



**Bihar Medical Services & Infrastructure Corporation  
Limited 2<sup>nd</sup> & 3<sup>rd</sup> Floor, Swasthya Bhawan, Behind IGIMS,  
Sheikhpura, Adjacent to State Health Society, Patna-  
800014, Bihar, Phone/Fax: +91612 2283287, 2283288**

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### **Corrigendum-II**

Bihar Medical Services and Infrastructure Corporation Limited (BMSICL) had invited E-Bids from the interested parties for Supply, Installation & Commissioning of Medical Equipment was floated vide **Tender No.-BMSICL/2024-25/ME-409**. 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. In order to facilitate maximum participation of bidders tender schedule is being revised as following:-

|                                                                                         |                                                                                                                                                           |
|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tender Reference No.                                                                    | <b>BMSICL/2024-25/ME-409</b>                                                                                                                              |
| Last date and time of submission of online bids                                         | <b>22<sup>nd</sup> May 2025 till 17:00 Hrs.</b>                                                                                                           |
| Last date and time of submission of original documents of EMD, Tender Fee and Document. | <b>23<sup>rd</sup> May 2025 till 14:00 Hrs.</b>                                                                                                           |
| Date, Time and Place of opening of Technical Bid                                        | <b>23<sup>rd</sup> May 2025 (at 15:00 Hrs.) on the website of <a href="https://eproc2.bihar.gov">https://eproc2.bihar.gov</a> in the office of BMSICL</b> |
| Date and time of opening of financial Bids                                              | <b>To be announced later on <a href="https://eproc2.bihar.gov">https://eproc2.bihar.gov</a></b>                                                           |

Sd/-  
**GM (Procurement)**  
**BMSICL**

### **Annexure-I**

| <b>Name of Equipment:- Horizontal Rectangular Sterilizer</b> |                                                                                                                                                                                                                                  |                                                                                                                                                                                |
|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SI. No</b>                                                | <b>Technical Specification as per tender</b>                                                                                                                                                                                     | <b>Final Amendment</b>                                                                                                                                                         |
| 1                                                            | Horizontal Rectangular High Pressure Sterilizer.                                                                                                                                                                                 | No Change                                                                                                                                                                      |
| 2                                                            | Dimension of Chamber: 900 mm width x 900 mm height x 1200mm (3 x 3 x 4). Material of Chamber : AISI 316 quality Stainless Steel:                                                                                                 | Material of Chamber : AISI 316 quality Stainless Steel                                                                                                                         |
| 3                                                            | Volume of Chamber : 972 Liters approx.                                                                                                                                                                                           | Volume of Chamber : 450-500 Liters approx.                                                                                                                                     |
| 4                                                            | Door Manual hinged door, shooting bolts goes inside of door grooves and come outside through automatically through manual switch. Gasket will be tighten by floating through air pressure. Door will be seal by floating gasket. | Door manual hinged door, shooting bolts goes inside of door grooves and come outside Gasket will be tighten by air pressure. Door will be seal by floating gasket              |
| 5                                                            | Material of Door Made of Stainless steel 316 quality.                                                                                                                                                                            | No Change                                                                                                                                                                      |
| 6                                                            | Mode of cycle operation: A manual cycle operated Multi - PLC control. Minimum 15 cycles ad different parameters are available.                                                                                                   | Mode of cycle operation: A manual cycle operated Multiport valve as well as PLC control, fully automatically or both. Minimum 15 cycles at different parameters are available. |
| 7                                                            | Material of Boiler/ Steam Generator Stainless Steel, Electrical Load 42 KW                                                                                                                                                       | Material of Boiler/ Steam Generator Stainless Steel, Electrical Load not more than 60 KW                                                                                       |
| 8                                                            | Electrical Supply Requirement 3 phase 4-wires, 400-440 Volts 50 Hz A.C. Supply Sterilization Time 30 minutes at 134°C & 45 minutes at 121°C, Total cycle Time 60 minutes                                                         | No Change                                                                                                                                                                      |
| 9                                                            | Working Temperature 121°C -134°C , Working Pressure 1.2kg/Cm <sup>2</sup> 2.1Kg/cm <sup>2</sup> .                                                                                                                                | Working Temperature 121°C & 134°C, Working Pressure 1.2kg/Cm <sup>2</sup> , 2.1Kg/cm <sup>2</sup> .                                                                            |
| 10                                                           | The unit would be manufactured as per IS specification IS: 3829 (part I)                                                                                                                                                         | The unit would be manufactured as per IS specification IS: 3829 (part I) or as per European CE MDR 2017/745 or US-FDA.                                                         |
| 11                                                           | The unit will be fitted with following accessories like safety valve, vacuum breaker, vacuum dryer, dial thermometer, vacuum pump, Feed water pump cheek valve etc.                                                              | No Change                                                                                                                                                                      |

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| 12 | The unit will be mounted on tubular stand of mild steel in a ready to use condition.                                                                                                                                | No Change                                                                                                                                           |
| 13 | The sterilizer will be fitted with all necessary safety features                                                                                                                                                    | No Change                                                                                                                                           |
| 14 | HPHV (High pressure High Vacuum): HPHV is for sterilization at high temperature and better drying and created by the vacuum pump to create high vacuum of 24-26 Hg. For efficient drying and sterilization of loads | No Change                                                                                                                                           |
| 15 | The specialties of PLC following bellow:-                                                                                                                                                                           | No Change                                                                                                                                           |
| 16 | Provision of Microprocessor A microster with the facility of MMI (Main-Machine-Interface) is provide instead of annual cycle operated Multi-Port operating calve. The features are:                                 | No Change                                                                                                                                           |
| a. | The operator can Program the cycles with his choice of different settings of time temperature and corresponding pressure which can be use various contents/materials to be sterilized;6                             | No Change                                                                                                                                           |
| b. | MMI Backlit with eight digit password protection ensures control of the operator,                                                                                                                                   | Display with password protection to ensure control of the operator                                                                                  |
| c. | Will generally have six pre-set cycles of parameters for the different utilities in sterilization and can be programmed with the assistance if MMI (Main Machine Interface) through a Microprocessor                | No Change                                                                                                                                           |
| d. | Provision for digital display of temperature, time, cycle time and elapsed time for ease of operation of the cycle e.                                                                                               | No Change                                                                                                                                           |
| e. | Can be connected to a dot matrix printer which will give the entire process taken place including date, batch, program type selected etc..                                                                          | Can be connected to a dot matrix / thermal printer which will give the entire process taken place including date, batch, program type selected etc. |
| f. | Provision of error code analysis inbuilt                                                                                                                                                                            | No Change                                                                                                                                           |
| g. | Leak test' cycle provided                                                                                                                                                                                           | No Change                                                                                                                                           |
| h. | The unit would be manufactured as per specifications IS:3829 (Part-1)                                                                                                                                               | Deleted                                                                                                                                             |
| i. | The unit will be mounted on tubular stand of mild steel in a ready to use condition                                                                                                                                 | Deleted                                                                                                                                             |
| j. | The sterilizer will be fitted with all necessary safety features.                                                                                                                                                   | No Change                                                                                                                                           |

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| k. | Note: A suitable Air Compressor OR Air Intel line is required for pneumatically operated door.                        | Deleted                                                                                     |
| l. | Should be provided by the customer                                                                                    | Electricity & water (Inlet and outlet) connection should be provide by consignee.           |
| m. | <b>Certification:-</b> Should have USFDA/European CE (Issued by notified body)/BIS/ISO13485 from NABC approved model. | No Change                                                                                   |
|    | <b>Added Point:-</b>                                                                                                  | 1.Consumables for 500 cycles (including different kind of indicators and packing materials) |
|    |                                                                                                                       | 2.One Set of Loading & unloading cart and trolley with each unit.                           |