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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/2025-26/ME-482. 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

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

Annexure-I

Name of Equipment: - Biosafety Cabinet II A2 Type

SI. No	Technical Specification as per tender	Final Amendment
1	Microprocessor controlled, Class II Bio safety Cabinet (Type A2)	No Change
2	Floor standing model with castor wheel and lock.	No Change
3	Should have 2, 3, 4 feet wide, 2 ft deep easily removable SS 304 Worksurface	No Change
4	Mini pleat ULPA filter with particle retention better than 99.999% for 0.12 micron or above particles	No Change
5	All contaminated air paths should be in a negative pressure or covered with a negative pressure plenum	No Change
6	The vertical sliding front door of tempered glass with continuously variable height adjustment.	No Change
7	2 x 40w fluorescent light illumination and 1 x 3ft UV.	No Change
8	Body M.S with sufficient protective coating.	No Change
9	Air downflow velocity: As per standards	No Change
10	. Standard inflow velocity: As per standards	No Change
11	Work access opening min 8 inches, 10 inches preferable	No Change
12	Integral hour meter to monitor usage.	No Change
13	Touchpad switches for ease of use and cleaning.	No Change
14	Temperature-compensated, airflow velocity sensors for a dynamic display of inflow and downflow velocity.	No Change
15	Automatic dynamic compensation of airflow in the event of any blockage or filter obstruction.	No Change
16	Collection tray for spills below the work surface.	No Change
17	All transparent windows should be of tempered glass with UV Protection	No Change
18	Gas tap - one towards the back of the cabinet/Side of the Cabinet.	No Change
19	Minimum 2 nos. 5A electrical outlets should be provided inside the workspace.	No Change
20	Certification of filter integrity and proper airflow should be done after installation and traceable calibration certificate provided.	No Change
21	Timer and interlocking of the front sash for UV light should be available	No Change
22	Alarm for any out-of-range parameters	No Change
23	The equipment should be certified as per EN 12469 standards by an external authorized certifying agency.	No Change
24	USFDA/European CE (Issued by Notified body) / BIS/ISO 13485 Approved model should be offered.	No Change

Name of Equipment :- Vertical Autoclave -Portable

SI. No	Technical Specification as per tender	Final Amendment
1	Chamber volume / capacity should be 50 L or more	No Change
2	Should have stainless steel construction	No Change
3	Should have pressure gauges for measuring chamber pressure.	No Change
4	Should have safety valve and weight valve.	No Change
5	Should have 121°C working temperature at 15 psi pressure.	No Change
6	Should be operated in mains 220 – 240 V ac 50 Hz input power supply	No Change

7	Should have safety certificate EUCE issued by notified body/ISO 13485 (NABCB)/BIS	No Change
8	It should have:-	No Change
	a) doubled walled	No Change
	b) digital temperature controller	No Change
	c) Temperature controller with Timer	No Change
	d) Steam purging Automatic/Manual	No Change
Name of Equipment :- MICRO PIPETTE		
Sl. No	Technical Specification as per tender	Final Amendment
1	Spring Loaded/Universal Tip Cone for connecting tips very tightly.	No Change
2	Adjustment opening for adjusting pipettes to a specific liquid and volume. (Optional).	No Change
3	Control Button with very low operating force, Color indication for pipette volume.	No Change
4	Tip ejector with very low operating force, positioned for perfect ergonomics.	No Change
5	It should be 3/4 digit. (as it depends upon the volume ranges)	No Change
6	Perfect Piston System made out of Fortron /Stainless Steel or similar material.	No Change
7	Very easy removable lower part for cleaning pipette	No Change
8	Fully Autoclavable	No Change
9	Channel indicator to use pipette the same way round (optional)	No Change
10	Channel can be removed for adjusting the distance between channels to use it in different format (Optional	No Change
11	Volume range 0.5 – 10 uL, 10 –100 uL, 20-200 uL, 30– 300 uL,50 uL, 100 uL, 200 uL, 500ul, 1000 uL	Single channel micro pipette to Supplied (Volume range:- 0.5 – 10 uL, 10 –100 uL, 20-200 uL, 30– 300 uL,50 uL, 100 uL, 200 uL, 500ul, 1000 uL)
12	All accessories needed to make the equipment functional, must be supplied	No Change
13	USFDA/European CE (Issued by Notified body)/BIS approved model should be offered.	USFDA/European CE (Issued by Notified body)/BIS approved model should be offered. Calibrated micro pipette should be supplied along with calibration certificated of micro pipette from recognized NABL accredited laboratory.

14	The bidder must Quote rates against all required pipette in the price bid individually all pipette rates are not quoted then bidder will be considered as disqualified.	No Change
15	Separate orders shall be issued as per the need.	No Change
Name of Equipment :- Microwave Oven		
SI. No	Technical Specification as per tender	Final Amendment
1	1. Microwave Oven Capacity 30 Lt to 35 Lt.	No Change
2	2. Operating Voltage 220V-240Vac.	No Change
3	Additional Features: defrost, programmable, Child Lock, Door Type - Side Swing, Completion Beeper, Timed Cook, Cavity Light Type - LED, Control Display - LED, Control Type - Glass Touch, Control Location - Right Side, Installation Type- Countertop, Completion Beeper	No Change
4	Manufacturer should have ISO 13485/9001.	No Change
Name of Equipment :- Vortex Mixture		
SI. No	Technical Specification as per tender	Final Amendment
1	The system should be Compact, well-balanced design, and should have optimized safety features.	No Change
2	Should have low-profile with small footprint ideal for use on lab benches and within fume hoods or clean benches.	No Change
3	Should have on touch operation mode, real-time and dynamic mixing made even with a gentle touch – every point of the top surface is highly reactive to gentle touch due widely build in the sensitive sensor.	No Change
4	Should have selective mixing modes with variable speed control knob like Touch / continuous /high-continuous.	No Change
5	Should have built-in LED lamps in for easy recognition of the mixing mode selected.	No Change
6	Should have sparkles BLDC motor for safety, quick acceleration, and low maintenance	No Change
7	Should have built-in safety features against overload and over current.	No Change
8	Should be chemically resistant polypropylene molded exterior.	No Change
9	Should come with a platform.	No Change
10	Speed range(rpm) should be Max.3000rpm	No Change
11	Should have Speed control scale	No Change
12	Should have orbital motion	No Change
13	Orbit size should be 4/0.16 (mm, inch, Día)	No Change
14	The maximum load should be 1 kg	No Change
15	Motor rating input/ output(W) should be 12/6	No Change
	a. The platform should be silicone	No Change
	b. The body should be polypropylene	No Change
	c. Motor type should be BLDC (Brushless Direct Current)	No Change
16	Manufacturer should have ISO 13485(NABCB) accredited	No Change
Name of Equipment :-Weighing Balance		
SI. No	Technical Specification as per tender	Final Amendment
1	Weighing capacity 220g or more with minimum display 0.1mg or better.	No Change

2	Calibration weight: Internal.	No Change
3	Standard deviation :0.1 mg or better.	No Change
4	Minimum weight: 30 mg or better with overload protection. Typical response time: Maximum 5 second.	No Change
5	Operating Temperature: 5 to 40° C.	No Change
6	Display: LCD.	No Change
7	Weighing pan of SS make removable type.	No Change
8	Pan size around 90mm.	No Change
9	Sensitivity stability against Temperature range +/- 0.2mg/° C.	No Change
10	Repeatability (For low loads)0.015mg(5g).	No Change
11	Glass of acrylic shield protection from all side.	No Change
12	USFDA/European CE (Issued by Notified body) / BIS/ISO 13485 Approved model should be offered.	No Change

Name of Equipment :- Table Top Centrifuge

Sl. No	Technical Specification as per tender	Final Amendment
1	Should have a maximum speed of 3000 or more RPM with steeples regulator	No Change
2	Should be supplied with safety lid and lock. (Brushless Motor)	No Change
3	Should have digital speedometer and timer.	No Change
4	Should have imbalance detector and automatic cut off.	No Change
5	Should work on a220VAC +/- 10 %, 50Hz AC Supply.	No Change
6	US FDA (510K) / European CE(Issued from notified Body/ISO :13485 NABCB Approved model should be offered.	No Change
7	Rotors-Swing –out Rotor	No Change
8	Minimum 16 nos. of wells should be present in the Centrifuge Machine	No Change

Name of Equipment :- Mili Water Purification System

Sl. No	Technical Specification as per tender	Final Amendment
1	Water purification system should be capable of producing 18.2 megaohm resistivity with pre-treatment cartridge, Reverse Osmosis, and mixed bed ion exchange resins and activated carbon in a pack, with feed water acceptance of up to 2000 micro Siemens conductivity, Fouling Index (SDI)<12, Total Chlorine < 1 ppm	No Change
2	The system should be able to produce type 1 water and Type 2 directly from Tap water, Type 2 water should have a recirculation motion to avoid contamination.	No Change
3	All required consumables, Spares, and accessories shall be replaced free of cost in the warranty and CMC period. Adequate prefilter shall be provided depending upon the water quality.	No Change
4	Detailed indication of all the components, Accessories & Consumables to be mentioned separately along with the technical bid.	No Change
5	Type 2 water flow rate should be 3 liters/ hour.	No Change

6	Water Specification	No Change
	a. Conductivity :<0.055 uS/cm	No Change
	b. TOC : <10 ppb	No Change
	c. Bacteria : <0.1 cfu/ml	No Change
	d. Pyrogen :<0.001 Eu/ml	No Change
	e. RNase : <0.01 ng/ml	No Change
	f. Flow Rate : 0.5 L/min	No Change
	g. Particulates>0.22 u : <1 p/ml.	No Change
7	USFDA/European CE (Issued by Notified body) / BIS/ISO 13485 Approved model should be offered.	No Change