendments** | **Technical Specification re-amendments**  |  |
| **1. Technical Characteristics (specific to this type of device)** |  |
| 1 | Proposed change: system should be 5 part differential with absolute and percentage counts for reticulocytes and individual WBC differentials along with atypical parameter like Blast 5% &# and atypical lymphocytes % &# submision: Quoted specification seems incomplete without parameters required. | No Change |  |
| 2 | 24 parameters, all different WBC’s should be measured directly along with added accuracy, reliability and interpretation through following advantages: a) Reticulocyte count # and % availability with facility to consume reagent only when reticulocyte test is ordered and not in all CBC tests and ON/OFF. B) Scattergram and histogram for RBCs as well as platelets. c) ability to detect atypical scattering due to malaeial parasitic infection along with flag. Proposed change:-24 parameters, all different WBC’s should be measured directly along with optical method/impendencementry/doublehydrodynamicsequencel system (DHSS), system shall be able to detect and flag samples with malarial parasite. | 24 parameters, all different WBC’s should be measured directly along with added accuracy, reliability and interpretation through following advantages: a) Reticulocyte count # and % availability with facility to consume reagent only when reticulocyte test is ordered and not in all CBC tests and ON/OFF. B) Scattergram and histogram for RBCs as well as platelets. c) ability to detect typical scattering due to malarial parasitic infection and accordingly flag the same. Proposed change:-24 parameters, all different WBC’s should be measured directly along with optical method should be able to detect and flag samples with malarial parasite.   |  |
| 3 | Advanced, integrated self –cleaning system.using not more than 6 reagents for measurement (including reticulocyte) and cleaning should have off board reticulocyte reagent. | No Change |  |
| 4 |    On –screen patient results trending. | No Change |  |
| 5 | Stores 5,000 test results with histograms and scatter grams | No Change |  |
| 6 |    Integrates with common practices management systems. | No Change |  |
| 7 | Maximum sample required 100 micro liter sample size permits whole blood analysis from venous collections. | No Change |  |
| 8 |   Parameters Total leukocytes ( White Blood Cells) and Differential ( In absolute numbers and %) for: | No Change |  |
| 9 |   Sample Material Capillary or venous (EDTA) whole blood. | No Change |  |
| 10 |  Linearity of all parameters. | No Change |  |
| 11 |   Measuring time within 60 sec. | No Change |  |
| 12 |   System must have throughput of at least 75 samples per hour in all discrete modes. | No Change |  |
| 13 |  Manual mode. | No Change |  |
| 14 |  Stat mode. | No Change |  |
| 15 | Pre-diluted mode and whole blood mode. | No Change |  |
| **2. User’s Interface** |  |
|   | Printer, Keyboard, barcode reader, PC. | No Change |  |
|   | **3. Software and/or standard of communication (where ever required)- NA** |  |
| **3. PHYSICAL CHARACTERISTICS** |  |
| 3.4 | Heat Dissipation: Should maintain nominal Temp and the heat should be disbursed through an cooling mechanism. | No Change |  |
| 3.5 | Mobility, portability | No Change |  |
| **4. ENERGY SOURCE (electricity, PS, solar, gas, water, C02…)** |  |
| 4.1 | Recharging unit: Input voltage- single/3-phase. | No Change |  |
| 4.3 | Tolerance (to variations, shutdowns)= +-10% | No Change |  |
|  |
| 4.5 | **Operating temperature**   |  |
|  |
|   | Analyzer: 4-50C degree (39-122 F degree). | No Change |  |
|   | Capillary samples from finger stick: 18-25 C degree (67-77 F degree). | No Change |  |
| 4.7 | Power consumption (Upto 500VA) | No Change |  |
| **5. ACCESSORIES, SPARE PARTS, CONSUMABLES** |  |
| 5.1 |  2D- Barcode Scanner | No Change |  |
|  |
| 5.2 | Reagent consumption chart for 50 tests per day (including two times ON/OFF) should be provided and price evaluation will be done on the basis of cost of equipment + Cost of CMC(4 TO 10 yrs) + Cost of Reagent for a period of 10 years considering 18250 test in one year(@50test/day). The finaliation of L-1 will be calculated on the basis of price quoted by bidder in financila bid sheet as unit cost of machine (one times), CMC Cost (4-10 yrs.) and reagent cost for 182500 test in ten yrs. | No Change |  |
| 5.3 |    Closed System rates to be closed for all test. | No Change |  |
| 5.4 |   Online UPS System for 30 minutes back up. | No Change |  |
| **BIDDING/PROCUREMENT TERMS/DONATION REQUIREMENTS** |  |
| **6. ENVIRONMENTAL AND DEPARTMENTAL CONSIDERATONS** |  |

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| 6.1 |     Operating condition: Capable of operating continuously in ambient temperature of 10 to 50 deg C and relative humidity of 15 to 90% in ideal circumstances. | No Change |
| 6.2 |    Storage condition: Capable of being stored continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90% | No Change |
| 6.3 |    Disinfection: Parts of the Device that are designed to come into contact with the patient or the operator should either be capable of easy disinfection or be protected by a single use/disposable cover. | No Change |
| 6.4 | User’s care, Cleaning, Disinfection  | No Change |
| **7. STANDARDS AND SAFETY** |
| **7.1** |  Product Should be FDA &CE ( with notified body) approved product. | No Change |
| **7.2** | Should be FDA &CE ( with notified body) approved product. | No Change |
| **7.3** | Shall meet internationally recognized for Electromagnetic Compatibility (EMC) for electromedical equipment: 61326-1. | No Change |
| **7.4** |   Certified to be compliant with IEC 61010-1, IEC 61010-2-281, 61010-2-101 for safety. | No Change |
| 7.5 | Manufacturer/Supplier should have ISO certificate for quality standard. | No Change |
| **8. TRAINING AND INSTALLATION** |
| 8.1 | Pre-installation requirements: nature, values, quality, tolerance | No Change |
|
| 8.2 | Certificate of calibration and inspection from the manufacturer. | No Change |
| 8.3 | Training of staff (medical, paramedical, technicians) | No Change |
|
|   | **9. WARRANTY AND MAINTENANCE :-** |
|   | 3 Years, including all spares and calibration. | No Change |
|   | **10. Documentation** |
|   | **10.1 Operating manuals, service manuals, other manuals.** |
|   | Should provide 2 set ( hardcopy and soft-copy)  |
|   | 1)      User, technical and maintenance manuals to be supplied in English/Hindi language along with machine diagrams; | No Change |
|   | 2)      List of equipment and procedures required for local calibration and routine maintenance. | No Change |
|   | 1)      Service and operation manual (original and copy) to be provided. | No Change |
|   | 2)      Advanced maintenance tasks documentation. | No Change |
|   | 3)      Certificate of calibration and inspection. | No Change |
|   | **10.2 Other accompanying documents** |
|   | List of important spares and accessories, with their part numbers and cost. |
|   | **11. Notes** |
|   | **11.1 Service support contact details (Hierarchy wise; including a toll free/landline number)** |
| 11.1a | Contact details of manufacturer, supplier and local service agent to be provided. | No Change |
| 11.1b. | Three Years Comprehensive warranty and Seven Years CMC  | No Change |
|   | **11.2 Recommendation or warnings** |
| 11.2a | Any warning signs would be adequately displayed.  | No Change |