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### **Corrigendum-II**

Bihar Medical Services and Infrastructure Corporation Limited (BMSICL) had invited E-Bids from the interested parties for Procurement, Rate contract, Supply, Installation of Medical Equipment vide Re-Tender No.-BMSICL/2024-25/ME-408. 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.

**Note:-**

- 1. Bidders are advised to refer to the Annexure-I of this corrigendum before submission of bid.**
- 2. Those who have submitted their bids are requested to re-submit their bids in accordance with this corrigendum.**

**Annexed:- as above**

**GM (Procurement)**

| <b>Annexure-I</b>                                                       |                                                                                                                                                                                                                                     |                                                                                                         |
|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| <b>1. Name of Equipment :- Polymerase Chain Reaction (PCR) Analyser</b> |                                                                                                                                                                                                                                     |                                                                                                         |
| <b>Sl. No</b>                                                           | <b>Technical Specification as per tender</b>                                                                                                                                                                                        | <b>Final Amendment</b>                                                                                  |
| 1                                                                       | An automated system for both PCR and post-PCR end-point analysis, using in-built Peltier based PCR machine.                                                                                                                         | Molecular system should be based on Nested multiplex PCR technology.                                    |
| 2                                                                       | The system should support applications including absolute and relative quantitation, multiplex-PCR allelic discrimination (SNP), melt curve analysis, pathogen detection and plus/ minus assays using an internal positive control. | No Change                                                                                               |
| 3                                                                       | Peltier thermal cycling for Fast-PCR as well as Standard-PCR run available in the same block. 40 cycles in less than 40 minutes as well as Standard-PCR run of 40 cycles in less than two hours.                                    | Should have minimum manual hands-on time less than 5 min and results should be available within 70 mins |
| 4                                                                       | The system should have temperature range of 4-100 degrees C with peak block ramp rate for heating as well as cooling exceeding 4degrees C /second.                                                                                  | No Change                                                                                               |
| 5                                                                       | Reaction volume should be approximately in the range of 10-30 µL and can run the templates from different sources simultaneously.                                                                                                   | No Change                                                                                               |
| 6                                                                       | The system should support micro well plates, individual tubes and 8-tube strips.                                                                                                                                                    | The System should support both 0.1 and 0.2-ml tubes/strips/plates in single block.                      |
| 7                                                                       | The System Should provide Touch Screen LCD Feature or Desktop/Laptop for System Control, operation, analysis and net-working of multiple system.                                                                                    | No Change                                                                                               |
| 8                                                                       | Instrument should be supplied with a separate Desktop.                                                                                                                                                                              | No Change                                                                                               |
| 9                                                                       | Remote monitoring to analyse data by online web-browser based software or cloud-based data access browser should be available.                                                                                                      | No Change                                                                                               |
| 10                                                                      | USB port for data export to Power point, Excel or JPEG formats should be present.                                                                                                                                                   | No Change                                                                                               |
| 11                                                                      | The system should be complete with licensed software's for designing probes and primers.                                                                                                                                            | No Change                                                                                               |
| 12                                                                      | System should be capable of operating in test development and IVD modes with enhanced security to enable compliance with regulations.                                                                                               | No Change                                                                                               |
| 13                                                                      | It should be an open system to use reagents from any manufacturer.                                                                                                                                                                  | No Change                                                                                               |
| 14                                                                      | System should be calibrated for common dyes of broader wavelength excitation and emission spectrum.                                                                                                                                 | No Change                                                                                               |
| 15                                                                      | Excitation Light source –Laser / LED.                                                                                                                                                                                               | No Change                                                                                               |
| 16                                                                      | Change of position, block or chemistry should not require calibration or tools.                                                                                                                                                     | No Change                                                                                               |
| 17                                                                      | The system should be capable of operating at ambient temperatures of 20-30 degrees C and relative humidity of 80%.                                                                                                                  | No Change                                                                                               |
| 18                                                                      | Power input to be 220-240VAC, 50Hz fitted with Indian plug.                                                                                                                                                                         | No Change                                                                                               |

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|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| 19                                                       | Compatible online UPS with maintenance free batteries for minimum one-hour back-up should be supplied with the system.                                                                                                                                                                                                                                | No Change              |
| 20                                                       | 1. System should have US FDA/ EUCE (Issued by notified body)                                                                                                                                                                                                                                                                                          | No Change              |
| 21                                                       | 2. CE-IVD (optional)                                                                                                                                                                                                                                                                                                                                  | No Change              |
| <b>2. Name of Equipment :- Interval Timer</b>            |                                                                                                                                                                                                                                                                                                                                                       |                        |
| <b>Sl. No</b>                                            | <b>Technical Specification as per tender</b>                                                                                                                                                                                                                                                                                                          | <b>Final Amendment</b> |
| 1                                                        | It should be Programmable.                                                                                                                                                                                                                                                                                                                            | No Change              |
| 2                                                        | It has maximum count up time & Down time of 23 hours 59 min 59 sec.                                                                                                                                                                                                                                                                                   | No Change              |
| 3                                                        | Should have large LCD display.                                                                                                                                                                                                                                                                                                                        | No Change              |
| 4                                                        | Should have easy setting.                                                                                                                                                                                                                                                                                                                             | No Change              |
| 5                                                        | Clock feature with 12/24-hour format.                                                                                                                                                                                                                                                                                                                 | No Change              |
| 6                                                        | Manufacturer should have ISO (NABCB accredited) certificate.                                                                                                                                                                                                                                                                                          | No Change              |
| <b>3. Name of Equipment :- Electric Needle Destroyer</b> |                                                                                                                                                                                                                                                                                                                                                       |                        |
|                                                          | <b>Product Quality and safety Standard certification:</b>                                                                                                                                                                                                                                                                                             |                        |
| 1                                                        | The quoted model should be either “USFDA approved (Device listed with registration under valid FEI number)” or “European CE certified” or equivalent BIS.                                                                                                                                                                                             | No Change              |
| 2                                                        | The quoted model should have IEC 60601 certified for Electrical safety or equivalent BIS standards.                                                                                                                                                                                                                                                   | No Change              |
|                                                          | <b>Manufacturer Quality standard certification:</b>                                                                                                                                                                                                                                                                                                   | No Change              |
| 3                                                        | The manufacturer of the quoted product should have EN ISO 13485 certificate issued from a notified body or ICMED 13485 (with or without plus) certificate issued from certification bodies accredited by NABCB or ISO 13485 certificate issued from certification bodies accredited by NABCB/Nationally Recognized Accreditation Board under IAF MLA. | No Change              |
| 4                                                        | The quoted medical device must be registered under CDSCO and submit the license for manufacture to sale or distribute the medical device. If not registered, the acknowledgment copy of the online application for the said registration must be uploaded in the bid.                                                                                 | No Change              |
| 1.                                                       | Should be Portable and electrical type.                                                                                                                                                                                                                                                                                                               | No Change              |
| 2.                                                       | Principle of operation should be Electro-melting type.                                                                                                                                                                                                                                                                                                | No Change              |
| 3.                                                       | Material of the Housing /enclosure should be ABS Plastic.                                                                                                                                                                                                                                                                                             | No Change              |
| 4.                                                       | Housing/enclosure shall be molded type and shock proof.                                                                                                                                                                                                                                                                                               | No Change              |
| 5.                                                       | Provision to burn the needles and to cut the syringe tips shall be provided in the unit.                                                                                                                                                                                                                                                              | No Change              |
| 6                                                        | Number of needles of 1mm dia and 80mm length that can be destroyed in continuous operation of 5 minutes                                                                                                                                                                                                                                               | No Change              |
| 7.                                                       | Transformer winding should be copper.                                                                                                                                                                                                                                                                                                                 | No Change              |
| 8.                                                       | Sizes of injection needles of all kinds which can be destroyed (Dia Ranging from 0.4mm to 1.6mm (26 SWG to 14 SWG) with length 12.5mm to 80mm).                                                                                                                                                                                                       | No Change              |
| 9.                                                       | Power supply should be 207V to 253V, 50Hz AC supply.                                                                                                                                                                                                                                                                                                  | No Change              |
| 10.                                                      | Power ON/OFF switch with indicator shall be provided.                                                                                                                                                                                                                                                                                                 | No Change              |
| 12.                                                      | Rated power (Watts) must be 60 watt.                                                                                                                                                                                                                                                                                                                  | No Change              |
| 12.                                                      | Shall be provided with fuse and power cord of min 3m length and earthing point.                                                                                                                                                                                                                                                                       | No Change              |