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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 for different Govt. Institutions of Bihar vide Notice Inviting Tender No.- BMSICL/2023-24/ME-317. During and after 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, who after due deliberation recommended certain amendments in the technical specification of the equipment, which are annexed as Annexure-I of this corrigendum. In order to facilitate maximum participation of bidders the tender schedule is being revised as follows:-

Tender Reference No.	BMSICL/2023-24/ME-317
Last date and time of submission of online bids	18th September 2023 till 17:00 Hrs.
Last date and time of submission of original documents of EMD, Tender Fee and Document	19th September 2023 till 14:00 Hrs.
Date, Time and Place of opening of Technical Bid	19th September 2023 (at 15:00 Hrs.) on the website of https://eproc2.bihar.gov.in in the office of BMSICL
Date and time of opening of financial Bids	To be announced later on https://eproc2.bihar.gov.in

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 - Microwave Based Medical Waste Sterilization System			
SI. No	Technical Specification as per tender		Final Amendment
16	DOCUMENTS ESTABLISHING BIDDER'S QUALIFICATION		
	<p>16.1 Pursuant to ITB Clause 12, the bidder shall furnish, as part of its bid, documents establishing the Bidder's qualification to perform the Contract if its bid is accepted.</p> <p>The documentary evidence of the Bidder's qualifications to perform the Contract shall establish to the Purchaser's satisfaction that:</p>		No Change
	SECTION II- GENERAL CONDITIONS OF CONTRACT		
14	WARRANTY/ SHELF LIFE		No Change
	14.2 This warranty shall remain valid for three years after the goods or any portion thereof as the case may be, from the date of commissioning and acceptance at the final destination indicated in the contract.		No Change
	SPECIAL CONDITIONS OF CONTRACT		
	2. No Exemption from payment of EMD, tender fees is permitted except in case of MSME registered manufacturing unit located in Bihar which will be guided by Bihar Industrial Investment Policy, 2016 as amended in 2020 for promoting industrial development in the State for the Technical Qualification, EMD, and TENDER FEES. Copy of the said policy may be seen on the website http://industries.bih.nic.in .		No Change
	MEDICAL DEVICE SPECIFICATION		
	(NHSRC, Govt. of India Format)		
	(Including Information on the following where relevant/appropriate, but not limited to)		No Change
	Device Type: Stand Alone Microwave Mobile Medical-waste Disinfection System (MMDS)- 20 lit capacity		Device Type: Stand Alone Microwave Mobile Medical-waste Disinfection System (MMDS)- 35 lit or more capacity
	GENERAL		
1	USE		
1.1	Clinical purpose	1. Disinfection of medical waste (med-waste) at point of generation (POG).	No Change
		2. Treats waste for upto 80 bedded hospitals.	Deleted
		3. Disinfects plastics, glass, laboratory waste, Blood Bags, like live or attenuated vaccine, culture plates, cell cultures, Petridishes, vaccutainers, Culture Media bottles, hospital linen etc.	No Change

		4. Compliant to G.S.R. 343(E). [28-03-2016] : Bio-Medical Waste Management Rules, 2016 (BMWM Rules, 2016)	No Change
1.2	Used by clinical department/ward	District Hospitals/Sub District Hospitals/Blood banks/Infectious Wards/ICCU units/Genetic Research Labs/Dialysis, All laboratories viz. Microbiology/ Virology Labs/ Genetic Research Labs/ Biochemistry labs/Clinics/CHC's/OT complexes/OPD.	No Change
2	TECHNICAL CHARACTERISTICS		
2.1	Technical characteristics (specific to this type of device)	1. Processing capacity: not less than 20-litre/cycle	Processing Capacity: 35 litre/cycle or Higher
		2. Cycle time: 7-30 mins	No Change
		3. Working temperature: 70 ⁰ - 100°C	No Change
		4. The unit Microwave Generators comprises the following:	No Change
		- HF Output: 1.5 kW	No Change
		- Minimum Frequency: 2450 MHz	No Change
		5. Electrical Requirements:	No Change
		- Inputs Voltage : 230 Volts,50Hz	No Change
		-Current : 16 Amp single phase power line.	No Change
2.2	Technology Automation	1. To mitigate Operator Risk: Funnel movement must be automated with zero human contact	No Change
		2. Front door lock must be electronic to avoid accidental opening of the door during the radiation/treatment of waste.	No Change
		3. Should have safety locks and overheating protection system.	No Change
		4. Should have Zero emission & discharge.	No Change
		5. Specially designed closed loop water ejector system for the microwave chamber to avoid discharge of any fumes/gases to the atmosphere.	No Change
2.3	Disinfection Log	10 ⁵ to 10 ⁷ log	No Change
2.4	User's interface	Touch display panel with push button, lamps/Cautions etc.	No Change
2.5	Software and/or standard of communication (where ever required)	PLC based automatic operation with online temperature and cycle recording with inbuilt printer.	No Change

2.6	Disinfection Cycles	Model quoted must have dedicated pre-programmed disinfection cycles to be operated with one touch of a button on HMI.	No Change
		1. Bio-Medical Waste Disinfection	No Change
		2. Blood Bag Disinfection	No Change
		3. BD-Bactec / Mccterney bottles disinfection	No Change
		4. Linen Disinfection	No Change
		5. Laboratory Waste Disinfection	No Change
		6. TB Sputum Disinfection cycle (validated by TB Authority)	No Change
		7. N-95 Sterilisation	No Change
		8. PPE Kit Sterilisation	No Change
		To ascertain patient & User safety all above 7 cycles must have Test report of efficacy validated from CSIR/ICMR/NCDC, issued at least 1 yr before the date of tender publishing. Self-attested certified copy of the test report to submitted with the techno-commercial offer.	To ascertain patient & User safety all above 7 cycles must have Test report of efficacy validated from CSIR/ICMR/NCDC/CPCB Approved Lab, issued after the date of tender publishing. Self-attested certified copy of the test report to submitted with the techno-commercial offer.
3	PHYSICAL CHARACTERISTICS		
3.1	Dimensions (mm)	(HxWxD) 905 mm x 1065 mm x 680 mm	Deleted
3.2	Vapour Emission	Zero emission. Operates with a built in water container & steam condenser.	No Change
3.3	Mobility, portability	Desktop Model model; Ideal for Point of Generation Treatment	No Change
4	ENERGY SOURCE		
4.1	Power Requirements	The unit works on a single phase simple 16Amp/1.5 kW power line with stable input voltage of 230V, 50 Hz.	No Change
4.3	Tolerance (to variations, shutdowns)	NA	No Change
4.4	Protection	Standard earthing protection with built in circuit breaker	No Change
4.5	Installed Power	1-1.5 kW	No Change
4.6	Stabilizer	3 KVa Servo Stabilizer with voltage range 160-270V. Output Voltage-230V with +/-2% accuracy. To be provided by the consignee	No Change

ACCESSORIES, SPARE PARTS CONSUMABLES,			
5.1	Accessories	2 microwaveable plastic, customised Bin : 20 Lit capacity.	2 microwaveable plastic, customised Bin : 35 Lit or higher capacity
6	ENVIRONMENTAL AND DEPARTMENTAL CONSIDERATIONS		
6.1	Atmosphere / Ambiance (air conditioning, humidity in ideal circumstances)	Capable of operating continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90% in ideal circumstances	No Change
6.2	User's care, Cleaning, Disinfection & efficacy testing procedure	Instruction provided in Operator's manual	No Change
7	STANDARDS AND SAFETY		
7.1	Certificates (pre-market, sanitary, ..); Performance and safety standards (specific to the device type); Local and/or international	1. As per GO no:X.11035/379/2015/DFQC Dated: 20/02/2018, the offered equipment should be ICMED plus	No Change
		2. The quoted model should be from an ISO 9001: 2015, EN -13485 certified company	No Change
		3. Test report of efficacy for all cycles validated from CSIR/ICMR/NCDC, issued at least 1 yr before the date of tender publishing.	Test report of efficacy for all cycles validated from CSIR/ICMR/NCDC/ CPCB Approved Lab, issued at least one year before the date of tender publishing.
		4. The equipment should have CE certification and design for client security & service.	The Quoted model must be from ISO 9001:2015 Manufacturer and the product must have ISO 13485:2016 from NABCB/IAF accredited agency/EU CE with 4 digit Notified Body Number/BIS/US FDA.
7.2	Utility	The product should comply with GSR Notification 343 E and must have dedicated cycles such as blood bag Microbiology Waste, Bactec / Culture Bottles etc so that compliance of records/ cycle can be recorded with the time and date of treatment in compliance to the aforesaid GSR notification.	No Change

8	TRAINING AND INSTALLATION		
8.1	Pre-installation requirements: nature, values, quality, tolerance	Stabilized power line of 230 volts with 16 Amp/160 Hz power supply. Critical Medical Equipment. Stabilizer required to improve site power quality. Price to be quoted separately.	No Change
8.2	Requirements for sign-off	User training manual is supplied.	No Change
8.3	Training of staff (medical paramedical, technicians)	Technical training provided for the staff employed at the time of installation.	No Change
8.4	Efficacy Performance	1. Latest Efficacy report, from a Govt. institute/ validation agency expert expert on clinical subjects & authentication, (not older than 1 year from the date of installation) for waste treated using the quoted product, should be submitted at the time of quoting tender & handed over to consignee during installation.	No Change
		2. Efficacy testing of the machine installed, should be done at the consignee location at the time of installation, using ready to use media.	No Change
9	WARRANTY AND MAINTENANCE		
9.1	Warranty	2 year warranty	This warranty shall remain valid for three years.
9.2	Maintenance tasks	included in warranty period	No Change
9.3	Service contract clauses, including prices	included in price quoted for warranty period.	No Change
10	ELIGIBILITY CRITERION		
10.1	OEM Turn Over	The minimum average annual financial turnover of the OEM/bidder during the last three years, ending on 31st March of the previous financial year, should be average 10 Crores per Annum with certified Audited Balance Sheets.	Deleted
		In case of start ups/the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be 3 Crores Per Annum taken into account for this criteria.	

10.2	Past Performance/ Experience	The OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same Category Microwave technology Products to any Central/ State Govt Organization / PSU / Public Listed Company for the last 2 Financial Yrs. The quoted product must have atleast 20+ Nos installation in various reputed govt organizations in any one of the the last 2 yrs and should be working satisfactorily. Products with Installations in AIIMS hospitals will be given preference. Order Copies & Performance Certificates enclosed shall be given preference.	Deleted
11	DOCUMENTATION		
11.1	Operating manuals, service manuals, other	Yes, supplied at the time of installation	No Change
11.2	Recommendations for maintenance	Yes, supplied at the time of installation	No Change
12	NOTES		
12.1	Service Support Contact details (Hierarchy Wise; including helpline number)	24X7 Dedicated Helpline for Customer Support	No Change
12.2	Recommendations or warnings	All instructions are clearly provided on the machine and is included in the user manual. No special uniform is required to operate the machine.	No Change
12.3	Consumables & Accessories	Customized Biodegradable Bags - 20/45/75 L	Customized Biodegradable Bags - 35 ltr or higher
		· Specially designed, virgin plastic Microwaveable, non-chlorinated, Bio-degradable, double seam secured edges bags.	No Change
		· All bags are customized with bio-hazard sign and preprinted as per CPCB norms / BMW management rules 2016.	No Change
		· All bags of durable 55 micron thickness, Microwavable Material, ensuring puncture proof and liquid leakage.	No Change
		· Available in CPCB defined colour code of yellow, red, blue and black.	No Change

		· Available Capacity: 20 L / 45 L / 75 L or as per customer's requirement.	Available Capacity: 35 Ltr or Higher .
		Maser Bins for Microwave	No Change
		· Customized Microwave compatible Bins for dedicated utility with OptiMaser.	No Change
		· Available Capacities: 20 L / 45 L / 75 L.	No Change
		· Models: Maser Bin-10 / Maser Bin-30 / Maser Bin-60	No Change
		Maser Trolley - Stainless Steel	No Change
		· Customized Maser Trolley for transportation of Maser Bins.	No Change
		· Made of 25mm dia. Stainless Steel heavy gauge round pipe, ergonomically contoured for sleek design.	No Change
		· Dimensions: 1040mm H x 400mm W x 605mm D.	No Change
		· Retractable Bin base platform of 400mmx 360mm, with guided S.S. ring to accommodate Bin and foot operated hydraulic height adjustability.	No Change
		· All SS parts, duly buffed for polished finish.	No Change
		· Mounted with frictionless, 180mm dia smooth castors wheels & push handles with nylon sleeves for ease of carting.	No Change
		Self Contained Biological Indicators (SCBI)	No Change
		· The SCBI for monitoring efficacy of Microwave Disinfection Process consists of :	No Change
		· a) A thermo-plastic Vial containing a spore disc with 10 ⁸ population of Bacillus atropheus spores.	No Change
		· b) Modified Tripticas Soybroth (TSB) with a pH indicator as growth medium, encased in a hermetically sealed glass ampoule.	No Change
		Process Recorder Print Media	No Change
		· Description: Thermal Paper Rolls for print records customized for use with Opti Maser	No Change
		· Size: 55mm x 43 mm (dia.)	No Change
		· Length of Roll: 25 Mtr.	No Change
		· Pack Size: 12 Rolls per packet	No Change

		· Cost-effective thermal paper for ink & ribbon-free system delivering high-quality printing.	No Change
		· This innovative, fine paper is coated with an invisible layer of chemicals that changes color when it's exposed to heat, resulting in a highly accurate, crisp print time after time.	No Change
12.3	Accessories on Purchase	Optional accessories to be quoted separately Microwaveable Bins (For extra quantities) Bin transport trolleys, Digital Servo Stabilizer Hub connectivity for Concurrent audits.	No Change