

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 Tender No.-BMSICL/2024-25/ME-374. 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.	BMSICL/2024-25/ME-374
Last date and time of submission of online bids	15th October 2024 till 17:00 Hrs.
Last date and time of submission of original documents of EMD, Tender Fee and Document.	16th October 2024 till 14:00 Hrs.
Date, Time and Place of opening of Technical Bid	16th October 2024 (at 15:00 Hrs.) on the website of https://eproc2.bihar.gov in the office of BMSICL
Date and time of opening of financial Bids	To be announced later on https://eproc2.bihar.gov

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

Annexure-I

Name of Equipment:- Deep Freezer -40°C		
Sl. No	Technical Specification as per tender	Final Amendment
1	Purpose of Equipment: To Freeze or store Plasma.	No Changes
2	Must be designed specifically for blood bank use. Commercial or modified commercial freezers for other purpose are not acceptable.	No Changes
3	Type of Equipment	No Changes
i	Approved standard electrical Blood Bank plasma freezer that uses a compressor circulating CFC-free refrigerant.	No Changes
ii	Upright type	No Changes
4	US FDA/ European CE (Issued by Notified Body) approved Model should be offered.	US FDA / European CE (Issued by notified body) Approved model should be offered. The product should have an import/manufacturing license for the quoted model with a valid number from the Central Licensing Authority or State Licensing Authority of CDSCO for Medical Devices.
5	Equipment must meet electrical safety specifications of IEC 61010-1.	No Changes
6	Capacity: 300 to 450 liters.	No Changes
7	Construction	No Changes
i	Outside Corrosion Resistant Sheet at least 1 mm thick	No Changes
ii	Inside stainless steel of at least 22 G.	No Changes
iii	Insulation polyurethane foam >80mm thick, foaming agent CFC free	No Changes
iv	Double Outer Door with standard independent locking to prevent cold air from escaping.	No Changes
v.	Should be mounted on lockable caster wheels	No Changes
8	Drawers: At least four or more inside the chamber.	No Changes
9	Door	No Changes
i	Automatic/Magnetic closing at angle up to 90°.	No Changes
ii	Separate inner doors to prevent cold loss	No Changes
iii	Heating device in front to avoid condensation	No Changes
iv	Opening angle limited (e.g. <60-70%.)	No Changes
10	Electrical characteristics	No Changes
i	Compatible with Input 220 V +/- 10 %, 50 Hz Single phase AC	No Changes

ii	Should have an integrated voltage stabilizer or external stabilizer of appropriate ratings meeting ISI Specifications (Input 160-260 V and output 220 V +/- 1 % or better, 50 Hz).	No Changes
11	Internal Temperature	No Changes
i	Should be able to maintain internal temperature minus 40°C or below.	No Changes
ii	Whatever the load, setting accuracy less than or equal to 1°C.	No Changes
12	External Ambient Temperature: Can perfectly maintain internal temperature as above at full load in an ambient temperature of +10 to at least +30 °C	No Changes
13	Hold-Over Time	No Changes
i	A full load of plasma packs at -36 °C takes at least 1 hr to rise to above -20 °C	No Changes
ii	A full load of plasma packs at -36 °C takes at least 32 hrs to rise to above -5 °C	No Changes
14	Cooling Down Time	No Changes
i	A full load of plasma packs at +25°C takes a maximum of 5 hrs for all the packs to reach below -5 °C	No Changes
ii	A full load of plasma packs at +25 °C takes a maximum of 30 hrs for all the packs to reach below -20 °C	No Changes
15	Temperature monitoring, thermograph and related alarms	No Changes
i	Digital temperature (LED) display with 0.1 °C graduation.	Digital temperature (LED)/LCD display with 0.1 °C graduation.
ii	Microprocessor controlled primary temperature control	No Changes
iii	Integrated Visual AND Audible Temperature alarm systems,	No Changes
iv	There should be a method to test the alarm system	No Changes
iv	Alarm history: temperature maximum and minimum, average temperature during alarm period, time of duration of alarm	No Changes
v.	Provision to be connected to a remote monitoring system and remote alarm.	No Changes
vi	The temperature record should be electronically logged (that can be retrieved e.g. by USB port or any other port) and also documented on a physical thermograph; preferably with a 7-day graphic chart recorder with supply of free charts for full period of	No Changes
vii	Must have Battery backup for temperature recordings which is especially needed during power failure/fluctuations.	No Changes

viii	Additional Battery backup for alarm so that alarm will not fail in case of power failure, and should be able to sustain the alarm.	No Changes
16	Noise factor should not exceed 60 db	No Changes
17	At room temperature of 25°C should be able to maintain at ideal compressor.	No Changes

Name of Equipment:- Sterile connecting device		
Sl. No	Technical Specification as per tender	Final Amendment
	Product & Manufacturer Quality Standards:	
1	The quoted model should be either “USFDA approved (Device listed with registration under valid FEI number / having CFG)” or “European CE certified (where EU-CE certificate should be issued from Notified body having notified body number)” or “BIS certified conforming to the standard BIS specification/ guideline specifically for ‘Sterile Connecting device’.”	No Changes
2	The quoted model should confirm to “IEC 60601-1” or “IEC 61010” or “IS/ ISO / IEC 80601 (Part 2)” or “IS 13450 (Part 1)”.	No Changes
3	The quoted medical device must be registered under CDSCO and submit the licence to manufacture for sale or for distribution of the medical device. If not registered, the acknowledgment copy of the online application for the said registration must be uploaded in the bid.	No Changes
4	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. Operational Requirement: Sterile connecting devices produce sterile welds between two pieces of compatible tubings.	No Changes
	Technical Specification:	No Changes
1	Should able to accommodate & weld all types of blood bag PVC tubes used.	No Changes
2	Tubing sizes: 3.9 to 4.5 mm (Outer diameter) and 2.9 to 3.1 mm (Inner diameter)	No Changes
3	Mechanism and heat transfer: Two straight tubes and using a disposable wafer.	Mechanism and heat transfer: Two straight tubes and using a disposable wafer/ Waferless Technology.
4	Sterility: Wafer heated up to 300 degree Celsius to maintain sterility during cutting and welding.	Sterility: Heating up to 300-500 degree Celsius to maintain sterility during cutting and welding.
5	Welding time: less than 30 seconds	No Changes

6	Should have seamless welding.	No Changes
7	Should able to join wet-wet, dry-wet, dry-dry tubes.	No Changes
8	Welding should not cause any alteration in physical or chemical properties of the tube and should not cause hemolysis of blood.	No Changes
9	Should have indication ongoing welding process & audio-visual alarm for any functional irregularities.	No Changes
10	The welding accessories should be available with the supplier Throughout the functioning of the machine.	No Changes
11	The welding wafers of 100 nos. should be supplied with the machine free of cost for trial.	The welding wafers/Dock Counter of 100 nos. should be supplied with the machine free of cost for trial.
12	Accessories: AC power cable, Bag supports, Cassette of Wafer, Replacement Air Filter	Accessories: AC power cable, Bag supports, Cassette of Wafer/ Dock counter, Replacement Air Filter

Name of Equipment:-Refrigerated Water Bath		
Sl. No	Technical Specification as per tender	Final Amendment
	• Features: It should include timer of 2 hours fixed and variable temperature control, over temperature safety limit with audio visual alarm, power switch and digital temperature display, number of digit and resolution shall be included in the offer.	No Changes
	• Capacity: 65 liters	No Changes
	• Storage Capacity: Holds up to minimum 5 stainless steel racks.	No Changes
	• Overall interior dimension: It should be indicated by the bidder.	No Changes
	• Operating temperature: +40C control sensitivity plus minus 0.20C.	No Changes
	• Uniformity plus minus 0.20C.	No Changes
	• ambient temperature may be as high as 450C.	No Changes
	• The equipment should be able to thaw 15 plasma units in about 90 minutes.	No Changes
	The equipment should have:	No Changes
a	Stainless steel filter screen for protecting pump intake from debris such as levels etc.	No Changes
b	Stainless steel tank of 22 gauge designed with curved corners for easy cleaning.	No Changes

c	Stainless steel lid at least 20 gauge.	No Changes
d	Outside mild steel sheet of 18 gauge.	No Changes
	• The following accessories should be part of configuration	No Changes
i	Compression rack holder.	No Changes
ii	Frozen Plasma rack holder.	No Changes
iii	Thermometer for visual verification of water temperature.	No Changes
	USFDA/European CE (Issued by Notified body) approved model should be offered.	No Changes

Name of Equipment:- Hydrometer		
Sl. No	Technical Specification as per tender	Final Amendment
1	It should be Glass & intended to measure the specific gravity of urine samples.	No Changes
2	Hydrometer with scale graduations corresponding to the range of specific gravity for urine.	No Changes
3	Manufacturer should have ISO Certificated (accredited by NABCB)	No Changes