BMSICL
www.bmsicl.gov.in
md-bmsicl-bih@nic.in
5th Floor, Biscomaun Bhavan, Gandhi maidan,
Patna 800 001 Phone: +91 612 2219834
Bihar Medical Services & Infrastructure Corp Ltd.
(A Govt. of Bihar undertaking)

Corrigendum-1

Bihar Medical Services and Infrastructure Corporation Limited (BMSICL) had invited E-Bids from the interested parties for Tender for the supply of Blood Bank Equipment for different Govt. Medical Colleges and Hospitals of Bihar vide Notice Inviting Tender No.-BMSICL/2016-17/ME-046. Detailed tender document containing eligibility criteria, selection mechanism, other terms and conditions are available on the website www.eproc.bihar.gov.in. In order to facilitate the downloading of amendments as per Pre-bid meeting held on 01/03/2017, the tender scheduled is being revised as follows:-

Tender Reference No.	BMSICL/2016-17/ME-046
Date and time for downloading of bid document	Up to 23th March 2017 till 15:00 Hrs.
Last date and time of submission of online bids	30th March 2017upto 17:00 Hrs.
Last date and time for submission of original documents of EMD and Document Fee	2nd April 2017 until 14:00 Hrs.
Date, Time and Place of opening of Technical Bid	2nd April 2017 (at 15:00 Hrs.) on the website of www.eproc.bihar.gov.inin the office of BMSICL
Date and time of opening of financial Bids	To be announced later on www.eproc.bihar.gov.in

Note:- Please refer to the **Annexure- I** of this corrigendum before submission of bid

Sd/-
GM (Procurement)
BMSICL

Anexure-1

Name of Equipment :-Blood Collection Monitor

Sl. No.	Technical Specification Before amendment	Technical Specification After Amendment
3	Volume Setting: pre-selection of volume to be collected. Tarring of bag volume before collection. Tarring range: 0-600 g. Automatic storage and recall of set volume. Measure volume with best accuracy.	Volume Setting: pre-selection of volume to be collected. Tarring of bag volume before collection. Tarring range: **0-500 mL**. Automatic storage and recall of set volume. Measure volume with best accuracy.
17	Suitable Automatic Voltage regulator/stabilizer meeting ISI specifications should be supplied. Broad specifications are Automatic Type input 150-280V. Output 220V+/-7%, 50Hz. Single phase, AC with automatic 2-4 sec. Cut Off and 6-9 minutes restart delay. Quick start arrangements for bypassing the start delay. Suitable on input voltmeter and indicators on front panel. Input pore cable with 15 A Plug and six way output terminal strip for two outlets.	Suitable Automatic Voltage regulator/stabilizer meeting ISI specifications should be supplied. Broad specifications are Automatic Type input 150-280V. Output 220V+/-7%, 50Hz. Single phase, AC with automatic 2-4 sec. Cut Off and 6-9 minutes restart delay. Quick start arrangements for bypassing the start delay. Suitable MCB on input voltmeter and indicators on front panel. Input pore cable with 15 A Plug and six way output terminal strip for two outlets.
18	Certification:	
	• Product certification: CE Class II A or US FDA certified.	Product certification: CE Class I A or US FDA certified.

Name of Equipment:- Donor Couch

Sl. no.	Technical Specification Before amendment	Technical Specification After Amendment
9	Comfortable working level for the operator lifting capacity-Approx. 200kg.	Comfortable working level for the operator lifting capacity-Approx. 150- 200 kg.
10	Certifications:	
	Product certification CE class II A or US FDA certified	Product certification CE class II A or US FDA certified

Name of Equipment- Digital pH Meter

Sl. no.	Technical Specification Before amendment	Technical Specification After Amendment
6	Should have digital LED display.	Should have digital 3 line LED display.
		12. Water Proof IP-67 Coated

Name of Equipment: -PlasmaThawing Bath

Sl. no.	Technical Specification before amendment	Technical Specification after Amendment
3	Capacity of minimum 10 to 15 plasma bags with rack holders	Capacity of minimum **10 to 12** plasma bags with rack holders
7	Should be able to thaw 48 plasma bags (FFP0 cryoprecipitate /Aphaeresis or plasma bags of any size.)	Should be able to thaw **10 to 12** plasma bags (FFP0 cryoprecipitate /Aphaeresis or plasma bags of any size.)
9	Should have two separate basket assemblies with built-in fingers for securely holding the plasma bags of all sizes.	Should have **one** separate basket assemblies with built-in fingers for securely holding the plasma bags of all sizes.

Name of Equipment: -Di electric tube sealer (Portable battery operated sealer)

Sl. no.	Technical Specification Before amendment	Technical Specification After Amendment
4	Should be capable of making wide seal of at least 2 mm width.	Should be capable of making wide seal of at least 6 mm width.
6	Sealing time should not be >2sec.	Deleted

Name of Equipment- Dielectric Tube sealer

Sl. no.	Technical Specification Before amendment	Technical Specification After Amendment
5	Should be capable of making wide seal of 2mm thickness.	Should be capable of making wide seal of **6 mm** thickness.
9	Should also have extended portable hand unit sealing hand should be with coaxial cable of 1.5.2.0 meter.	Should also have extended portable hand unit sealing hand should be with coaxial cable of **1.5 to 2 meter**
13	System should run on both mains and battery (more than 10hrs back up and charger)	System should run on mains only
19	Certification:	
	• Product certification CE class II A or US FDA certified.	Product certification CE **class I A** or US FDA certified.
		20. UPS (1 KVA) should be provided

Name of Equipment -Refrigerated Centrifuge		
Sl. No.	Technical Specification before amendment	Technical Specification after Amendment
7	Removable plastic cups to hold single/double /triple/quadruple blood bags with partition in every bucket.	Removable plastic adapters to hold double/ triple/ quadruple blood bags with partition in every adapter and with provision to hold balancing weight at the sides of the adapters so that it will not come in contact with blood bags.
8	Insert with hook adapter to spin buffy coat or small volume of blood and balancing weights.	Insert with hook adapter to spin buffy coat or small volume of blood and with provision to hold balancing weight at the sides of the adapters so that it will not come in contact with blood bags. Balancing weight should be supplied with each plastic insert
9	Equipped with automatic lid lock.	Equipped with automatic lid lock and lid interlock
12	Temperature range – 10degree C to + 40degree C.	Temperature Control Range: -20°C to +40°C, Minimum Temperature at maximum speed at full load of 12 quadruple blood bags of 450ml should be ≤ 4°C.
14	Programmable time: 0.99 minutes with minimum resolution of 1 minutes.	Programmable time: 0 to 99 hours with minimum resolution of 1 minute.
25	Certification	
	· Product certification CE class II A or US FDA certified	Should be CE (MDD class IIa) by European notified body with their number or USFDA
	· Electrical safety :Equipment meets electrical safety specification such as that of IEC (class I)	Electrical safety :Equipment meets electrical safety specification such as that of IEC 61010 - Safety requirements for electrical equipment for measurement, control and laboratory use, IEC 61326- Electromagnetic Compatibility and IEC 60529 -Degrees of protection provided by enclosures with protection level of IP 20 or better level. All the IEC certificates to be issued by European third party

		Sl.no.- 26 The date of opening of price bid will be decided after live demonstration. For technical evaluation, a live demonstration (at full load of 12 bags) of Refrigerated Centrifuge will be taken in a government blood bank to demonstrate technical specifications with all accessories as per tender specifications and actually showing component separation with required quality as per NACO/AABB guide lines. The parameters like Speed, time and Temperature to be verified with calibration tools like tachometer, timer and temperature probe respectively. The tools should have traceability of NABL standards with valid certificates.

Name of Equipment -Coagulation Analyser

Sl	Technical Specification before Amendment	Technical Specification after Amendment
3	Semi-automatic with at least 4 channels optics.	Semi-automatic with at least 4 channels
4	Based on optical principle with LED.	Based on optical/ Viscosity principle with LED.
6	Suitable for PT a-PTT fibrinogen thrombin time factors II IV VII, VIII, IX,X XI,XII Fletcher. AT –III protein C, Protein S Heparin STAT.	Suitable for PT A-PTT fibrinogen thrombin time factors II IV VII, VIII, IX,X XI,XII Fletcher. protein C, Protein S Heparin STAT.
15	The unit shall be capable of being stored continuously in ambient temperature of 0-50 Degree C and relative humidity of 15-90 %	The unit shall be capable of being stored continuously in ambient temperature of 15-32 Degree C and relative humidity of 20-80 %
16	The unit shall be capable of operating continuously in ambient temperature of 10-40 degree C and relative humidity of 15-90 %.	The unit shall be capable of operating continuously in ambient temperature of 15-32 degree C and relative humidity of 20-80 %.
		Sl. No. 22- Machine should be LIS Campatibility
		Sl. no. 23- Minor work for installation of medical equipment must be done by bidder at his own cost
		Sl. No.-24 - Reagent , Calibratpr, control, cleaning, solution for specified no. of tst and also PT and APTT may be provided free of cost (FOC) for atleast 1000 test

Name of Equipment -Blood Bank Refrigerator (300 Litre)		
Sl no.	Technical Specification before amendment	Technical Specification after Amendment
	Name of Equipment -Blood Bank Refrigerator (300 Litre)	Blood Bank Refrigerator
3	Capacity: As required by the blood bank (e.g. 400/600 blood gas of about 350/450 ml. each)	Capacity: 140-150 blood bags of 450 ml or 170-200 blood bags of 250 ml
4	Construction:	
	• Internal stainless steel (min.22g)	Internal stainless steel (min.22 SWG)
	• Insulation and gasket should be silicone.	Insulation and gasket should be silicone/Rubber
	• Polyurethane insulation should be minimum 80mm	Polyurethane insulation should be minimum 50-80 mm
5	Temperature range.	
	• 2 degree C to 6degree C and adjustable with setting accuracy of +-01degree C with set temperature of 4degreeC	2 degree C to 6 degree C and adjustable with setting accuracy of +-0.5 degree C with set temperature of 4 degree C
11	Internal temperature hold over time in case of power failure should be at least 1.5 hours.	Internal temperature hold over time in case of power failure should be at least 1.5 hours if door is closed
14	Temperature recording devices.	
	• Audio defrosting	Auto defrosting
	• Cooling time – Maximum 13 hours for all the packs to reach below such as that of IEC (class I)	• Cooling time – Maximum 13 hours for all the packs to reach below such as that of IEC (class II A)
	Unit should be USFDA Certified	Unit should be USFDA Certification or CE certified by European body