14-02-2022

Pre Bid Query Reply

Sub: Pre Bid Query Reply for the tender of Department of Blood Bank

Ref.: Bid No: **GEM/2022/B/1857103, GEM/2022/B/1857059, GEM/2022/B/1856997, GEM/2022/B/1856753, GEM/2022/B/1856702, GEM/2022/B/1856648, GEM/2022/B/1849988, GEM/2022/B/1849964, GEM/2022/B/1849933, GEM/2022/B/1849906, GEM/2022/B/1849881, GEM/2022/B/1849800, GEM/2022/B/1849748, GEM/2022/B/1849729, GEM/2022/B/1849698, GEM/2022/B/1849663, GEM/2022/B/1849634, GEM/2022/B/1849604, GEM/2022/B/1849551, GEM/2022/B/1849517, GEM/2022/B/1849493, GEM/2022/B/1849468, GEM/2022/B/1849275, GEM/2022/B/1848857 Dated: 17.01.2022**

Response To Pre-Bid Queries (Pre-Bid date: 24.01.2022)				
GeM Bid No: GEM/2022/B/1857103 dated 17.01.2022				
Item No. 01 - Blood Collection Monitor				
Tender Page & Para	**TENDER SPECIFICATION**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**	**JUSTIFICATION**
Para 18	Suitable Automatic Voltage regulator/stabilizer meeting ISI specifications should be supplied. Broad specifications are : Automatic Type Input 150-280V , Output 220 V +/- 7 % , 50 Hz . 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 Power Cable with 15 A Plug and six way output terminal strip for two outlets	To be deleted (Not required with this type of equipment) Remarks: Blood collection monitors has inbuilt battery. In which power supply is through 12V/24V adaptors supplied along with blood collection monitors. The inbuilt battery gets simultaneously charged when BCM is connected to power supply. In this type of configuration there is actually no need for additional voltage stabilizer	**Deleted**	For wider participation
Para 18	Transport case **with built-in charger**	To be Amended as: - This should be removed because machine have in built battery. Reason: Not need this feature in machine	Transport case	For wider participation
		Should be supplied with suitable transport case Remarks: Blood collection monitors has inbuilt battery with battery with backup of 8-10 Hrs once fully charged (As		

		specified in the tender specifications) there is inbuilt charging circuit which charges the battery once it is connected to the power source. In this type of device there is no requirement of additional built in charger in transportation case		
Para 18	Auto Set cable	To be Amended as: - This should be removed because machine have in built facility of calibration. Reason: Not need this accessory To be deleted Remarks: Blood collection monitors now available in the market are microprocessor based devices where there is a inbuilt self-calibration feature. Hence this type of devices does not require auto set cable which is generally required for doing calibration through connection with external source	**Deleted**	For wider participation
	NA	Point: - Product Certification should be added To be added as: "Product should be EU CE (4 digit notified) registered in European commission / USFDA Registered/BIS certified and manufacturer should be ISO 13485 Certified Reason: worldwide acceptable certificates are CE (4 digit Notified Body) and USFDA. Proper quality accredited certification will permit only quality manufacturers to Bid.	No change	For wider participation

Response To Pre-Bid Queries (Pre-Bid date: 24.01.2022)				
GeM Bid No: GEM/2022/B/1857059 dated 17.01.2022				
Item No. 02 - Blood Tube Sealer				
Tender Page & Para	**TENDER SPECIFICATION**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**	**JUSTIFICATION**
Para 18	Should have hand grip on top side of the equipment for easy lifting of equipment	Should be easy to handle with the grip to hold the sealers Remarks: Specifying hand grip on top side may be a design of a particular brand which restricts the participation of other bidders however need for the hand grip can be addressed by giving the grip on any side of sealer depending on design configuration of a particular brand	Should be easy to handle with the grip to hold the sealers	For wider participation

Response To Pre-Bid Queries (Pre-Bid date: 24.01.2022)				
GeM Bid No: GEM/2022/B/1856753 dated 17.01.2022				
Item 04 - Donor Couch				
Tender Page & Para	**TENDER SPECIFICATION**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**	**JUSTIFICATION**
Para 7	Should be able to accommodate Donor weight capacity of more than 200 Kg.	We request that please keep the weight capacity in between 150Kg to 200Kg Remarks: Many companies can participate	Should be able to accommodate Donor weight capacity of **150Kg or more.**	For wider participation
Para 9	Provision to shift the donor‟s position from “head high – foot low” to “foot high- head low” or any position in between for optimal blood collection	We do have Trendelenburg facility in our couch. As well as it becomes flat position which gives optimal blood collection	No change	
Para 13	Central locking with locking lever: Couch should be movable with wheels with locking facility	Request you to kindly amend as a twin wheel with central locking Remarks: If we have to move the couch then we simply unlock the wheels.	**Couch should be movable with wheels with locking facility**	For wider participation

		Couch should be movable with wheels with locking facility Remarks: Central locking / castors with locking levers are equally effective for providing locking facility for the chair hence selection from both features should be given		
Para 15	Provision of I.V. stand with provision keeping standard Bio mixer on both sides.	We do have a facility of IV stand to fix with Couch Remarks: Request you to kindly elaborate if possible	No change	
Para 16	Trolley should be provided with each couch for keeping blood collection monitor and other consumables.	What type of trolley is required, please specify?	Trolley **(SS 304, having atleast two shelves with adjustable height, suitable size)** should be provided with each couch for keeping blood collection monitor and other consumables.	For better clarity
Para 20	Demonstration of performance of equipment is compulsory in nearby area failing to which will be disqualification	As per committee discussion	**Bidder have to arrange demonstration of the quoted model (if required)**	For better clarity

Response To Pre-Bid Queries (Pre-Bid date: 24.01.2022)				
GeM Bid No:GEM/2022/B/1856648 dated 17.01.2022				
Item 06 - Refrigerated Blood Bag Centrifuge				
Tender Page & Para	**TENDER SPECIFICATION**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**	**JUSTIFICATION**
Para II.c	Programmable memory with temper proof program saving facility, with parallel saving of at least 30 programs	Programmable memory with temper proof program saving facility, with parallel saving of at least 100 - 120 programs Justification: A blood bank usually has multiple users with different administrative privileges and also different protocols for running Blood Bank Applications. Higher number of programs make the	No change	

		machine versatile for running wide range of protocols as per needs of every user as well as use the machine for research & audit purposes.		
Para II.e	Various formats of Swing-out rotors with metal buckets and with or without wind shields that should be able to accommodate at least the following:	Various formats of Swing-out rotors with metal buckets and with wind shields that should be able to accommodate at least the following Justification: Energy efficient as Wind shielded design is found to be consuming up to 64% lesser electrical energy	No change	
Para II.f	twelve 350ml and/or 450ml single, double, triple, quadruple/quintuple blood bags with SAGM bag and empty satellite bags with In Line filter system	Sixteen 350ml and/or 450ml single, double, triple, quadruple/quintuple blood bags with SAGM bag and empty satellite bags with In Line filter system Justification: Economical and time saving	**twelve to sixteen** 350ml and/or 450ml single, double, triple, quadruple/quintuple blood bags with SAGM bag and empty satellite bags with In Line filter system	For wider participation
Para II.i	Automatic lid lock.	Automatic door opening and closing with automatic lid lock & interlock Justification: Blood Bank Centrifuges spin heavy loads at extremely high speeds and g forces. The lid locking system in Thermo Scientific Cryofuge 16 is fully computerized such that it ensures complete locking of the instrument before the instrument is operated and prevents any accidental opening while the centrifuge is spinning so that operator safety is maximized and accidental injuries to the operator are completely avoided. Furthermore, Centrifuge Doors are armor plated and can weight up to 15 – 25 Kgs from make to make. In Blood Banking Environments, operators may need to open	No change	

		and close the centrifuge door up to 30 times each day by each user requiring time and physical strength leading to potential repetitive strain injuries. Thus, this system makes the centrifuge is completely safe and easy to use besides enhancing productivity and operator comfort		
Para III.a	Minimum speed 5,000 rpm and above.	To be amended as: "Minimum speed 4000-4500 RPM Reason: Main control should be on G value that will be varied by company to company. Minimum speed 4500 rpm and above. Justification: Blood Banking Centrifuges have high radii and do not have or need rpm ranges going up to 5000. The best available in the market is 4700 rpm Speed range 4000-4500 rpm and above Remarks: Rotation per minute is a variable factor for achieving specific g force the separation of blood component requires specific g force for separation of various components. RPM to achieve the specific g force may differ for various brands depending on the radius of the rotor. Generally, RPM ranging from 4000-4500 is able to achieve the specific g force required for blood component separation in almost all the brands available in the market. So giving the specific RPM of 5000 is not justified & not needed and may favor a particular brand	**Speed 4,000 rpm and above.**	For wider participation
Para III.b	RCF (Relative Centrifugal force) for blood bags: 6000g-	To be amended as: "RCF (Relative Centrifugal force) for	RCF (Relative Centrifugal force) for	For wider participation

	65000g	blood bags: 5000-6000g. Reason: blood component preparation mostly uses 2 type of method 1st is PRP method and 2nd is buffy coat method in both method no need to 6000-6500g so please amend as per recommendation	blood bags: **5000g-6000g**	
		RCF (Relative Centrifugal force) for blood bags more than 6500 g Justification: High g force capability means that the motor need not always run at maximum capacity during day to day operations. This means, lesser load on the motor, more efficiency, cost effectiveness, lower vibration, quiet operation, more safety and enhanced lifetime of the instrument. High RCF lends the Blood Component Centrifuge higher versatility to fulfill all current and future Hematological and Pathological needs of the Blood Bank		
		RCF (Relative Centrifugal force) for blood bags: 5000 g to 6000 g Remarks: Blood component separation protocols recommended by DGHS (Director General Health Services) & AABB (American Association of Blood Banking) clearly specify that the there is no protocol or guideline in separation of blood component where blood is centrifuged beyond 5000g RCF . On the contrary it can be even be detrimental for blood component quality if blood is centrifuged beyond 5000g This is the precisely the reason that most of the blood bank		

		centrifuges available in the market are offering the maximum RCF between 5000 g to 6000 g		
Para IV g	Motor imbalance detection: automatic shutdown of centrifuge if rotor load is out of balance with appropriate indicator.	Motor imbalance detection & Imbalance tolerance up to 125 g: Automatic shutdown of centrifuge if rotor load is out of balance with appropriate indicator Justification: Higher imbalance tolerance implies that even if there is a leakage or rupture of blood bag, the machine will be able to tolerate the imbalance without causing an accident and grave damage to property or life.	No change	
Para IV i	The equipment shall be suitable for operation from 0 to 40°C at 90% relative humidity. Electronic circuitry shall be tropicalised for this ambient condition.	The equipment shall be suitable for operation from 0 to 35°C at 80% relative humidity. Electronic circuitry shall be tropicalised for this ambient condition.	The equipment shall be suitable for operation **from 0 to 35°C at 80% relative humidity.** Electronic circuitry shall be tropicalised for this ambient condition.	For wider participation
Para IV j	Noise level within 60 decibels	Noise level within 62 decibels	Noise level within **65 decibels**	For wider participation
	NA	To be added as: "Product should be EU CE (4 digit notified) registered in European commission / USFDA Registered/BIS certified and manufacturer should be ISO 13485 Certified Reason: worldwide acceptable certificates are CE (4 digit Notified Body) and USFDA. Proper quality accredited certification will permit only quality manufacturers to Bid.	No change	
		To be added:The equipment should have US FDA or CE Medical Device Certification Blood Bank Centrifuges are	No change	

		used to process human blood that is used for transfusion into critical care patients. The processes that lead to the production of components are governed by the same regulations that apply to drug manufacturing and medical devices, as the outcome of the processes are critical to patient outcomes and treatment success. Therefore, the European Commission medical device directive 93/42/EEC ANNEX IX chapter III Rule 3 states the following for Class II Medical Devices "Rule3: All non-invasive devices intended for modifying the biological or chemical composition of blood, other body liquids or other liquids intended for Infusion into the body are in Class IIb, unless the treatment consists of filtration, centrifugation or exchanges of gas, heat, in which case they are in Class IIa" Thus, to ensure compliance and success of clinical outcomes, CE or US FDA Medical Device Certification for Blood Bank Centrifuges should be a mandatory requirement"		

Response To Pre-Bid Queries (Pre-Bid date: 24.01.2022)				
GeM Bid No: GEM/2022/B/1849988 dated 17.01.2022				
Item 07 - Electronic Double Pan Component Balance				
Tender Page & Para	**TENDER SPECIFICATION**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**	**JUSTIFICATION**
Para 15	Demonstration of performance of equipment is compulsory in nearby area failing to which will be disqualification	As per committee discussion	**Bidder have to arrange demonstration of the quoted model (if required)**	For better clarity

Response To Pre-Bid Queries (Pre-Bid date: 24.01.2022)				
GeM Bid No: GEM/2022/B/1849964 dated 17.01.2022				
Item 8 - Blood Bank Refrigerator				
Tender Page & Para	**TENDER SPECIFICATION**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**	**JUSTIFICATION**
Para 2.1	Blood Bank Refrigerator should have capacity to hold 300-350 blood bags of 450ml capacity	We would request you to all Blood Bank Referigerator with holding capacity of 210 – 310 blood bags of 450 ml capacity	No change	
Para 2.13	Epoxy coated outside finish and GS interior	To be amended as: Epoxy/ powder coated outside finish and SS interior. Reason: For better bidding option and corrosion free interior. In the pre bid meeting one company was pushing to remove GS interiors and to make it SS inside. We request you for not changing this specification and GS should be allowed also .	Epoxy coated outside finish and GS **or SS** interior	For wider participation
Para 2.15	Digital temperature display should be provided. Should provide datalogger or circular chart recorder	To be amended as: “LCD/LED Fully programmable microprocessor-based temperature controller with membrane keypad, USB support and eye level control panel with data storages capacity as per drug act. Inkless/paperless circular graphical temperature chart recorder with recommended range as per drug act Reason: it is better Screen in readability with better viewing angle and sharp color. USB support gives	No change	

		facility to take temperature data anytime easily. Inkless/ paperless graph is gives user more facility to manage data.		
	NA	To be added as: "Product should be EU CE (4 digit notified) registered in European commission / USFDA Registered/BIS certified and manufacturer should be ISO 13485 Certified Reason: worldwide acceptable certificates are CE (4 digit Notified Body) and USFDA. Proper quality accredited certification will permit only quality manufacturers to Bid.	No change	
	NA	Additional Specification for Incorporation :- 1.We would request you to add mandatory certification like CE from notified body with 4 digit PIN 2. Display of parameters should be on large LCD/LED screen with inbuilt USB port for downloading temperature data	No change	

Response To Pre-Bid Queries (Pre-Bid date: 24.01.2022)				
GeM Bid No: GEM/2022/B/1849933 dated 17.01.2022				
Item 09 - (- 40) DEEP FREEZER				
Tender Page & Para	**TENDER SPECIFICATION**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**	**JUSTIFICATION**
Para 2	CAPACITY: 500-600 Litres	We would request you to increase the capacity to 550 to 650 L . Capacity has been decided by user and it should not be decreased in the interest of one particular make.	CAPACITY: **atleast 600 Litres**	Dept requirement
		Capacity 400-500 liters Remarks: Standard size available from most of the Indian brands ranges from 400-500 liters. and are competitively priced beyond 500 liters are extra big sizes which are not commonly in demands for -40 deep freezers		
Para 5	Fully programmable microprocessor based temperature controller	To be amended as: LCD/LED Fully programmable microprocessor-based temperature controller with	No change	

	with membrane keypad and eye level control panel	membrane keypad, USB support and eye level control panel with data storages capacity as per drug act. Reason: it is better Screen in readability with better viewing angle and sharp color. USB support gives facility to take temperature data anytime easily.		
		Fully programmable based temperature control with large LCD/LED display panel for all the important parameters and temperature graph and history. Display panel should have inbuilt USB port for downloading temperature data along with SD card slot		
Para 7	Construction should be of thin vacuum insulation panel. Insulation should be high density polyurethane or equivalent gasket double seal silicon	To be amended as: "Construction should be thin vacuum insulation panel / Insulation should be high density polyurethane with equivalent gasket double seal silicon. Reason: both insulations did not come in one product so please give option to one of these insulation panel. OR should be replace by and because OR means "either is insulation or gasket	**Construction should be of thin vacuum insulation panel / high density polyurethane along with equivalent gasket of double seal silicon**	For wider participation
		Construction should be of thin vacuum insulation panel / high density polyurethane along with equivalent gasket of double seal silicon Remarks: Typographical error		
Para 9	Freezer should have 4 or more Compartment with two or more adjustable height stainless steel shelves. Separate inner door for each compartment	Freezer should have 4 or more Compartment with two or more adjustable height stainless steel shelves. Separate 2 or 4 inner door should be provided	Freezer should have 4 or more Compartment with two or more adjustable height stainless steel shelves. Separate inner door for each compartment. **Added Para : Should be provided with appropriate SS**	For better clarity

			racks for storage of FFP.	
Para 9 & 16	Para 9 -Freezer should have 4 or more Compartment with two or more adjustable height stainless steel shelves. Separate inner door for each compartment Para 16 - Freezer must have three or more compartments with inner doors for easy handling of samples	There is a common clarification regarding point number 9 and point number 16 of both bids pertaining to innercompartments required. In point number 9 you have asked for 4 or more compartments however in point 16 you haveasked for 3 or more. We request you to clarify how many compartments do you need? 3 or 4?	**Para 16 Deleted.**	For better clarity
Para 19	External or internal voltage stabilizer should be provided so that Compressor should be capable to run any voltage between 190 – 270V. Manufacturing site for the freezer must have ISO 9001 standard quality test requirements and IEC 61010 electrical safety	External or internal voltage stabilizer should be provided so that Compressor should be capable to run any voltage between 190 – 270V. Manufacturing site for the freezer must have ISO 9001 standard quality test requirements and CE certificate from a notified body with 4 digit PIN . Kindly remove IEC requirement as it is automatically covered in CE testing.	External or internal voltage stabilizer should be provided so that Compressor should be capable to run any voltage between 190 – 270V. Manufacturing site for the freezer must have ISO 9001 standard quality test requirements and **IEC 60601-1** electrical safety	For better clarity
	NA	To be added as: “Product should be EU CE (4 digit notified) registered in European commission / USFDA Registered/BIS certified and manufacturer should be ISO 13485 Certified Reason: worldwide acceptable certificates are CE (4 digit Notified Body) and USFDA. Proper quality accredited certification will permit only quality manufacturers to Bid	No change	
	NA	Additional Specification for Incorporation :- 1.We would request you to add mandatory certification like CE from notified body with 4 digit PIN . 2. Display of parameters should be on large LCD/LED screen with inbuilt USB port & SD card reader for downloading temperature data	No change	

Response To Pre-Bid Queries (Pre-Bid date: 24.01.2022)				
GeM Bid No: GEM/2022/B/1849906 dated 17.01.2022				
Item 10 - (- 80) DEEP FREEZER				
Tender Page & Para	**TENDER SPECIFICATION**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**	**JUSTIFICATION**
Para 2	CAPACITY: 600 Litres	We would request you to increase the capacity to 650 to 750 L . Larger capacities are cost effective and provide more storage space to the users for current and future requirement.	CAPACITY: 600 Litres **or more**	For wider participation
Para 5	Fully programmable microprocessor based temperature controller with membrane keypad and eye level control panel	To be amended as: LCD/LED Fully programmable microprocessor-based temperature controller with membrane keypad, USB support and eye level control panel with data storages capacity as per drug act. Reason: it is better Screen in readability with better viewing angle and sharp color. USB support gives facility to take temperature data anytime easily.	No Change	
		Fully programmable based temperature control with large LCD/LED display panel for all the important parameters and temperature graph and history. Display panel should have inbuilt USB port for downloading temperature data along with SD card slot		
Para 7	Construction should be of thin vacuum insulation panel. Insulation should be high density polyurethane or equivalent gasket double seal silicon	To be amended as: "Construction should be thin vacuum insulation panel / Insulation should be high density polyurethane with equivalent gasket double seal silicon. Reason: both insulations did not come in one product so please give option to one of these insulation panel. OR should be replace by and because OR means "either is insulation or gasket.	**Construction should be of thin vacuum insulation panel / high density polyurethane along with equivalent gasket of double seal silicon**	For wider participation
		Construction should be of thin vacuum insulation panel / high density polyurethane along with		

		equivalent gasket of double seal silicon Remarks: Typographical error		
Para 9	Freezer should have 4 or more Compartment with two or more adjustable height stainless steel shelves. Separate inner door for each compartment	Freezer should have 4 or more Compartment with two or more adjustable height stainless steel shelves. Separate 2 or 4 inner door should be provided	Freezer should have 4 or more Compartment with two or more adjustable height stainless steel shelves. Separate inner door for each compartment. **Added Para : Should be provided with appropriate SS racks for storage of FFP.**	For better clarity
Para 9 & 16	Para 9 -Freezer should have 4 or more Compartment with two or more adjustable height stainless steel shelves. Separate inner door for each compartment Para 16 - Freezer must have three or more compartments with inner doors for easy handling of samples	There is a common clarification regarding point number 9 and point number 16 of both bids pertaining to innercompartments required. In point number 9 you have asked for 4 or more compartments however in point 16 you haveasked for 3 or more. We request you to clarify how many compartments do you need? 3 or 4?	**Para 16 Deleted.**	For better clarity
Para 21	The units shall be capable of being stored continuously in ambient temperature of 0 - 50C and relative humidity of 15-90%.	The units shall be capable of being stored continuously in ambient temperature of 10- 43C and relative humidity of 15-90%. This is as per the WHO guidelines ad in India the ambient temperature remains within this limit and moreover there is no lab in India with capabilities to check the unit at Zero degree temperature..	External or internal voltage stabilizer should be provided so that Compressor should be capable to run any voltage between 190 – 270V. Manufacturing site for the freezer must have ISO 9001 standard quality test requirements and **IEC 60601-1** electrical safety	For better clarity
	NA	To be added as: “Product should be EU CE (4 digit notified) registered in European commission / USFDA Registered/BIS certified and	No change	

		manufacturer should be ISO 13485 Certified Reason: worldwide acceptable certificates are CE (4 digit Notified Body) and USFDA. Proper quality accredited certification will permit only quality manufacturers to Bid.		
	NA	Additional Specification for Incorporation :- 1.We would request you to add mandatory certification like CE from notified body with 4 digit PIN . 2. Display of parameters should be on large LCD/LED screen with inbuilt USB port & SD card reader for downloading temperature data	No change	

Response To Pre-Bid Queries (Pre-Bid date: 24.01.2022)				
GeM Bid No: GEM/2022/B/1849881 dated 17.01.2022				
Item 11 - Platelet incubator with agitator				
Tender Page & Para	**TENDER SPECIFICATION**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**	**JUSTIFICATION**
Para 1	Platelet incubator should have the provision to store 96-platelet bags agitator	Platelet incubator should have the provision to store 54 platelet bags agitator. Remarks: Platelet agitator has to work 24X7 to agitate the stored platelets continuously. Generally, most of the blood banks procure 2 units of platelets incubators & agitators of 50 platelet bag capacity each. Rather than going for an option of bigger size of 90-100 bags capacity. The smaller capacity helps them in providing a crucial backup machine in case of breakdown & gives them a breathing space to rely on backup machine as platelets tend to get spoiled in a very short period, if they are not agitated continuously	No change	
Para 12	Should be able to store minimum 96 random bags or aphaeresis bags of different sizes with	Should be able to store minimum 54 random bags or aphaeresis bags of different sizes with gentle side-to-side agitation at 3.6 to	No change	

	gentle side-to-side agitation at 3.6 to 4cm, motion of 60-70 strokes per minute.	4cm, motion of 60-70 strokes per minute Remarks: Platelet agitator has to work 24X7 to agitate the stored platelets continuously. Generally, most of the blood banks procure 2 units of platelets incubators & agitators of 50 platelet bag capacity each. Rather than going for an option of bigger size of 90-100 bags capacity. The smaller capacity helps them in providing a crucial backup machine in case of breakdown & gives them a breathing space to rely on backup machine as platelets tend to get spoiled in a very short period, if they are not agitated continuously		

Response To Pre-Bid Queries (Pre-Bid date: 24.01.2022)				
GeM Bid No: GEM/2022/B/1849800 dated 17.01.2022				
Item 12 - Vertical Reagent Refrigerator				
Tender Page & Para	**TENDER SPECIFICATION**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**	**JUSTIFICATION**
Para 1	Storage Capacity: Should be at least 600 Liters capacity	Kindly allow capacity of 300-400 L Storage capacity 600 liters +10% Remarks:Most of the available brands in the market for this type of volume capacity are available in the range of 550 to 650 liters. Range in required volume capacity will allow wider participation	No change	
	NA	Additional Specification for Incorporation: - 1. System should have large display with USB port for downloading temperature data. 2. We would request you to add mandatory certification like CE from a notified body with 4 digit PIN . 3. Quoted system should be of medical grade only.	**Added Para : Should provide datalogger or circular chart recorder**	For better clarity
	NA	Need to Add : Outer body made up of powder coated CRCA steel with inner	No change	

		chamber & trays made up of SS 304 stainless steel. Remarks:Important to specify the construction material for procuring quality product for long lasting performance. There are many Chinese type low quality products available in the market which are offering nondurable plastic type of body		
Para 17	Demonstration of performance of equipment is compulsory in nearby area failing to which will be disqualification.	As per committee discussion	**Bidder have to arrange demonstration of the quoted model (if required)**	For better clarity

Response To Pre-Bid Queries (Pre-Bid date: 24.01.2022)				
GeM Bid No: GEM/2022/B/1849698 dated 17.01.2022				
Item 15 - Laminar Air–Flow Bench (Bio- Safety Cabinet)				
Tender Page & Para	**TENDER SPECIFICATION**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**	**JUSTIFICATION**
Para 5	Demonstration of performance of equipment is compulsory in nearby area failing which the firm will not be considered for technical evaluation.	As per committee discussion	**Bidder have to arrange demonstration of the quoted model (if required)**	For better clarity

Response To Pre-Bid Queries (Pre-Bid date: 24.01.2022)				
GeM Bid No: GEM/2022/B/1849663 dated 17.01.2022				
Item 16 - Tabletop Centrifuge with swinging bucket rotor				
Tender Page & Para	**TENDER SPECIFICATION**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**	**JUSTIFICATION**
Para 9	Rotor for 20 x (5-15 ml tubes) with appropriate tube adapters	Rotor for 24 x (5-15 ml tubes) with appropriate tube adapters Remarks: Capacity of 24 tube is standard rotor size for this type of centrifuge. There are smaller centrifuges available with 16 tube capacity So 20 tube capacities is not a standard capacity available in the market.	**Swing out rotor with 24 X (5-15ml tubes) with appropriate tube adapters should achieve RPM 4500 or more & RCF 3300 g or more**	Dept requirement
	NA	Points to be added: Swing out rotor with 24X5-15ml tubes should achieve max RPM 4500 & RCF 3300 g. Remarks: It is also important to mention the configuration of rotor which is either swing out or angle rotor & also important to mention the capacity of rotor in terms of RPM & RCF	Amended as above	
	NA	Brushless induction Drive to be added Remarks: Maintenance free Brush induction motor technology is standard technology now available with most of the brands in the market. However, there are still few brands who are offering centrifuges with carbon brushes having lower cost but requiring high maintenance with change of carbon brushes. It is important to mention this particular specification for procurement of latest technology products	Refer technical para 3	

Response To Pre-Bid Queries (Pre-Bid date: 24.01.2022)				
GeM Bid No: GEM/2022/B/1849634 dated 17.01.2022				
Item 17 -Elisa Reader and Washer				
Tender Page & Para	**TENDER SPECIFICATION**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**	**JUSTIFICATION**
Para A-2	Wavelength range 400-800 nm	Note : Maximum manufacturers are offering wavelength range from 400 – 750nm .So, we request you kindly amend the same with Wavelength range 400nm to 750nm.	Wavelength range **400-750 nm**	For wider participation
Para C-6.b	Vaccum power – 1 integrated vacuum power	We request to add Vacuum power / Peristaltic pump.	No change	
	NA	**For Reader and Washer** In this pandemic time, we request you kindly add one point "System should be supplied with window based Instrument operating software & remote access facility."	No change	

Response To Pre-Bid Queries (Pre-Bid date: 24.01.2022)				
GeM Bid No: GEM/2022/B/1849604 dated 17.01.2022				
Item 18 - Centrifuge & Incubator for column agglutination technique by glass bead/Gel cassettes for Immuno hematology				
Tender Page & Para	**TENDER SPECIFICATION**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**	**JUSTIFICATION**
Para 8	The lid of the centrifuge should be transparent and should have auto-locking during spinning	To be removed Remarks: Transparent Lid does not have any added advantage. Different brands of centrifuge have different type of lids.	**The lid of the centrifuge should have auto-locking during spinning**	For wider participation
Para 20	Complete range of reagents with catalogue, Proprietry article certificate for the consumables mandatory including period of validity **or list of third party authorized suppliers** of consumables for the equipment. Catalogue should include	List of 3rd party authorized supplier Should be removed Remarks: Our system is open system which can run gel cards of all available gel card brands so there is no limitation of a particular brand or suppliers	No change	

	reagents for all the tests mentioned above			
Para 34	Should have capacity to incubate 20 or more cassettes	Should have capacity to incubate 12 or more cassettes Remarks: Asked centrifuge is for 6-12 card & there is higher capacity is asked in incubator which should be in sync with each other	No change	

Response To Pre-Bid Queries (Pre-Bid date: 24.01.2022)				
GeM Bid No: GEM/2022/B/1849493 dated 17.01.2022				
Item 21 -Refrigerated Blood Component Transport Box				
Tender Page & Para	**TENDER SPECIFICATION**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**	**JUSTIFICATION**
Para 1	Mobile refrigerated transportation box should be able to transport packet red cells, whole blood, platelets, plasma at the required specific temperatures	Kindly add rotationally moulded polyurethane should have life warranty against corrosion . You are also requested not to change this specification to Steel as requested by one company in the it's self interest . It will make box too heavy to pick and it does not protect the box against corrosion and chances of contaminations are high	No change	
Para 2	Should be robust, light weight, portable mobile refrigerated transport box made up of rotationally moulded polyurethane	Should be robust, light weight , portable mobile refrigerated transport box made up of rotationally moulded polyurethane. / polished MS outer body & SS Inner body Remarks: Giving options in the construction will allow wider participation	No change	
Para 4	Capacity to hold 25-30 blood bags of 450ml	Capacity to hold 40-50 blood bags of 450ml as portable AC/DC units are used in camps and minimum capacity of 45 bags is generally required Internal capacity < 100 liters to hold 40-50 blood bags of 450ml Remarks: Capacity in volume should be specified & average blood transportation box should hold 50-60	Capacity to hold **alteast 40 blood bags** of 450ml	Mininum requirement of department

		blood bag so that at least could be used to carry blood from donation camps		
	NA	Additional Specification for Incorporation: - 1.System should be supplied with at least 4 baskets to store the blood bags . 2. Transport Box should have wheels with braking systems for easy movement on the floor as well as inside the vehicle. 3. Empty weight of the Rotomolded Transport system should not exceed 53 Kgs. 4. We would request you to add mandatory certification like CE from a notified body with 4 digit PIN .	**Added Para: Transport Box should have wheels with braking / locking system**	For better clarity

Response To Pre-Bid Queries (Pre-Bid date: 24.01.2022)				
GeM Bid No: GEM/2022/B/1849468 dated 17.01.2022				
Item 22 - Apheresis Machine				
Tender Page & Para	**TENDER SPECIFICATION**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**	**JUSTIFICATION**
Para 1	Continuous Flow Blood Cell Separator.	Requeted to delete The points mentioned are not such a required to improve quality. Please understand these only serve todisqualify to other vendors and this will also prove to be a disadvantage price-wise in relation for disposables used on Apheresis machine. Therefore you are requested to kindly remove the above point and generalize the tender specification which is attached. (Speciifcation provided by the vendor)	No Change	
Para 3	Built in automated protocols for majority (4 of 6) of the below procedures, which all should be US-FDA or European CE approved. An undertaking by the manufacturer mandatory regarding the product model being most recent globally		**Built in automated protocols for majority (4 of 6) of the below procedures.**	For better clarity
Para 6	Built in Leukoreduction (<5 x 106) for Platelets & Plasma using elutriation (eg LRS chamber) or other patented technology which is NOT based on leukoreduction filter		No Change	
Para 22	European CE with 4 digit notified body no. or US-FDA or BIS approval and necessary approval from the licensing authority in India for the apheresis kit		**The offered model should be European CE with 4 digit notified body no. or US-FDA or BIS approved.** **The apheresis kit**	For better clarity

			should have necessary approval from the licensing authority in India.	

Response To Pre-Bid Queries (Pre-Bid date: 24.01.2022)				
GeM Bid No: GEM/2022/B/1848857 dated 17.01.2022				
Item 24 - Micro plate Tabletop Centrifuge with Swing out Rotor				
Tender Page & Para	**TENDER SPECIFICATION**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**	**JUSTIFICATION**
Para 23	Demonstration of performance of equipment is compulsory in nearby area failing to which will be disqualification.	As per committee discussion	**Bidder have to arrange demonstration of the quoted model (if required)**	For better clarity

All other contents of the Bid Document including terms & conditions remain unaltered.

Note:

I. Prospective Bidders are also advised to check the website regularly prior to the closing date and time of online submission ofbids