

Amendment no II Dated 06.03.2017
HSCC/KCGMC/Medical Equipment/2015-03/G Dated: 03.02.2017

Item	Tender Specifications	Tender Specifications read as
Item no 01, Refrigerated Cryofuge	Name of Equipment- Refrigerated Cryofuge	The word “ Cryofuge ” may be replaced as “ Centrifuge ”
	3. Swing bucket blood bank rotor: With metal buckets, 6 x 1000 ml. wind-shielded.	<i>Swing bucket blood bank rotor: With metal buckets, 6 x 2000 ml. wind-shielded”</i>
	4. Centrifugal force: Minimum ceiling – 5000g	<i>Minimum ceiling – 6000g or more</i>
	6. Temperature Range: -10 deg C to +40 deg C	<i>Temperature Range: -20 deg C to +40 deg C.</i>
	17 Electrical safety conforms to standards for electrical safety IEC-60601/ IS-13450.	<i>Electrical safety conforms to standards for electrical safety IEC-61010”</i>
	18. Should be US FDA or CE approved product or equivalent international authority.	<i>European CE/USFDA certified product</i>
Item no 02, Deep Freezer (- 80 deg)	1. Capacity – Minimum 300 liters.	<i>Minimum 350 litres or more</i>
	2. Under Basic requirement: - Upright deep freezer having minimum capacity of 300 liters to hold at least 400 plasma bags of 250 ml capacity each. - It should perform efficiently up to the ambient temp + 45 deg C	<i>- Upright deep freezer having to hold at least 400 plasma bags of 250 ml capacity each. - It should perform efficiently up to the ambient temp + 32 deg C</i>
	3. Construction: Solid outer cabinet casing of stainless steel/powder CRCA Steel and inner cabinet made of stainless steel. Facility of lockable castors should be available. It should have 4 to 6 shelves of stainless steel.	<i>Solid outer cabinet casing of stainless steel/powder CRCA Steel and inner cabinet made of stainless steel 304/316 grade. Facility of lockable castors should be available. It should have 4 to 6 shelves of stainless steel with 4 to 5 inner doors.</i>
	6.cooling down time: A full load of plasma packs at + 25 deg C takes a maximum of five hours for all the pack to reach below -50 C and 30 hours to reach below -20 deg C.	<i>Cooling down time A full load of plasma packs at +25 deg C takes a maximum of five hours for all the pack to reach -70 deg C.</i>
	7. Hold over time: A full load of plasma packs at 30 deg C takes at least one hour to rise above -20 deg C and thirty two hours to rise to above -5 deg C.	<i>Hold over time: A full load of plasma packs at -70 deg C takes atleast four hours to rise above -50 deg C</i>
	12. FDA or CE certificate for technology in medical refrigeration.	<i>Certificates: Equipment should have European CE/US FDA certificate</i>
Item no. 03, Deep Freezer (- 40 deg)	1. Capacity – Minimum 300 liters.	<i>Capacity: Minimum 350 litres or more</i>
	2. Under Basic requirement: - Upright deep freezer having minimum capacity of 300 liters to hold at least 400 plasma bags of 250 ml capacity each.	<i>- Upright deep freezer having to hold at least 400 plasma bags of 250 ml capacity each.</i>

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	- It should perform efficiently up to the ambient temp + 45 deg C 3. Construction: Solid outer cabinet casing of stainless steel/powder CRCA Steel and inner cabinet made of stainless steel. Facility of lockable castors should be available. It should have 4 to 6 shelves of stainless steel.	- It should perform efficiently up to the ambient temp + 32 deg C <i>Solid outer cabinet casing of stainless steel/powder CRCA Steel and inner cabinet made of stainless steel 304/316 grade. Facility of lockable castors should be available. It should have 4 to 6 shelves of stainless steel with 4 to 5 inner doors."</i>
	6.cooling down time: A full load of plasma packs at + 25 deg C takes a maximum of five hours for all the pack to reach below -50 C and 30 hours to reach below -20 deg C.	<i>cooling down time: A full load of plasma packs at +25 deg C takes a maximum of five hours for all the pack to reach -40 deg C.</i>
	7. Hold over time: A full load of plasma packs at 30 deg C takes at least one hour to rise above -20 deg C and thirty two hours to rise to above -5 deg C.	<i>Hold over time: A full load of plasma packs at -40 deg C takes atleast four hours to rise above -10 deg C</i>
	12. FDA or CE certificate for technology in medical refrigeration.	Certificates: Equipment should have European CE/US FDA certificate
Item no. 04, Table Top Centrifuge	2. Capacity: 16 Tubes of 15ml each	<i>Capacity: minimum 16 tubes of 15 ml each</i>
	4. Speed Control and Display: Stepless speed regulator and digital display Unit	<i>Speed control and Display: Stepless brushless induction motor with LCD/LED display</i>
	5. Time: 0- 60 minutes	<i>Time: 0-99 minutes</i>
	6. Lid: durable lid with easy lid lock	<i>Lid: durable lid with motorised lid lock & safety lid opening in case of power failure.</i>
		<i>Certificates: IVD & European CE/USFDA</i>
Item no. 05 Plate Agitator with Incubator		<i>Equipment should have Certificates: European CE/USFDA</i>
Item no. 06 ELISA READER	16. Should have an internal and an additional external printer capable of printing complete results and graphs etc. directly from ELISA reader.	<i>Should have facility capable of printing complete results and graphs etc. directly from ELISA reader.</i>
	Should be FDA or CE certified.	<i>Should be US FDA or European CE certified.</i>
Item no. 07 Cell Counter (Automated Hematology Analyzer)	3 part differential analyzer EMD Rs. 48,000.00	5 part Cell Counter EMD Rs 20,000.00

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Item no. 08, Blood Bank Refrigerator	6. Equipment meets electrical safety specifications such as that of IEC (Class I).	<i>Equipment meets electrical safety specifications such as that of IEC-60610/61010</i>
	9. External Ambient Temperature: Performs in an ambient temperature of +10 to +40 °C	<i>External Ambient Temperature: Performs in an ambient temperature of +10 to +32 °C</i>
	14 Certifications: Product Certification: CE Class II A or US FDA / ISO 13845 certified • Electrical Safety: Equipment meets electrical safety specifications such as that of IEC (Class I); • Shall meet IEC-60601-1-2 :2001(Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility.	<i>Certifications: Product Certification: USFDA/ European CE certified •Electrical Safety: Equipment meets electrical safety specifications such as that of IEC (Class I); • Shall meet IEC-60601-1-2 :2001/ 61010 (Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility</i>
Item no. 12, Deep Freezer -20 deg	3. Capacity: 300-350 liters	<i>Capacity: minimum 350 liters</i>
	4. No of shelves : 6-8	<i>No of shelves 3-6</i>
		<i>Door opening audio and visual display alarm and Visual and audible alarm system indicating unsafe temperatures</i>
		<i>Certifications: European CE/USFDA certified</i>

Item	Last date & time sale of Tender document	Last closing date & time for receipt of tender	Date of opening of Techno - Commercial bids.	Earlier date of opening
Item no. 1 to 12	14.03.2017, upto 12.30 hrs IST	14.03.2017, 13.00 hrs IST	14.03.2017, 13.30 hrs IST	06.03.2017

All other terms and conditions of the tender enquiry document shall remain unchanged.

Prospective bidders are advised to regularly visit HSCC website/ CPP as corrigendum /amendments etc. if any, will be notified on this portal only, no separate advertisement will published in the news papers.

s/d
 CGM, HSCC (I) Ltd.
 For & on behalf of DGMER, Panchkula