Response to Pre-bid Queries (Pre-bid Meeting held on 17.09.2019)
NIB Ref: HITES/PCD/NCI-AIIMS/42/19-20

Tender ID: 2019_HLL_31185_1 (Blood Bank Equipment – Package 1)

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
Item No. 4 Portable Blood Donor Couch				
Page 45; Para 2	Not more than 24"W X 46" LX8"H	NA	**NA - TSEC Recommendation**	**To be amended as:** Not more than 24"W X **72"** LX8"H
Item No. 7 Water Bath				
Page 45; Para 1.1	Should be rectangular & volume within 20-25 liters	NA	**NA - TSEC Recommendation**	**To be amended as:** Should be rectangular & volume within **5-10** liters
Annexure 2C				
Page 50; SL no.3	Fistula needles 16" gauge : 50000 (Qty)	NA	**NA - TSEC Recommendation**	**To be amended as:** Fistula needles 16" gauge : **5000** (Qty)
Page 50; SL no.5	Beakers (40-100 ml) : 5000 (Qty)	NA	**NA - TSEC Recommendation**	**To be amended as:** Beakers **(100 ml)** : **500** (Qty)
Page 50; SL no.6	Conical flasks (100ml) : 2 (Qty)	NA	**NA - TSEC Recommendation**	**To be amended as:** Conical flasks (100ml) : **200** (Qty)
Page 50; SL no.7	Conical flasks (5000 ml) : 2 (Qty)	NA	**NA - TSEC Recommendation**	**To be amended as:** Conical flasks (5000 ml) : **50** (Qty)
Page 50; SL no.8	Measuring cylinder (glass) (100-1000 ml) : 2 (Qty)	NA	**NA - TSEC Recommendation**	**To be amended as:** Measuring cylinder (glass) **(100, 500, 1000 ml)** : **100 each** (Qty)

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Tender ID: 2019_HLL_31185_2 (Blood Bank Equipment – Package 2)

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
I. Scope of Work				
Page 51; Para 2	The Planning & designing of the Blood Bank should be strictly as per D & C Act, (Drug and Cosmetic Act) WHO Guidelines (Design Guidelines for Blood Centres), NACO and CDSCO Guidelines	Terumo Penpol	We the vendors can provide the required products as per tender , we can carryout the turnkey project as per the plan and design given by the hospital and each component should be made crystal clear in the tender document so that the bidder can calculate the cost of execution accordingly. **This point should be amended as -** The planning and designing of the Blood Bank has been done strictly as per D&C ACT and WHO guidelines, NACO and CDSO guidelines. The bidder will have to carryout the work strictly as per the given plan and design.	**Clarified as:** In Point no.13 of scope of work, it is already required by the bidder to visit the site for assessment of work. **No further change recommended.**
Page 51; Para 4	Planning & Designing of the Blood Bank should be in such a way that the functional flow should be unidirectional. The pressure, temperature, humidity and other physical and functional barriers of various areas in Blood Bank have to be according to D&C Act, WHO, NACO and CDSCO Guidelines			
Page 51; Para 5	BOQ item's specifications for various areas of Blood Bank are specified in Annexure -1 and item wise prices asked in the price bid format. The offered items should be as per BOQ and should match technical specifications mentioned in the tender. In case quantity of items is not mentioned in BOQ the same has to be provided as per the given load for 710 beds.	Terumo Penpol	This is ambiguous and it will not be possible to calculate the cost of those items whose quantity is not known , we request to provide the minimum number of quantity which may be required for those items of which the exact quantity is not known. The unit price of every items will be quoted by the bidder. The quantity required above the minimum number will have to be paid as per the actual utilization.	**Clarified as:** Quantities against each item are mentioned in the price format given in CPP etendering portal. However, the same shall be provided in the Tender Enquiry Document while issuing amendment.
Item No. 1 : Blood Collection Monitor				
Page 53; Para 1	Should have facility to preset total volume of blood to be collected and accordingly monitor and display amount collected. It should have facility to clamp to stop the collection of blood as soon as preset volume is collected and not allow over collection. Should have the facility for LIS integration (preferably wireless).	Terumo Penpol	Last sentence says, Should have the facility for LIS integration (preferably wireless) : - **Wireless integration of the system will make the cost very high. Request to please omit this point**	**No change considered**
Item No. 2 : Blood Donor Couch				
Page 53; Para 3	Should have automatic adjustment of arm-rest to adjust seat width and support for comfortable phlebotomy. Two adjustable arm-rest of length	Terumo Penpol	Request to amend automatic adjustment to Automatic/manual adjustment	**To be amended as:** Should have **automatic/manual** adjustment of arm-rest to adjust seat width and support

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
	more than 50 cm and width of 15 cm to set the arm position to the donor's comfort.			for comfortable phlebotomy. Two adjustable arm-rest of length more than 50 cm and width of 15 cm to set the arm position to the donor's comfort.
Page 53; Para 4	Material should be waterproof with rounded borders and easy to clean.	Terumo Penpol	Request to omit Point 4	**No change considered**
Page 54; Para 13	Should have central locking with locking lever. Couch should be movable with wheels with locking facility.	Terumo Penpol	Request to omit Point No 13 page no 54 first line should have central locking with locking lever	**To be amended as: Couch should be movable with wheels with locking facility.**
Item No. 3 : Blood Bank Refrigerator - 400 L				
Page 54; Para 13	Independent safety thermostat to avoid negative temperatures.	Terumo Penpol	Point No-8 Independent safety thermostat to avoid negative temperatures , request to omit this point as this is specific to one company .	**To be amended as: Safety thermostat to avoid negative temperatures.**
Item No. 4 : Platelet Agitator cum Incubator (Upright Model) (150-200 random donor platelet units)				
Page 55; Para 4	Capacity: 150-200 random donor platelet units	Terumo Penpol	Provision to quote two units of 96 RDP each should be provided to match the load requirement.	**To be amended as:** Capacity: 150-200 random donor platelet units. **Bidder may propose suitable alternative number of equipment to commensurate the said workload.**
Page 55; Para 5.c	Must have at least 2 temperature sensors with digital temperature (LED) display with 0.1 °C graduation.	NA	Recommendation by TSEC	**To be amended as:** Must have at least **1-2** temperature sensors with digital temperature (LED) display with **0.1-0.5 °C** graduation.
Item No. 5 : Platelet Agitator cum Incubator (Upright Model) (48 random donor platelet units)				
Page 57; Para 5.c	Must have at least 2 temperature sensors with digital temperature (LED) display with 0.1 °C graduation.	Terumo Penpol	**Request to amend :** Must have at least 1 temperature sensors with digital temperature (LED) display with 0.1 – 0.5 °C graduation.	**To be amended as:** "Must have at least **1-2** temperature sensors with digital temperature (LED) display with **0.1-0.5 °C** graduation."
Item No. 6 : Deep Freezer (-40˚C) 400 L				
Page 58; Para 19	It must have automated defrost or a heating device on frame to avoid condensation	Terumo Penpol	It must have automated defrost : - Request to amend it to **It must have automated/manual defrost**	**To be amended as:** It must have **automated/manual** defrost or a heating device on frame to avoid condensation.

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
Item No. 7 : Deep Freezer (-80˚C) 400 L				
Page 59; Para 7	Automatic closing of front door below a opening angle of 90˚	Terumo Penpol	Request to amend it to **Automatic/manual closing of front door below a opening angle of 90˚.**	**To be amended as:** "**Automatic/manual** closing of front door below a opening angle of 90˚ "
Page 59; Para 13	System should have washable condenser filter to maintain peak cooling efficiency. System should have automatic voltage boost compensations for low voltage conditions.	Terumo Penpol	System should have washable condenser filter to maintain peak cooling efficiency. : - **Request to omit this line.**	To be amended as "**System should have automatic voltage boost compensations for low voltage conditions.**"
Item No. 8 : Dielectric Tube sealer (Bench top)				
Page 60; Para 7	Should have an option of extended portable hand unit with coaxial cable of 1.5-2.0 meter.	Terumo Penpol	**Request to omit this line**	Para to be **"Deleted"**
Item No.9 : Sterile Connecting Device				
Page 60; Para 11	Firm will have to supply compatible UPS with minimum half hr backup along with the equipment free of cost.	Terumo Penpol	In page No 89 point no 12 centralized UPS of 40 KVA is already asked therefore request to omit this point.	Para to be **"Deleted"**
Item No.10 : Aphaeresis Machine – Type 1				
Page 61; Para 20 a & b	20. Additional accessories : a. Suitable online UPS for min 1 hr backup with maintenance free batteries b. All consumables required for installation & standardization should be supplied	Terumo Penpol	In page No 89 point no 12 centralized UPS of 40 KVA is already asked therefore request to omit this point.	**To be amended as:** 20. Additional accessories: a. **Deleted** b. All consumables required for installation & standardization should be supplied
Item No.11 : Aphaeresis Machine – Type 2				
Page 62; Para 20 a	20. Additional accessories : a. Suitable online UPS for min 1 hr backup with maintenance free batteries	**NA**	**Recommendation by TSEC**	**To be amended as:** 20. Additional accessories : **a. Deleted**
Item No.14 : Electronic Double Pan Component Balance				
Page 63; Para 13	Equipment should have USFDA or European CE certification.	**NA**	**Recommendation by TSEC**	Para to be **"Deleted"**
Item No.15 : Plasma thawing bath				
Page 64; Para 14	UPS of suitable rating should be supplied.	Terumo Penpol	In page No 89 point no 12 centralized UPS of 40 KVA is already asked therefore request to omit this point.	Para to be **"Deleted"**
Item No.16 : Haemostatic Analyzer				
Page 65; Para 11	It should have low molecular weight heparin management	Terumo Penpol	In general blood bank settings there is no relevance of LMWH However we can detect it by running Item. Request to remove, LMWH.	**No change considered**

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
Page 65; Para 12	It should have the facility to assess platelet inhibition w.r.t. antiplatelet drugs.	Terumo Penpol	In general blood bank settings there is no relevance of monitoring of antiplatelet drugs. Request to remove.	**No change considered**
Item No.17 : Refrigerated Blood Bag Centrifuge - 12 bags				
Page 65	Name of the Item : Refrigerated Blood Bag Centrifuge - 12 bags	**NA**	**NA - Recommendation by TSEC**	**Name to be changed as : Refrigerated Blood Bag Centrifuge**
Page 65; Para 1	Design: Stable, sturdy all-steel design with stainless steel rotor chamber. Easy to clean / corrosion resistant paintings & provision of both drain and condense water collection.	Terumo Penpol	This may be kindly amended to read "Stable, Sturdy all Steel design with Stainless steel rotor chamber. Easy to clean/corrosion resistant paintings & with or without provision of both drain port and condense water collection, as per design of the machine"	**To be amended as: Design: Stable, sturdy all-steel design with stainless steel rotor chamber. Easy to clean / corrosion resistant paintings.**
Page 66; Para 4	Max. volume: Should be able to accommodate twelve 350 ml and 450 ml single, double, triple, quadruple, quintuple blood bags with SAGM bag and empty satellite bags with 'In Line filter system'.	**NA**	**NA - Recommendation by TSEC**	**To be amended as:** Max. volume: Should be able to accommodate **twelve or sixteen** 350 ml and 450 ml single, double, triple, quadruple, quintuple blood bags with SAGM bag and empty satellite bags with 'In Line filter system'.
Page 66; Para 14	Warm air Outlet: From sides and rear of the Machine	Terumo Penpol	Please kindly amend this to mention, "Warm air outlet- from Front, Rear or sides as per the design of machine".	**To be amended as:** Warm air Outlet: From sides and **rear/front** of the Machine
Page 66; Para 15.1	Swing-out rotor with wind shield, should be able to accommodate twelve-sixteen 350ml and 450ml single, double, triple, quadruple/ quintuple blood bags with SAGM bag and empty satellite bags with In Line filter system.	Terumo Penpol	This may kindly be amended to read "Swing out rotor, with or without wind-shield as per design of manufacturer, should be able to accommodate twelve 350 ml and 450 mi Single, double, triple, quadruple/ quintuple blood bags with SAGM bag and empty satellite bags with in-line filter system	**No change considered**
Page 66; Para 15.2	Eight (6) buckets (one bucket for 2 blood bags) for centrifuging 12 units of bags.	Terumo Penpol	Both of these specifications mention that 12-16 bags and eight (6) buckets for centrifuging 12 bags, giving an impression that an 8 bucket, 16 bag centrifuges is required. It may please be amended to clearly specify 12 Blood bags only and 6 bucket rotors only	**To be amended as:** **Six or Eight (6 or 8)** buckets (one bucket for 2 blood bags) for centrifuging **12 or 16** units of bags.
		Span Healthcare Pvt.Ltd	There is a mismatch between the numeric and alphabetic requirement of the number of buckets Eight (6)- Please clarify the requirement	
Page 66; Para 15.3	15.3 Removable Plastic inserts, for centrifuging twelve-sixteen 350ml and 450ml single, double, triple, quadruple/ quintuple blood bag system	Terumo Penpol	Both of these specifications mention that 12-16 bags and eight (6) buckets for centrifuging 12 bags, giving an impression that an 8 bucket, 16 bag centrifuges is required.	**No change considered**

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
	with SAGM bag and empty satellite bags with In Line filter system for preparing blood components like Red Blood Cells, Plasma/ FFP/ Platelets concentrate and Cryoprecipitate.		It may please be amended to clearly specify 12 Blood bags only and 6 bucket rotors only	
Page 67; Para 16	Noise Level should be less than 60 dB	NA	Recommendation by TSEC	**To be amended as:** Noise Level should be less than **70 dB**
Item No.19 : Table Top Centrifuge				
Page 67; Para 1	Must perform in wide temperature range (0-45°C) and in humidity of up to 90%.	NA	Recommendation by TSEC	Para to be **"Deleted"**
Item No.21 : Automated 5-part blood cell counter				
Page 69; Para 5	Should have an Auto Sampler with capacity of at least 100 tubes at a given time. A single sample rack should be able to accommodate tubes of different sizes.	Rapid Diagnostics	**Change Requested/Amendment:** Should have an Auto Sampler with capacity of at least 50 tubes at a given time. **Remarks:** 50 tubes at a given time with continuous loading is enough to handle good workload and smooth operations.	**To be amended as:** Should have an Auto Sampler with capacity of at least **20** tubes at a given time. A single sample rack should be able to accommodate tubes of different sizes.
		Terumo Penpol	Request you to amend it with continuous autoloading with 20 tube capacity as that is the maximum required for any blood bank set up.	
Page 69; Para 6	Should have throughput of at least 100 samples per hour in CBC and CBC / Diff. mode & 70 samples per hour in Retics mode.	Terumo Penpol	Throughput of 70 sample/hr. is sufficient for any blood bank set up.	**To be amended as:** Should have throughput of at least **50** samples per hour in CBC and CBC / Diff. mode & **30** samples per hour in Retics mode.
Page 69; Para 8	Dual differential count for WBC	Terumo Penpol	There is no instrument available for dual differential count. Request you to amend with 5/6-part differential count for WBC	Para to be **"Deleted"**
Page 70; Para 25	UPS required to run the instrument should be provided free of cost by the firm.	Terumo Penpol	In page No 89 point no 12 centralized UPS of 40 KVA is already asked therefore request to omit this point.	Para to be **"Deleted"**
Item No. 22 : Coagulation Analyzer				
Page 70; Para 13	Must have Battery backup for temperature recordings and alarms which is especially needed during power failure/fluctuations.	Rapid Diagnostics	**Should be deleted.** As it is not applicable for fully automated random access coagulation analyzer.	Para to be **"Deleted"**
Item No.25 : Reagent Refrigerator				
Page 72; Para 8	Independent safety thermostat to avoid negative temperatures.	Terumo Penpol	Request to omit this as this is specific to a company.	**To be amended as:** **Safety thermostat to avoid negative temperatures.**

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
Item No.27 : Bacterial Detection System				
Page 74; Para 13	The culture bottles should be made of unbreakable plastic with long neck and should be fully compatible with holders without the need for a special adapter.	Terumo Penpol	Our suggestion is culture bottle make will Glass / Plastic for better Patient care.	**To be amended as:** The culture bottles should be made of **unbreakable plastic / Glass** with long neck and should be fully compatible with holders without the need for a special adapter.
Item No.28 : Blast Freezer				
Page 74, Para 2	Minimum capacity of 24 bags of 250ml liters.	NA	Recommendation by TSEC	**To be amended as: Minimum capacity of 24 bags of 250ml.**
Item No.33 : Whole Blood Automation Device				
Page 79	NA	Span Healthcare Pvt.Ltd	**Item no. 33- Whole blood Automation Device is a proprietary item and cannot be a part of an open tender. It should be tendered separately :-** There is not a single installation at which the equipment has been purchased or is being operated routines - both the installations they have are entirely evaluatory in effect. If the competitor commits to provide this system to Span at the same price at which they will Bid themselves - there will be no loss to AIIMS and SPAN will also not be disadvantaged in any way in the bidding process. In turn, SPAN commits to provide the competitor the product at the same price at which we will tender our equipment.	**Clarified as:** The item in the query is appeared to be proprietary in nature in the whole package of this tender. It was proposed during prebid meeting that proprietary concern should maintain their price for this item at par to all the participant bidder(s) at which they would intent to offer their own price in this tender. All the bidders who were present in this meeting agreed to this proposal. **The same is applicable for all other proprietary items included in all the packages of the tender.**
Annexure 2A				
Page 85	Annexure 2A	Terumo Penpol	We think there is misprint in the quantity as the requirement will be less in blood bank. One zero in quantity can be reduced in all parameters.	**No. of tests (A), To be amended as:** **CBC : 1,50,000** **CBC + Diff : 1,50,000** **CBC + Diff + Retic : 75,000**
Annexure 2C				
Page 86	Annexure 2C	Terumo Penpol	We think there is misprint in the quantity. When institute will use 2 lacks bags with integral filters s.no- 3 and institute is also purchasing whole blood automation device page no 79 then the requirement of serial no 5 & 8 will be hardly ten thousand for 10 years. One zero from serial no 5 and 8 should be omitted.	**Quantity (H) To be amended as:** **5. Platelet Filter : 10,000** **8. RBC filter : 10,000**

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
Annexure - 3 : Turnkey works under Package-2				
Page 88 Para 8	Bidder has to install CCTV cameras covering all major areas with recording of 60 days.	NA	Recommendation by TSEC	**To be amended as:** Bidder has to install CCTV cameras covering all major areas with recording of 60 days. **Required number of cameras for the blood bank : 30Nos.** **Specs: Full HD1020p, Colour and Night vision enabled.** **(Suggested make: Godrej/ Hikvision/ CP Plus)**
Page 88 Para 9	Bidder has to install portable PA system (microphones and speakers) in the following area	NA	Recommendation by TSEC	**To be amended as:** Bidder has to install portable PA system **(microphones - 3 Nos and speakers - 30 Nos)** in the following area.
Page 88 Para 10	10. Bidder has to plan following rooms as per cGMP guidelines. 1. Component Lab 2. NAT Lab 3. TTI Lab (Chemiluminescence Lab)	NA	Recommendation by TSEC	**To be amended as:** 10. Bidder has to plan following rooms as per cGMP guidelines. 1. Component Lab **2. Deleted** 3. TTI Lab (Chemiluminescence Lab)
Page 89 Para 14	Bidder has to provide Poster Printer with suitable specification that can print posters for Camp purposes.	NA	Recommendation by TSEC	**To be amended as:** Bidder has to provide Poster Printer with suitable specification that can print posters for Camp purposes. **(Suggested Makes: Epson/HP/Ricoh)**
Page 89 Para 18.v	Furniture - Hermen Miller, Godrej, Featherlite, Wipro	NA	Recommendation by TSEC	**To be amended as:** Furniture - Hermen Miller, Godrej, Featherlite, Wipro, **Geeken, Durian**
Page 89 Para 19	19. Electrical works :	Span Healthcare Pvt.Ltd	As per the tender, the bidder will have to quote for the turnkey works under Package 2. Section 19 (Electrical Works) Point No 1 mentions that "Institute will provide three phase supply at one point in the Blood Bank area and all remaining work to be done by the bidder".	**Clarified as:** Institute will provide adequate power supply and load for smooth running of the equipment and other power consuming ancillaries like Air Conditioners etc.

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
			We would require that the Institute will provide adequate power supply and load for smooth running of the equipment and other power consuming ancillaries like Air Conditioners etc. The total power supply required can be intimated after the final approval of the design.	
NA	NA	Span Healthcare Pvt.Ltd	It will be required by the winning bidder that during the construction phase, adequate and continuous power supply is available to the bidder to ensure continuous working (generator backup).	**Clarified as:** Institute will provide adequate power supply.
NA	NA	Span Healthcare Pvt.Ltd	Adequate water supply to run the blood bank and during the time of construction will also be required by the winning bidder. The total water supply required can be intimated after the final approval of the design.	**Clarified as:** Institute will provide adequate water supply.
II. Triple Blood Bags (350 ml)				
Page 100; Para 9.e	The expiry date should be at least 2 years from the date of supply of blood bags to the institute	Terumo Penpol	Request to amend it as The expiry date is least 2 years from the date of manufacture of blood bags.	**To be amended as:** The expiry date should be at least **1 year** from the date of supply of blood bags to the institute.
Page 100; Para 12 a	**12. Automated component extractor** a. To be provided by the manufacturer along with all the required documentations	Terumo Penpol	If it has to be placed free of charge, it should be mentioned in that case AMC/CMC should be omitted. Quantity should be specified. Automated Component Extractor - It's not required with Triple Bags. Request to omit.	Para to be **"Deleted"**
Page 101; Para 13 a	**13. Sterile connecting device with consumables** a. To be provided by the manufacturer to use filters in a closed system	Terumo Penpol	It should be omitted because institute is already buying this device in serial No 09 page no 60.	Para to be **"Deleted"**
Page 102; Para 14 a	14. QC parameters of component(s) a. Detailed QC parameters of the components are to be provided for evaluation	Terumo Penpol	Name of the QC parameters should be specified	**Clarified as:** The QC parameters are mentioned in Page 98, under heading 'I. General Specifications for all Blood Bags' .
IV .Quadruple Blood Bags 450 ml				
Page 101; Para 9 e	The expiry date should be at least 2 years from the date of supply of blood bags to the institute	NA	Recommendation by TSEC	**To be amended as:** The expiry date should be at least **1 year** from the date of supply of blood bags to the institute.

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
Page 101; Para 12 a	**12. Automated component extractor** a. To be provided by the manufacturer along with all the required documentations	NA	Recommendation by TSEC	Para to be **"Deleted"**
Page 101; Para 13 a	**13. Sterile connecting device with consumables** a. To be provided by the manufacturer to use filters in a closed system	NA	Recommendation by TSEC	Para to be **"Deleted"**
V. Top & bottom Blood Bags 450ml with Integral filters				
Page 102; Para 9 e	**9. Label:** e. The expiry date should be at least 2 years from the date of supply of blood bags to the institute	Terumo Penpol	Request to amend it as The expiry date is least 2 years from the date of manufacture of blood bags.	**To be amended as:** The expiry date should be at least **1 year** from the date of supply of blood bags to the institute.
Page 103; Para 12 d	**12. Inline filter for RBC** d. Should have 500-600 ml capacity transfer bag attached.	Terumo Penpol	Transfer bag capacity is 450 ml. Request to amend	**To be amended as:** Should have **> 400 ml** capacity transfer bag attached.
Page 103; Para 13 a	**13. Automated component extractor** a. To be provided by the manufacturer along with all the required documentations	Terumo Penpol	How many units of component extractors is to be provided should be mentioned.	**To be amended as:** 13. Automated component extractor **(2 Nos)** a. To be provided by the manufacturer along with all the required documentations.
Page 103; Para 14 a	**14. QC parameters of component(s)** a. Detailed QC parameters of the components are to be provided for evaluation	Terumo Penpol	In Point No 14 name of the QC parameters should be mentioned.	**Clarified as:** The QC parameters are mentioned in Page 98, under heading 'I. General Specifications for all Blood Bags' "
VI. Specification for Leukocyte Filters				
Page 103; Para 5	Should have 500-600 ml capacity transfer bag attached	Terumo Penpol	The transfer bag is of 450 ml ,request to amend	**To be amended as:** Should have **> 400 ml** capacity transfer bag attached.
Page 103; Para 6	Sterile connecting device with the cost of consumables/disposables should be provided by the firm to use filters in a closed system. One for each filter.	Terumo Penpol	Institute is already buying Sterile connecting device (in serial no.9, page no-60) and the rate of its consumables is also asked to quote. Hence its repetition. Request to omit this point	**To be amended as:** **One wafer for sterile connecting device for each filter must be supplied.**
Page 103; Para b.10	Sterile and should have minimum 24 months of shelf life	NA	Recommendation by TSEC	**To be amended as:** Sterile and should have minimum **12 months** of shelf life.

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
Page 103; Para b.11	The device can be used with an automatic component extractor, a plasma stand or just by using gravity.	Terumo Penpol	Page No 103 Serial No VI-(Specification for leukocyte filters) Point No 11 and 12 should be omitted because institute is already buying sterile connecting device (page no.60) and component extractor is already mentioned in other bags .	**No change considered**
Page 103; Para b.12	Sterile connecting device including the cost of consumables should be provided by the firm. 4-5 per filter to be provided by the firm.	Terumo Penpol		**To be amended as: 5 wafers for sterile connection per filter to be provided by the firm.**

Tender ID: 2019_HLL_31185_3 (Molecular Immuno-Haematology Lab Equipment)

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
Page 105; Para g	g) Comprehensive training should be provided for operations, maintenance and chemistries. Supplier must provide training kits, reagents and consumables free of cost. Training for the staff must happen for at least 5 years. (i) Off-site training: The firm must provide such training for a period of 2 weeks (including travel, local logistics and accommodation etc.) for a total of 6 persons (2 persons/ year). Additionally, the Dept. reserves the right to increase or decrease the number of persons who will be sent for training. (ii) On-site training: The vendor should provide onsite training for user department/s for at least 4 weeks after successful installation of the equipment.	Immucor	Item NO 3 Molecular Immunohematology Lab has a requirement for offsite training of 2 person every year which is not possible for all the items. As no company is manufacturing all the items. it is not possible for offsite training of all the items. Some can be done while some may not . We request to remove offsite training mandate and keep it as optional. Onsite training will be provided for all the items.	**To be amended as:** g) Comprehensive training should be provided for operations, maintenance and chemistries. Supplier must provide training kits, reagents and consumables free of cost. Training for the staff must happen for at least 5 years. (i) Off-site training **(Need based - Optional)** : The firm must provide such training for a period of 2 weeks (including travel, local logistics and accommodation etc.) for a total of 6 persons (2 persons/ year). Additionally, the Dept. reserves the right to increase or decrease the number of persons who will be sent for training. (ii) On-site training: The vendor should provide onsite training for user department/s for at least 4 weeks after successful installation of the equipment.
Item No 2 : Fully Automated Nucleic Acid Extraction System with compatible Automated Liquid Handler				
Page 106; Para 3	The system should realize cost effectiveness through automated dispensing of buffers into standard plastic devices instead of using expensive prefilled cartridges.	Roche	**Roche Comments:** The prefilled cartridges are also to be allowed as these are better for preventing the contamination. **Required Specification in Tender:** The system should realize cost effectiveness through automated dispensing of buffers into standard plastic devices or prefilled cartridges.	**To be amended as:** The system should realize cost effectiveness through automated dispensing of buffers into standard plastic devices **or** expensive prefilled cartridges.
Page 106; Para 6	The system should capable to do the sample volumes 10 µl – 10 ml and 1-16 samples or better in a batch.	Roche	**Roche Comments:** 10 µl is very low volume for extraction and downstream application. **Required Specification in Tender:** The system should capable to do the sample volumes 50uL-4ml and it should also capable to process 1- 24 samples.	**To be amended as:** **The system should capable to process 1-16 samples or better in a batch**

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
Page 106; Para 8	System should be provided with a compatible automated, bench-top liquid handling platform offering complete enclosure, pipetting volume (1-1000 µl), HEPA filter, UV light, heater, shaker etc. (Make: Hamilton, Beckman Coulter, Promega, PE or equivalent) for smooth integration and workflow automation.	Roche	**Roche Comments:** Nucleic Acid Extraction system as such does not require Liquid Handling System. **Required Specification in Tender:** Liquid Handling Platform should be removed from current specification and should asked as a separate instrument in the same tender.	**To be amended as:** System should be provided with a compatible **automated/semi-automated**, bench-top liquid handling platform offering complete enclosure, pipetting volume **(up to 1000 µl or better)**, HEPA filter, UV light, heater, shaker etc. for smooth integration and workflow automation.
		Vision Diagnostics	**Make should be deleted.**	
Item No 1 : Bead-based Array system for Blood group Genotyping				
Page 105; Para 1	An online bead-based array system should perform HEA, HPA, RHCE, RHD Variant typing by DNA analysis and all other test available for the platform.	Vision Diagnostics	**Suggested Changes :** An online bead-based array/Molecular based system should perform HEA, HPA, RHCE, RHD Variant typing by DNA analysis and all other test available for the platform. **Justified reason :** Many reputed companies are available with same sensitivity and technology but with different platforms. Bead based array system available with only one company.	**No Change considered**
Page 105; Para 2	It should be a 96-bead based plate reader and 8 well bead-based strip reader system.	Vision Diagnostics	**Suggested Changes :** It should be a 96- based plate reader system. **Justified reason :** 8 Well Strip not required since this is equipment specific point.	**No Change considered**
Page 105; Para 3	The instrument should have automatic plate & strip (8-wells) reading procedure once initiated and capacity to analyze 96 wells per batch (Maximum).	Vision Diagnostics	**Suggested Changes :** The instrument should have automatic plate reading procedure once initiated and capacity to analyze 96 wells per batch (Maximum). **Justified reason :** 8 Well Strip not required since this is equipment specific point.	**No Change considered**
Page 105; Para 5	The accuracy or precision of the instrument should be good & the equipment should be provided with a hybridizer (Boekel Oven).	Vision Diagnostics	**Suggested Changes :** The accuracy or precision of the instrument should be good & the equipment should be provided with a hybridizer (Boekel Oven), if required. **Justified reason:** Hybridizer (Boekel Oven) is required with only bead-based array system.	**No Change considered**

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
Page 106; Para 8	The software should be capable of providing reports in a batch and individual reports of the sample in a fixed array-based reporting format.	Vision Diagnostics	**Justified reason:** The software should be capable of providing reports in a batch and individual reports of the sample in a fixed array /Molecular based reporting format. **Justified reason:** Bead-based array system available with only one company.	**No Change considered**
Item No 3 : Real Time PCR				
Page 107; Para 1	Dye compatibility - FAM, SYBR Green, VIC, JOE, HEX, TET, TAMRA, ROX, Texas Red, Cy5, and Quasar 705	NA	**Recommendation by TSEC**	**To be amended as: Dye compatibility - FAM, SYBR Green, VIC, JOE, HEX, TET, TAMRA, ROX, Texas Red, Cy5.**
Page 107; Para 2	Applications: Gene expression, miRNA profiling, SNP genotyping, Copy number variation, Protein thermal shift, High resolution melt, Pathogen detection	Roche	**Roche Comments:** Roche does not have Protein thermal shift application. Should be removed. **Required Specification in Tender:** Applications: Gene expression, miRNA profiling, SNP genotyping, Copy number variation, High resolution	**No Change considered**
Page 107; Para 5	Sensitivity (resolution): Detect changes as little as 1.5-fold in target quantities in a single plex reaction and Sensitivity (No. of copies): 1 copy	Roche	**Roche Comments:** Changes Required. 1.5 fold is achievable but not written in the brochure. **Required Specification in Tender:** Sensitivity (resolution): Detect changes as little as 2-fold in target quantities in a single plex reaction and Sensitivity (No. of copies): 1 copy	**No Change considered**
Page 107; Para 6	Ramp rate 5°C/sec or more and Average ramp rate 3.3°C/sec	Roche	**Roche Comments:** Deviation. Ramp rate 4.4. °C / sec is suffecient to perform any fast assay. **Required Specification in Tender:** Ramp rate 4.4. °C / sec and 2.2 °C/ sec cooling and Average ramp rate 3.3 °C/ sec.	**No Change considered**
Page 107; Para 7	Temperature uniformity 0.4°C with Minimum six different temperatures maintained by 96-well block	Roche	**Roche Comments:** Changes Required. In the real time PCR there is no requirement of the gradient feature. **Required Specification in Tender**: The temperature uniformity should be 0.4°C- 0.8°C. The system can be programmed from 37 to 99 degree.	**No Change considered**
Page 107; Para 9	Temperature range 4–99.9°C	Roche	**Roche Comments:** Changes Required. Temperature Range: 37- 99°C - which is sufficient for all types of reactions. It can have 20°C starting temperature to perform specific melting curve analyses. cobas z480	**No Change considered**

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
			real time PCR system has well proven Peltier elements also has additional Therma Base Layer specially designed for block homogeneity for improved data reproducibility. Cobas z480 System block cycler temperature control through the introduction of a highly efficient heat-equalizing technology (Therma-Base) between the heat block and the cooling element. By removing the effects of spreading resistance, the thermal block cycler provides unparalleled well-to-well temperature homogeneity, by minimal inter-well temperature variability across the entire multiwell plate. **Required Specification in Tender:** Temperature Range: 37- 99°C	
Page 107; Para 10	Range of excitation/emission wavelength nm 450-730 (nm)	Roche	**Roche Comments:** Changes Required. **Required Specification in Tender:** 465-700 nm	**No Change considered**
Page 107; Para 14	Excitation/emission detection range 96-well: 450–680/500–730 nm	Roche	**Roche Comments:** Changes Required. **Required Specification in Tender:** Excitation- 465-680 , Emission-510- 700	**No Change considered**
Item No 8 : Gel-documentation System				
Page 109; Para 1	The system should have different mode of operational options for fluorescence, protein gel, or nucleic acid gel.	Vision Diagnostics	**Suggested Changes :** The system should have different mode of operational options for fluorescence, protein gel, or nucleic acid gel and having possibility to upgrade to Chemi-Doc **Justified reason:** More advance technology.	**No Change considered**
Item No 20 : Consumables Annexure – 2A				
Page 113; Para 36	Kits for HEA by bead array-based DNA analysis Assay	Vision Diagnostics	**Suggested Changes :** Kits for HEA by bead array-based / Molecular DNA analysis Assay **Justified reason:** Bead based array is company specific technology.	**No Change considered**
Page 113; Para 37	Kits for HPA by bead array-based DNA analysis Assay	Vision Diagnostics	**Suggested Changes :** Kits for HPA by bead array-based / Molecular DNA analysis Assay. **Justified reason:** Bead based array is company specific technology.	**No Change considered**

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
Page 113; Para 38	Kits for RHCE & RHD Variants typing by bead array-based DNA analysis Assay	Vision Diagnostics	**Suggested Changes:** Kits for RHCE & RHD Variants typing by bead array-based / Molecular DNA analysis Assay. **Justified reason:** Bead based array is company specific technology.	**No Change considered**
Page 113; Para 40	Multiplex bead-based typing for HLA (A, B, C, DP, DQ, DR)	Vision Diagnostics	**Suggested Changes :** Multiplex bead-based / Molecular typing for HLA (A, B, C, DP, DQ, DR) **Justified reason:** Bead based array is company specific technology.	**No Change considered**
Page 113; Para 41	RT PCR based assay for all available Blood group antigens (SSO/ SSP)	Vision Diagnostics	**Suggested Changes :** RT PCR / Molecular based assay for all available Blood group antigens (SSO/ SSP) **Justified reason:** Made more precise	**No Change considered**

Tender ID: 2019_HLL_31185_4 (Automatic Nucleic Acid Testing System)

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
Page 115; Para 4	The platform should be capable to test samples individually.	Roche	**Explanations:** Since 1999, year on year FDA has approved multiple kits from various manufacturers such as UltraQual HIV-1 & HCV, Procleix HIV-1/HCV, cobas ampliscreen, Procleix Ultrio, HIQ-PCR, cobas TaqScreen MPX, Procleix Ultiro Plus, cobas Taqscreen MPX v2.0 and cobas MPX tests intended to be used for blood screening either in individual testing (IDT) or Minipool (MP) format. Reference of this report and all the above mentioned test is detailed in the references section. Additionally, in October 2004, FDA issued a final guidance "Use of Nucleic Acid Tests on Pooled and Individual samples from Donors of Whole Blood& Blood components (including source plasma & source leucocytes) to adequately & appropriately reduce the risk of transmission of HIV-1 & HCV". Individual and Minipool are testing methodologies which are used worldwide in equal proportions in countries such as USA, UK, Europe, Thailand, China, Vietnam etc, however in India these two methodologies are restricted to specific suppliers. Hence considering one of them will exclude the other to participate. However, the efficiency and sensitivity of the test performance has no impact due to methodologies opted, as both are approved by regulatory authorities such as CE-IVD, USFDA and India CDSCO etc for routine use in Blood Screening. Hence assay sensitivity and performance should be considered. Since the performance of Roche Minipool 6 NAT PCR is equivalent to TMA ID NAT or even better than TMA Minipool NAT, which is also evident from the shift of ID TMA NAT users to MP PCR NAT within India as well. **Suggested modification:** The platform should be capable to test samples in individual donor or mini pool format.	**To be amended as:** **The platform should test samples(Blood unit) individually."**
		Span Healthcare	**Explanations:** Since 1999, year on year FDA has approved multiple kits from various manufacturers such as UltraQual HIV-1 & HCV, Procleix HIV-1/HCV, cobas ampliscreen, Procleix Ultrio, HIQ-PCR, cobas TaqScreen MPX, Procleix Ultiro Plus, cobas Taqscreen MPX v2.0 and cobas MPX tests intended to be used for blood screening either in individual testing (IDT) or Minipool (MP) format. Reference of this report and all the above mentioned test is detailed in the references section. Additionally, in October 2004, FDA issued a final guidance "Use of Nucleic Acid Tests on Pooled and Individual samples from Donors of Whole Blood& Blood components (including source plasma & source leucocytes) to adequately & appropriately reduce the risk of transmission of HIV-1 & HCV".	

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
			Individual and Minipool are testing methodologies which are used worldwide in equal proportions in countries such as USA, UK, Europe, Thailand, China, Vietnam etc, however in India these two methodologies are restricted to specific suppliers. Hence considering one of them will exclude the other to participate. However, the efficiency and sensitivity of the test performance has no impact due to methodologies opted, as both are approved by regulatory authorities such as CE-IVD, USFDA and India CDSCO etc for routine use in Blood Screening. Hence assay sensitivity and performance should be considered. Since the performance of Roche Minipool 6 NAT PCR is equivalent to TMA ID NAT or even better than TMA Minipool NAT, which is also evident from the shift of ID TMA NAT users to MP PCR NAT within India as well. **Suggested modification:** The platform should be capable to test samples in individual donor or mini pool format.	
Page 115; Para 5	System must perform automated nucleic acid target capture or nucleic acid extraction, amplification, and detection all in a single tube to minimize sample handling and any chances of contamination.	Roche	**Explanation:** Single tube extraction and amplification is not the only measure for contamination control. In fact, performing amplification in an open tube is more prone to produce aerosol contamination due to evaporation. Thus, the best option is to have closed sample input and closed amplification output tube to avoid any cross contamination. Additionally, it's not only the number of tubes which affect contamination but the contamination control measures such as handling of tubes & waste affects the assay performance. Thus presence of inbuilt contamination control shall eliminate the risk of carryover contamination. **Suggested Modification:** System must perform automated nucleic acid target capture or nucleic acid extraction, amplification, detection including final viral discrimination from single vacutainer tube to minimize sample handling and any chances of contamination. Preferably the system should have inbuilt contamination control measures such as closed tube format, Uracyl – N – glycosylase for destruction on carry over amplicons, U.V light in the system for daily maintenance	**To be amended as:** System must perform automated nucleic acid target capture or nucleic acid extraction, amplification, and detection **all from** a single tube to minimize sample handling and any chances of contamination.
		Span Healthcare	**Explanation:** Single tube extraction and amplification is not the only measure for contamination control. In fact, performing amplification in an open tube is more prone to produce aerosol contamination due to evaporation. Thus, the best option is to have closed sample input and closed amplification output tube to avoid any cross contamination. Additionally, it's not only the number of tubes which affect contamination but the contamination control measures such as handling of tubes & waste affects the assay performance. Thus presence of inbuilt contamination control shall eliminate the risk of carryover contamination.	

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
			Suggested Modification: System must perform automated nucleic acid target capture or nucleic acid extraction, amplification, detection including final viral discrimination from single vacutainer tube to minimize sample handling and any chances of contamination. Preferably the system should have inbuilt contamination control measures such as closed tube format, Uracyl – N – glycosylase for destruction on carry over amplicons, U.V light in the system for daily maintenance	
Page 115; Para 7	Test procedure must be able to target & amplify two separate regions of HIV-1 genome.	Roche	**Explanation:** Currently in India, dual target is offered by one supplier, hence it's a lock-in specification. Moreover, considering the Blood screening test and NAT yield data/publication, it has been evident that even one region of HIV- 1 genome which is not under any drug target is sufficient to detect from donor samples. Thus having dual target with a drug pressure target site such as Polymerase gene, will not increase the levels of blood safety. Also if it's so important then all viral detection should have two regions. However, considering India, the prevalence and detection of HBV is very much important in NAT. Hence assay and test format having higher sensitivity of HBV should be preferred for implementing NAT testing for screening of donor Blood through NAT technology. **Suggested modification:** Test procedure is able to target & amplify highly conserved, preferably non drug pressure target regions for HIV-1, HIV-2, HBV & HCV.	**To be amended as:** Test procedure must be able to target & amplify **one-two** separate regions of HIV-1 genome."
		Span Healthcare	**Explanation:** Currently in India, dual target is offered by one supplier, hence it's a lock-in specification. Moreover, considering the Blood screening test and NAT yield data/publication, it has been evident that even one region of HIV- 1 genome which is not under any drug target is sufficient to detect from donor samples. Thus having dual target with a drug pressure target site such as Polymerase gene, will not increase the levels of blood safety. Also if it's so important then all viral detection should have two regions. However, considering India, the prevalence and detection of HBV is very much important in NAT. Hence assay and test format having higher sensitivity of HBV should be preferred for implementing NAT testing for screening of donor Blood through NAT technology. **Suggested modification:** Test procedure is able to target & amplify highly conserved, preferably non drug pressure target regions for HIV-1, HIV-2, HBV & HCV.	

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
Page 115; Para 9	The system must have throughput of minimum 300 samples in 8 hours and can be upgradable with addition of test platform units with increase in workload.	Roche	**Explaination :** Again with specified methodologies, it's a lock-in specification for one supplier while same/better output can be achieved by mini pool testing format with better efficiency. Also the above specification doesn't give a clarity on the final result including viral discrimination/identification, which is also an important for blood safety, as without viral discrimination, the blood bank will not be able to refer the donor to ICTC or Gastro. **Suggested Modification:** Fully automated NAT System should have throughput of minimum 300 donations per day, with viral discrimination results availability within additional 8 hours of reactive donor status result.	**No Change considered**
		Span Healthcare	**Explaination :** Again with specified methodologies, it's a lock-in specification for one supplier while same/better output can be achieved by mini pool testing format with better efficiency. Also the above specification doesn't give a clarity on the final result including viral discrimination/identification, which is also an important for blood safety, as without viral discrimination, the blood bank will not be able to refer the donor to ICTC or Gastro. **Suggested Modification:** Fully automated NAT System should have throughput of minimum 300 donations per day, with viral discrimination results availability within additional 8 hours of reactive donor status result.	
Page 115; Para 20	The sensitivity of assay at 95% LOD must be at least: (i) HIV: 50 IU/ml or better (ii) HCV: 8 IU/ml or better (iii) HBV: 5 IU/ml or better	Roche	**Explaination :** Since the assay format is being used for testing HIV 1-M group, HIV 1-O group, HIV 2, HBV & HCV, then the sensitivities of all the virus should be mentioned. Also considering the fast replication/doubling time HIV and HCV virus along with low prevalence, while HBV being a slow replicating virus with a high prevalence in general as well as donor population of our country, HBV sensitivity quoted should be the highest. Also it is important that the same sensitivity is available not only for virus identification but for viral discrimination as well, as this will eliminate the possibility of ambiguous or non-discriminated results, as the role of the blood bank is much larger than just restricting the safety parameters to patient. **Suggested Modification:** The sensitivity of assay at 95% LOD must be at least: a) HIV 1- M group: 60 IU/ml b) HIV 1-O group: 20 copies/ml c)HIV 2: 10 IU/ml d) HCV : 8 IU/ml e) HBV : 5 IU/ml	**To be amended as:** The sensitivity of assay at 95% LOD must be at least: (i) HIV: **60** IU/ml or better (ii) HCV: 8 IU/ml or better (iii) HBV: 5 IU/ml or better

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
		Span Healthcare	**Explaination :** Since the assay format is being used for testing HIV 1-M group, HIV 1-O group, HIV 2, HBV & HCV, then the sensitivities of all the virus should be mentioned. Also considering the fast replication/doubling time HIV and HCV virus along with low prevalence, while HBV being a slow replicating virus with a high prevalence in general as well as donor population of our country, HBV sensitivity quoted should be the highest. Also it is important that the same sensitivity is available not only for virus identification but for viral discrimination as well, as this will eliminate the possibility of ambiguous or non-discriminated results, as the role of the blood bank is much larger than just restricting the safety parameters to patient. **Suggested Modification:** The sensitivity of assay at 95% LOD must be at least: a) HIV 1- M group: 60 IU/ml b) HIV 1-O group: 20 copies/ml c)HIV 2: 10 IU/ml d) HCV : 8 IU/ml e) HBV : 5 IU/ml	
Page 116; Para 21	The specificity of the tests must be 100%	Roche	**Explaination:** No platform in world claims to be 100% specificity in NAT screening. Roche claims to have specificity of >99%. **Suggested Modification:** The specificity of test must be >99%. Hence we would request for kind consideration on above tender specification and kindly give us a chance to participate and submit our tender bid for the supply of our fully automated Nucleic Acid amplification testing system for screening of blood donation.	**To be amended as:** The specificity of the tests must be **> 99 %**
		Span Healthcare	**Explaination:** No platform in world claims to be 100% specificity in NAT screening. Roche claims to have specificity of >99%. **Suggested Modification:** The specificity of test must be >99%. Hence we would request for kind consideration on above tender specification and kindly give us a chance to participate and submit our tender bid for the supply of our fully automated Nucleic Acid amplification testing system for screening of blood donation.	
Page 116; Para 22	The firm must quote the cost of consumables in the form of cost per test and the same shall be included as a part of the financial bid before deciding upon the lowest bidder.	Roche	**Explanation:** Since blood banks are largely monitored through and based on No of Blood unit collected and issued hence the calculation of NAT screening based on No of Blood Doantion screened will be transparent calculation and monitoring will be possible. **Suggested Modification:** The Firm must quote the cost of per valid donation tested as per reportable result, If Blood Bank has tested 1000 donation for NAT screening in	**No Change considered**

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
			a Month and cost per reportable donation is C, hence the cost payable will be 1000xC and GST as applicable. Cost of annual donation for 400000 in ten years will be calculated for deciding the L1 along with cost of system. We would submit and request for consideration for the modification of above point for neutral tender specification and allow us to participate in this tender bidding competition. This will also allow healthy and competitive tender bidding competition in the larger public interest.	
		Span Healthcare	**Explanation:** Since blood banks are largely monitored through and based on No of Blood unit collected and issued hence the calculation of NAT screening based on No of Blood Doantion screened will be transparent calculation and monitoring will be possible. **Suggested Modification:** The Firm must quote the cost of per valid donation tested as per reportable result, If Blood Bank has tested 1000 donation for NAT screening in a Month and cost per reportable donation is C, hence the cost payable will be 1000xC and GST as applicable. Cost of annual donation for 400000 in ten years will be calculated for deciding the L1 along with cost of system. We would submit and request for consideration for the modification of above point for neutral tender specification and allow us to participate in this tender bidding competition. This will also allow healthy and competitive tender bidding competition in the larger public interest.	

Tender ID: 2019_HLL_31185_5 (Fully Automated Random Access Chemiluminescence)

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
Page 117, Para 1	The Instrument should be floor/ bench top model with castor wheels with locking facility, Random Access Chemiluminescence based with facility of continuous loading of samples.	NA	Recommendation by TSEC	**To be amended as:** The Instrument should be **bench top / floor** model with castor wheels with locking facility, Random Access Chemiluminescence based with facility of continuous loading of samples.
Page 117, Para 2	The instrument should have throughput of at least 40 tests/hr.	Abbott	**Desired to be modified as:** The instrument should have throughput of at least 90 tests/hr. **Justification :** Ideal throughput of systems available in same system category are having more throughput than desired.	**No Change considered**
Page 117, Para 4	The instrument should be capable of loading minimum of 50 samples at a time with customized on-site priority positions and continuous access for reagent and sample should be possible during run.	Roche	**Justification:** In a blood bank features like sample loading positions are of less priority compared to turnaround time. Hence emphasis should be laid on turnaround time for faster release of sample results and positions. Also the number of donations tested per hour also contributes to the blood bank efficiency and productivity. Thus having a fixed number of sample loading positions can restrict the participation of various suppliers. Hence request for modification of specification as follows: **The instrument should be capable of loading more than 30 samples, with random access and STAT facility.**	**No Change considered**
		Span Healthcare	**Request for modification of specification to :** The instrument should be capable of loading more than 30 or more samples, with random access and STAT facility. Since the system is continuous loading and will suffice the current and future estimated workload of the department.	
Page 117, Para 5	The system should have liquid stable ready to use reagents including control, calibrator.	Roche	**Justification:** The stability and performance of reagents can be obtained by having ready to use or lyophilised reagents, control and calibrators. Thus request for modification of specification as follows: **They system should have ready to use/lyophilised reagents/controls/calibrators.**	**To be amended as:** The system should have liquid, stable, ready to use/ **lyophilised (only for HIV)** reagents including control, calibrator.

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
		Span Healthcare	**Request for modification of specification to :** They system should have ready to use/lyophilised reagents/ controls/calibrators. Since many time lyophilised reagents carries better stability during transportation and logistics and stores.	
Page 117, Para 8	The instrument should have a facility of lot calibration, auto loading & unloading of reagents while instrument is in running mode.	Roche	**Justification:** Blood banks generally have bulk processing of samples, hence to ensure higher walkaway time continuous loading or high loading capacity of samples and reagents should be relevant. Also to avoid any undue injury to user and to restrict the access to open reagents while in use, it is best not load/unload while the run in on. Hence request for modification of specification as follows: **The instrument should have a facility of lot calibration and continuous loading or high loading capacity samples and reagents.**	**No Change considered**
		Span Healthcare	**Request for modification of specification to :** The instrument should have a facility of lot calibration and continuous loading or high loading capacity samples and reagents. Since the loading and unloading of reagents are little dangerous to user and might impact on result integrity.	
		Ortho Clinical Diagnostics	Request to remove auto loading & unloading of reagents while instrument is in running mode as this is applicable in high throughput Instruments Or else request you to kindly increase throughput to 175 test per hour and above.	
Page 117, Para 11	The bidder should also quote separately the running cost of the machine (without any exclusion) and the cost of kits / consumables/ reagents for each quoted test for a period of 5 years.	Abbott	**Desired to be modified as:** The bidder should also quote separately the running cost of the machine (without any exclusion) and the cost of kits/consumables/reagents for each quoted test for a period of 10 years **Justification :** As mentioned in Annexure 2A, (Number of tests approximate load over **10** years being factored for bid ranking)	**To be amended as:** The bidder should also quote separately the running cost of the machine (without any exclusion) and the cost of kits / consumables/ reagents for each quoted test for a period of **10 years**.
Page 118, Annexur-2A, 5	Screening cost Malaria IC Cards for Rapid Testing	Ortho Clinical Diagnostics	Request you to kindly remove Malaria IC Cards for Rapid Testing as this is not available in our Product Profile and costing can't be done for a period of five years	**No Change considered**

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
NA	Desired Minimum assay/test turnaround time is not mentioned in Specifications.	Abbott	**Desired to be modified as:** Minimum Assay/test turnaround time for all including below mentioned tests must not be more than 30 Minutes. (i) Fourth Generation test for HIV 1 and 2 including p 24 Ag/Ab (Both Essential) (ii) Anti HCV (iii) HBsAg (iv) Syphilis **Justification :** Assay turnaround time is essential part of technical specification and minimum Turnaround time of assay/test will result in better management of donors for blood bank resulting in better patient services.	**No Change considered**

Tender ID: 2019_HLL_31185_6 (Fully Automated Random Access Immuno-Haematology (IH) Platform)

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
Page 119; Para 1	It must be a complete automated walk away system. Must be capable of doing blood grouping, cross matching, antibody screening and/or platelet serology in a completely automated manner with latest model.	Bio-Rad	Platelet serology in a completely automated manner with latest model (Only Immucor system compliance in these specs) So we request you to look into this and specifications should be generalized so that more companies can participate enabling fair competition.	**To be amended as:** It must be a complete automated walk away system. Must be capable of doing **<u>blood grouping (forward and reverse), AHG cross matching, antibody screening, antibody identification, clinically significant antigen phenotyping (Rh, K), weak D testing</u>** and/ or platelet serology in a completely automated manner with latest model. **Also Clarified as:** The above Underlined parameters (for automated IH) would be added in Annexure 2A
		Diagast	We request you to mention the parameters for the tests mentioned in this specification as some companies do not qualify any of National and International Guidelines for test parameters. Such tests require additional manual steps to complete the parameter testing in case of test parameters are more than one For Example – a) Cross match test – As per NACO/WHO/NABH/AABB Guideline Crossmatch Test should be done with AHG methos which should screen irregular IgG Antibodies and ABO incompatibility. Some companies provide only one parameter i.e. screening of irregular IgG Antibodies but do not provide ABO incompatibility parameter as there is no IgM or C3d component. b) DCT Test - As per NACO/WHO/NABH/AABB Guideline DCT Test should be done with AHG method which should screen irregular IgG Antibodies and incomplete antibody mainly C3d. Hence the test parameters should have Anti-IgG AHG + Anti-C3d AHG. Some companies provide only one parameter i.e. screening of irregular IgG Antibodies using Anti-IgG AHG but do not provide C3d screening as there is no C3d component in the test. Such companies manipulate the Price Bid to become Lowest Bidder in the tender but customer has to pay high price due to additional parameter screening to satisfy NACO Guidelines. **Recommendation –** We request you to specify the test parameters in this specification for all the tests mentioned in the Price Bid to avoid manipulation of Price Bid so that AIIMS can select the product which follows NACO Guidelines.	

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
Page 119; Para 2	All necessary requirements for installation and proper functioning should be provided by company along with UPS.	NA	Recommendation by TSEC	**To be amended as:** All necessary requirements for installation and proper functioning should be provided by company along with UPS. **The bidder should also quote separately the running cost of the machine (without any exclusion) and the cost of kits/consumables/reagents for each quoted test for a period of 10 years. This will be considered for bid ranking.**
Page 119; Para 7	Should have through-put of 80 or more samples per hour or should be able to do 80 or more Blood Groupings and hundred or more cross matching in one hour.	Bio-Rad	Should have throughput of 80 or more samples per hour or should be able to do 80 or more Blood grouping and hundred or more cross matching in one hour. (Only Immucor & Diagast compliance on these specs.) So we request you to look into this and specifications should be generalized so that more companies can participate enabling fair competition.	**To be amended as:** Should have through-put of **40** or more samples per hour or should be able to do **40 or more** Blood Groupings and hundred or more cross matching in one hour.
		Mex India	Desired to be modified as: Should have through-put of 80 or more samples per hour Blood Groupings.	
		Ortho Clinical Diagnostics	Request to change the through-put 40 or more samples per hour or should be able to do 40 or more Blood Groupings and cross matching in one hour.	
		Diagast	Through-put for Crossmatch test should be kept more than 50 tests per hour for participation of many companies in this tender. Also it is very important to perform random test process without wasting unused tests during random performance. Some equipments perform batch processing of the samples wasting around 7 more tests while performing 1 test of Crossmatch increasing the test price by 7 times but the Price Bid is manipulated for Lowest Bidder. **Recommendation –** Crossmatch test though put should be mentioned as more than 50 samples per hour and the test process should be random without wasting additional unused tests.	

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
Page 119; Para 8	It must have provision for distinguishing serum from plasma before centrifugation	Immucor	We believe this is a typing mistake and it should be Whole Blood from Plasma/Serum. No IH System can distinguish serum from plasma and there is no need also in this testing profile. We request to kindly amend the same.	**To be amended as:** It must have provision for distinguishing **red cell** from **plasma/serum.**
		Span Healthcare	We believe this is a typing mistake and it should be Whole Blood from Plasma/Serum. No IH System can distinguish serum from plasma and there is no need also in this testing profile. We request to kindly amend the same.	
		Mex India	**To be Deleted.** It is not applicable in EM Technology because EM technology does't require Centrifugation.	
		Ortho Clinical Diagnostics	Request you to delete this point as It is not possible to distinguishing serum from plasma before centrifugation.	
Page no 120 Annexure 2 A	Annexure 2A	Immucor	This annexure is asking for multiple consumables and some are from patented and properitary products Item NO 2 Blood Crossmatching specifically mentions one technology "Gel Cards" which is properitary in nature and favoring one particular technology . It should be open and only crossmatch test and their respective required number of tests should be mentioned. In the same way Item No 3 Blood Antibody screening specifically asks for many items starting with name CAT which is again a proprietary technology and does favor one particular technology. We request you to kindly only mentions the name of the test institute wants with quantities so that each manufacturer can quote their product.	**To be amended as:** **2.Blood Crossmatching** **AHG Gel cards (IgG + C3d) : 15,00,000** **Gel Cards (IgG only) : 15,00,000**
		Span Healthcare	This annexure is asking for multiple consumables and some are from patented and properitary products Item NO 2 Blood Crossmatching specifically mentions one technology "Gel Cards" which is properitary in nature and favoring one particular technology . It should be open and only crossmatch test and their respective required number of tests should be mentioned. In the same way Item No 3 Blood Antibody screening specifically asks for many items starting with name CAT which is again a proprietary technology and does favor one particular technology. We request you to kindly only mentions the name of the test institute wants with quantities so that each manufacturer can quote their product.	

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
Page no 120 Annexure 2 A	Annexure 2A	Immucor	This Item NO 6 Annexure 2 A requires multiple consumables not ony for equipment but also for other lab requirements which are being manufactured by different vendors and can not be quoted by single vendor. Few of these are chemicals and few of these are enzymes and are being manufacturered from different industries . It is not possible to get into agreements with each of these manufacturers for small quantities required in the tender. However in the case of not quoting these the bidder gets disqualified. We request you to kindly allow bidder to quote for the related product of subject equipment and ask for other lab chemicals and un related items in separate schedule.	**Clarified as:** **Item no. 1 (Consumables for Automated IH Platform), item no.2 (Blood Grouping), Item no 3 (Blood Cross Matching) and item no.4 (Blood Anti body Screening) are to be quoted mandatorily and will be considered for Bid Ranking.**
		Span Healthcare	This Item NO 6 Annexure 2 A requires multiple consumables not ony for equipment but also for other lab requirements which are being manufactured by different vendors and can not be quoted by single vendor. Few of these are chemicals and few of these are enzymes and are being manufacturered from different industries . It is not possible to get into agreements with each of these manufacturers for small quantities required in the tender. However in the case of not quoting these the bidder gets disqualified. We request you to kindly allow bidder to quote for the related product of subject equipment and ask for other lab chemicals and un related items in separate schedule.	
Page no 120 - 121 Annexure 2A	Annexure 2A	Mex India	Please note that the Manual Parameters starting from "CAT(K)" until "Kit for Red Cell Cryo Preservation (IH)" in Blood Antibody Screening are not manufactured by majority of potential equipment bidders for the said item and hence, we have to procure it from third party. In this case, freezing of these reagent prices for 10 years will not be possible. Hence, it is requested to kindly either delete this parameters or not include the same for L1 Bidder Ranking.	
Page no 120 Annexure 2A - 1	Reagent costing is asked separately for each grouping	Ortho Clinical Diagnostics	As in automation one set contains all the required to find group, please clarify	
Page no 120 Annexure 2 A - 2	Gel Card	Ortho Clinical Diagnostics	GEL" cards is specific to one vendor. Which cards are required, AHG Polyspecific or Anti IgG? Please clarify	
Page no 120 Annexure 2A - 3	ID Panel (11 Panel & 6 Cell)	Ortho Clinical Diagnostics	ID Panel (11 Cell & 6 Cell) is brand name of one specific Vendor, Kindly change this to 11 Cell Panels & 3 Cell Panel only. Kindly Remove 6 Cell Panel	

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
Page no 120 Annexure 2A - 3	CAT (CW), CAT (P1), CAT (U), Anti Sera (Cw), Anti Sera (P1), Anti Sera (U), CAT Nacl Type	Ortho Clinical Diagnostics	Request you to kindly delete CAT (CW), CAT (P1), CAT (U), Anti Sera (Cw), Anti Sera (P1), Anti Sera (U) CAT(Nacl Type), **As these are specific one Vendor only**	
Page no 121 Annexure 2A - 3	Bromelin, Papain	Ortho Clinical Diagnostics	Bromelin, Papain is not required with Automation, so request you to please delete these items, as it is required with reference level testing	
Page no 120-122	Annexure 2A & 2B	Diagast	In Annexure 2A test reagents for Automation and Manual tests are mixed up. Also test configuration for Blood Grouping test and Crossmatch should be elaborated. In Annexure-2B Calibrators, Cleaners and Additives are unnecessary mentioned as it is a part of the test reagents. Mandatory Controls to run the tests should be included in the test cost Only Additional Quality Controls (Grouping Controls and Screening Controls) should be mentioned which are to be run as per the discretion of the user. **Recommendation –** Annexure-2A should be only for tests on the Automation and Manual tests should be removed from this annexure. In Annexure-2B only Quality Quality Controls (Grouping Controls and Screening Controls) should be mentioned and Calibrators, Cleaners and Additives should be included in test cost price. This will avoid the manipulation of Price Bid where test price is low but high price is paid by customer for the usage these reagents.	
Page no 120	Annexure 2A 2. Blood Crossmatching – Gel Cards	Diagast	Diagast does not manufacture gel cards which are used for Column Agglutination Technology (CAT) as it is based on microplate technology	
Page no 120 -121 Annexure 2A	CAT (K) CAT (k/Celino) CAT (Lea) CAT (Leb) CAT (Duffy a) CAT (Duffy b) CAT (Kidd a) CAT (Kidd b) CAT (M) CAT (N) CAT (S)	Diagast	Only one company manufactures all these products.	

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
	CAT (s) CAT (CW) CAT (P1) CAT (U) CAT (NaCl Type) CAT (Extended DCT)			
Page no 120 -121 Annexure 2A	Antisera (K) Antisera (k/Celino) Antisera (Lea) Antisera (Leb) Antisera (Duffy a) Antisera (Duffy b) Antisera (Kidd a) Antisera (Kidd b) Antisera (M) Antisera (S) Antisera (s) Antisera (CW) Antisera (P1) Antisera (U) Anti-E Anti-e Anti-C Anti-c	Diagast	All these antiseras are available with only one company. One or more products are available with only one company.	
Page no 120 -121 Annexure 2A	Glycine EDTA Sulphuric acid HCl Sodium Dihydrogen phosphate DiSodium hydrogen diphosphate PEG Xylene Glacial acetic acid Sodium chloride Potassium chloride Potassium dihydrogen phosphate	Diagast	These reagents and chemicals are not manufactured by Immuno-Haematology companies.	

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
	Buffer capsules (pH variants) pH strips Enzymes Ficin DTT Eosin 2- mercaptoethanol Formaldehyde Ammonia Glycerol			
Page no 121 Annexure 2A	Kit for cold autoantibody removal Kit for warm autoantibody removal	Diagast	Manufactured by only one company in Immuno-Haematology	
Page no 120 Annexure 2A - 2.Blood Cross matching	AHG: 15,00,000	NA	NA - Recommendation by TSEC	**To be amended as:** **AHG Gel Cards (IgG + C3d) : 15,00,000**
Page no 120 Annexure 2A - 2.Blood Cross matching	Gel Cards : 15,00,000	NA	NA - Recommendation by TSEC	**To be amended as:** **Gel Cards(IgG only) : 15,00,000**
Page no 120 Annexure 2A - 3.Blood Antibody Screening	CAT (U) : 50,000	NA	NA - Recommendation by TSEC	Para to be **"Deleted"**
Page no 121 Annexure 2A - 3.Blood Antibody Screening	Antisera (U) : 50,000	NA	NA - Recommendation by TSEC	Para to be **"Deleted"**
Page no 122 Annexure 2A - 3.Blood Antibody Screening	Kit for Red Cell Cryo Preservation (IH)	NA	NA - Recommendation by TSEC	Para to be **"Deleted"**

Tender ID: 2019_HLL_31185_7 (Biological X-Ray based Blood Irradiator)

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
Page 123, Para 3	The system MUST have X-ray tube output limits up to 160 kV, 26 mA and/or 3 kW.	Alliance Transfusion	**Our concern:** Our machine has an output of 20mA. The achieved dose of radiation is important and wattage/power used to achieve it is not vital.	**No Change considered**
Page 123, Para 6	Centre dose rate should be between 2.5-5 Gys per min	WBM HealthScience Pvt Ltd	Clarification Sought : In the light of Specification 5 which is in line with US FDA, EDQM and UK (BSH) guidelines, how does it matter that Centre dose rate should be between 2.5-5 Gy per min. As long as system is able to meet and deliver Specification at Sr 5, it is immaterial if dose rate is 2.5-5Gy/Min or 10- 15 Gy/Min. 20-30Gy/ Min.	**No Change considered**
Page 123, Para 8	Canister volume should be able to accommodate a minimum of 3 to 6 blood bags each of 300 ml at a time.	WBM HealthScience Pvt Ltd	1. Clarification#1: Is AIIMS sure to have Blood bag capacity as 300ml. To be best of our knowledge, triple and Quad bags are 350ml/ 450ml. Is AIIMS willing to exclude high capacity Blood Bag Irradiation. 2. Clarification#2 : We request to change the minimum capacity to 5 -8 so that it provides all the bidders to quote their top end model instead of 3 Bag capacity which provides a benefit to some Vendors to quote their low end model	**No Change considered**
Page 123, Para 9	The system MUST be self-contained with respect to the irradiation chamber and electronics, and MUST NOT exceed a physical foot print of 1.5 x 1.5 m, height 3 m and weight 1,200 kg.	Alliance Transfusion	**Our concern:** Our machine has a weight of 1400 Kgs.	**To be amended as:** The system MUST be self-contained with respect to the irradiation chamber and electronics, and MUST NOT exceed a physical foot print of 1.5 x 1.5 m, height 3 m and weight **1,500** kg.
Page 123, Para 10	The system may include a positioning function for beam and specimen alignment.	Team Best	Required clarification on this clause / Preferable to delete it.	**No Change considered**
		WBM HealthScience Pvt Ltd	Clarification sought : What is the benefit of this feature for Purchaser. Some system do not needs this and somemay needs this. Moreover it is Supplier's obligation to include alignment tool if their system need it. E.g. In ourTechnology which is US FDA Certified, we do not need any kind of alignment. So the question is why should it be a part of Specs.	

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
Page 123, Para 15	The system MUST be accompanied by a calibrated dosimeter, for dose and dose rate measurements within the irradiation chamber. The firm will also have to supply the radiation tags along with any other quality control requirements. The rates for the same must be quoted in the tender.	Team Best	Please let us know the volume of radiation tags & number of radiation tags per year, which is required to be quoted in our bid.	**To be amended as:** The system MUST be accompanied by a calibrated dosimeter, for dose and dose rate measurements within the irradiation chamber. The firm will also have to supply **1000 radiation tags** along with any other quality control requirements **including dose mapping in every 6 months till the life cycle of the equipment. The rates for the same must be quoted in the tender for 200,000 radiation tags for fixing of rates for 10 years.**
		WBM HealthScience Pvt Ltd	Clarification Sought Does it mean that AIIMS shall use its own resources for dose and dose rate calibration. Does it mean, the supplier is not under any obligation to provide dose mapping/ dose calibration during Warranty and CMAC period. If AIIMS believe, it is supplier's responsibility, then let Supplier decide how they do and what they do. AIIMS should have Dose Mapping/ Calibration certificate from a third party and recognized service provider that is to be provided by the bidder.	
Page 123, Para 16	Firm MUST submit copies of certificates of all relevant testing or compliance certificates (AERB and/or IAEA).	Alliance Transfusion	**Our concern:** As far as we know it is not applicable for Xray device (only for Gamma irradiators)	**No Change considered**
Page 124, Para 26	Equipment should be USFDA or European CE certified.	WBM HealthScience Pvt Ltd	Clarification sought : Are we trying to equate US FDA Certification and CE certification as same. As we all know US FDA certification is most preferred when it comes for medical use. We are of the view that AIIMS being reference Centre in India and even in South East Asia, they should look at US FDA Certified System ONLY.	**No Change considered**

Tender ID: 2019_HLL_31185_8 (Mobile Blood Donation Van)

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
Page 28	5. Performance Security 5.1 Within Thirty (30) days from date of the issue of notification of award by the Purchaser, the supplier, shall furnish Performance Security to the Purchaser for an amount equal to ten percent (10%) of the total value of the contract, valid up to ninety (90) days after the date of completion of all contractual obligations by the supplier, including the warranty obligations.	Aeon Medical	Request keeping performance security at 5% and the value must be calculated on the value of supply only excluding GST.	**No change considered**
Page 34	15.8 If the supplier, having been notified, fails to respond to take action to repair or replace the defect(s) within 8 hours on a 24(hrs) X 7 (days) X 365 (days) basis, the purchaser may proceed to take such remedial action(s) as deemed fit by the purchaser, at the risk and expense of the supplier and without prejudice to other contractual rights and remedies, which the purchaser may have against the supplier.	Aeon Medical	Request specifying the time to 24 hours.	**Clarified as:** The tender clause is self-explanatory
Page 35	21.1 Payment Terms A) Payment for Indigenous Goods (M&E) Or Foreign Origin Located Within India. a) On delivery: 75% payment of the contract price shall be paid on receipt of goods in good condition and ..... b) On Acceptance: Balance 25% payment would be made against	Aeon Medical	Request 1. Specifying maximum 15 days to release the payment from the date of submission of documents. 2. Changing the terms of payment to 100% against delivery because in this case if there are any delays for registration of the vehicle the commissioning may get delayed but in any case the successful bidder would have already submitted the performance bank guarantee ensuring the required support for installation and commissioning. 3. Inclusion of inland LC as a mode of payment with the same terms of payment as per the tender as this goods would comprise of lot of imported material.	**Clarified as:** Payment would be effected within 15 days from the date of submission of desired clear documents as per payment terms mentioned in GCC clause no. 21.1.

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
Page 39	23. 1. ..... deduct from the contract price, as liquidated damages, a sum equivalent to 0.5% per week of delay or part thereof on delayed supply of goods, installation, commissioning	Aeon Medical	Request considering he value at .25% per week.	**No change considered**
Page 43	Warranty & CAMC: 5 years each	Aeon Medical	Please modify to 3 years' warranty and 7 years' CAMC since no base vehicle manufacturer would offer 5 years' warranty. Also, specify that the terms of warranty and CAMC for the base vehicle would be as per the standard terms and conditions of the base vehicle manufacturer.	To be amended as: **1. Warranty of 3 years and CAMC of 7 years only for the base vehicle as per standard terms and conditions of the base vehicle manufacturer.** **2. All other equipment and fabrication must be provided with a warranty period of 5 years and CAMC 5 years by the vendor.**
Page 43	Supply, Installation and Commissioning to be completed within 90 days from the date of NOA or date of opening of LC or date of approval of layout drawing (if applicable), whichever is later.	Aeon Medical	Request permitting minimum 180 days for delivery from the date of approval of drawings because there are many essential imported components even in the body structure with long delivery lead time.	To be amended as: **Delivery time: Within 180 days from the date of NOA or date of approval of layout drawing (if applicable), whichever is later.**
Page 52	V. Penalties 3. Whenever there is breakdown the firm will carry out the repair within 24 hours of receipt of such information (either by telephone or by any other means).	Aeon Medical	Request "changing this to attend within 24 hours" and also please clarify that damages / disruptions on account of natural calamities and situations, accidental repair as well as mishandling won't be part of breakdown. In case of towing of the vehicle the towing charges would be paid by the user. Whenever the vehicle is required to be brought to the service centre the responsibility and cost of doing so is that of the user.	**To be amended for this item only as:** V. Penalties 3. Whenever there is breakdown, the firm will **attend** within 24 hours of receipt of such information (either by telephone or by any other means).
Page 52	V. Penalties 4. If there is delay beyond 24 hours then the firm will be penalized at the rate of 1% of the cost of product per day. This financial penalty can be waived off on recommendation of the user dept. if the reasons of delay are genuine the same are recorded & endorsed by the concerned dept.	Aeon Medical	Request deletion and be set as agreed between the supplier and user department on case of case basis.	**No Change considered (Standard condition for AIIMS)**

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
Page 52	V. Penalties 5. If the down time is exceeded in a year from 20 days then the warranty shall stand extended by double the no. of days machine was out of order.	Aeon Medical	Request be specified as double the no of days the van was out of order beyond the maximum permissible down time.	**No change considered**
Page 125	1. The bidder must submit detailed designs and plans in line with the specified requirements.	Aeon Medical	Please confirm if the successful bidder will have to get the drawings approved before starting the manufacturing.	**Clarified as:** The successful bidder has to submit the drawing within 21 days from date of release of NOA (Notification of Award) and delivery time would be counted from the date of approval of this drawing. Already indicated at page 43, section VI, Part II, Para 2
Page 125	2. The net interior dimensions of MBDV body (blood collection area excluding the driver cabin) shall be min. 2000 mm. in width, 2000 mm. in height and min.9500 mm. in length.	NA	Recommendation by TSEC	**To be amended as:** The net interior dimensions of MBDV body (blood collection area excluding the driver cabin) shall be min. 2000 mm. in width, 2000 mm. in height and min.9500 mm. in length. **The firm must provide expandable Donation compartment by at least 500 mm or more (width wise), of length 6-8 ft by hydraulics or electric pressure jack system during parked position which can safely retracted back to the normal width of the MBDV while in motion.**
Page 125	3. vi. The vehicle should comply with BS IV emission standards or above.	Aeon Medical	Request specifying BS-VI vehicles. Because March 31, 2020 is the last date of registration of BS-IV vehicles and even if 6 weeks are considered to be average time to get a registration it is very unlikely that BS-IV vehicle can be registered as per the present schedules of the tender even if the contract is awarded by 31/12/2019 and drawing approval is accorded immediately.	**The clause may be re-written as under:** 3. vi. The vehicle should comply with BS IV **or above** emission standard**(s)**
Page 126	6. iv. The floor should be completely free from any openings to access any parts of engine or chassis parts and to facilitate easy cleaning.	Aeon Medical	Request permission for the same in case required for essential service requirements if any but any such opening would be sealed off in a way ensuring complete protection against any dust and / or water ingress.	**Clarified as:** Permission may be sought while taking approval of the layout drawing from the competent authority of NCI-AIIMS.
Page 126	8. ii. All the cables and conduits in the ceiling	Aeon Medical	Kindly confirm if the same criteria would also be applicable	**Clarified as:**

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
	should be completely concealed in its manufacturing and should not be visible either on the inside surface or on the outside surface of the ceiling.		for all the lateral walls as well?	Yes, it is applicable for all the lateral walls as well.
Page 126	9. Entrance Door	Aeon Medical	Please confirm if the door should have any stopper to keep it in the desired open position.	**Clarified as:** The door should have stopper to keep it in the desired open position.
Page 127	11. Seats i. The MBDV area will have automotive transport grade aesthetically pleasing and ergonomically designed seats for min. 8 persons.	Aeon Medical	Kindly confirm if all the 8 positions be occupied during the transit and if yes should the seats be provided with adjustable arm rest, head rest and three point retractable seat belt?	**Clarified as:** The seats be provided with adjustable arm rest, head rest and three point retractable seat belt.
Page 127	12. vi. A vertical storage rack (Stainless steel) with 3-4 racks must be placed securely at the back of the bus for storing cello boxes of 22-25 litres (Weight bearing capacity of approximately 50 Kgs.). Suitable fastening belts or a suitable system must be in place to keep the boxes securely while the vehicle is in transit.	Aeon Medical	Request permitting storage racks made from any other material fulfilling the application requirement and life cycle as specified in the tender document.	**To be amended as:** A vertical storage rack **(Stainless steel, Mild steel, Aluminium Alloy or equivalent)** with 3-4 racks must be placed securely at the back of the bus for storing cello boxes of 22-25 litres (Weight bearing capacity of approximately 50 Kg). Suitable fastening belts or a suitable system must be in place to keep the boxes securely while the vehicle is in transit.
Page 128	16. iii. The system must also include an adequate UPS battery backup with inverter (min. 5 KVA) ensuring at least 30 minutes of power back up for all essential devices including the donor couch & blood storing refrigerator but excluding the air conditioning system in case of no generator power output.	Aeon Medical	Request removing the minimum capacity of the inverter as the application criteria is already mentioned in the specification.	**No Change considered**
Page 129	18. i. The side entrance door for the MBDV will have a foldable/ retractable stair case with non-slippery steps.	Aeon Medical	Kindly confirm that chequered aluminium surface for the staircase would be accepted.	**Clarified as:** Permission may be sought while taking approval of the layout drawing from the competent authority of NCI-AIIMS.
Page 129	19. iii. The firm must provide 3 LED displays (Full HD, 1020p, 32 Inch, Make: Sony/ LG /Samsung/ Panasonic) for entertainment of	Aeon Medical	Kindly confirm if the TV for the external viewing should be housed in a lockable upwardly openable flap with pneumatic stay or mounting behind a fixed glass window	**Clarified as** To be mounted behind a fixed glass window.

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
	the donors, in the donation compartment and for public awareness outside the vehicle in such a way so as not to violate any statutory requirements.		would be permitted? In case of the former please specify if the flap should be water ingress protected including the lock assembly and aperture for key?	
Page 129	22. 6. LED display panel on front and rear side with Display message customisable as per requirement	Aeon Medical	Kindly confirm if the rear display panel should be mounted inside or outside the vehicle and in case it is to be mounted inside then a fixed glass window in front of it for visibility from outside would suffice?	**Clarified as:** To be mounted inside the vehicle.
Page 130	22. 8. Quotations for Registration and Insurance for the entire MBDV (On-road price)	Aeon Medical	The responsibility for registration and insurance including payment of the fees would be that of the buyer / user because for government vehicles the cost of registration and insurance must be transferred from the registered bank account to the government treasury and the successful bidder or any other authorized representative won't be able to do the same. Of course any support and coordination from the successful bidder would be provided. Any documentation / authorizations needed by the successful bidder or its authorized representative must be provided by the buyer / user as may be required.	**No Change considered**
Page 130, 131	23. 1. BLOOD DONOR COUCH (6 nos.) (Suggestive Make: Fresenius, Terumo Penpol) 23. 2. BLOOD COLLECTION MONITOR (6 nos.) (Suggestive Make: Fresenius, Terumo Penpol, Macopharma) 23. 3. TUBE SEALER (1no.)(Suggestive Make: Fresenius, Terumo Penpol)	Aeon Medical	Request specifying product standards like CE and US FDA as well as quality standard like ISO-13485 to illustrate the minimum criteria for the manufacturers.	**Page no. 130, Heading "23. Equipment Specifications"** **To be amended as:** **23. Equipment Specifications (All mentioned equipment must be from an ISO-13485 certified manufacturer).**
Page 130	23. 1. a. Volume Setting: Pre-selection of volume to be collected. Tarring of bag volume before collection. Tarring range: 0 to 600 gm. Easy provision to change preset volume.	Aeon Medical	Request permitting volume setting range from 50 to 500 ml.	**To be amended as:** Volume Setting: Pre-selection of volume to be collected. Tarring of bag volume before collection. Tarring range: 0 to 600 gm **(50-500ml)**. Easy provision to change preset volume.
Page 130	23. 1. i. Storage Drawers/trays and back side pouches for storing consumables & Blood Collection Monitors.	Aeon Medical	Request removal of "Drawers/trays and back side pouches" as these would be made available as per the standard design of the respective manufacturers.	**No Change considered**

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
Page 130	23. 2. g. Should operate on mains as well as rechargeable battery. On battery it should operate for a min. of 8 hours or minimum 60 continuous blood collections.	Aeon Medical	Request deletion of "as well as rechargeable battery. On battery it should operate for a min. of 8 hours or minimum 60 continuous blood collections" as the van is provided with on board power as well as power back up for all the essential devices.	**To be amended as:** Should operate **on mains as well as battery**. On battery it should operate for a min. of 8 hours or minimum 60 continuous blood collections.
Page 132	Tentative layout Foldable tray attached to the side walls like in train	Aeon Medical	Kindly confirm any other alternate mechanism permitting necessary application requirement would be permitted if the side fixation poses challenge to the comfort of the passenger next to the folded table.	**Clarified as:** Permission may be sought while taking approval of the layout drawing from the competent authority of NCI-AIIMS."
Page 134	5.b. During the Warranty period and CAMC period, desired Uptime of 95% of 365/366 (Leap Year) days (24 hrs), if downtime more than 5%, the warranty period/CAMC period will be extended by double the downtime period Complaints should be attended properly, maximum within 8 hrs.	Aeon Medical	Request specifying that the warranty / CAMC period will be extended by double period beyond the maximum permissible down time. The response time be set to 24 hours excluding weekends and public holidays.	**No change considered**
Page 138	2. The Bidder should have supplied and installed at least 1 (one) unit in the past 7 (Seven) years prior to closing of bid submission, similar equipment meeting major parameters of technical specification which is functioning satisfactorily.	Aeon Medical	Kindly confirm that MHU / MMU with identical technology would be considered as eligible supplies under this clause.	**Clarified as:** It was clarified during prebid meeting that MHU, MMU are falling under similar item.
Page 138	4. The Purchaser reserves the right to ask for a free demonstration of the quoted equipment after giving reasonable time to the bidder at a pre-determined place acceptable to the purchaser or at site (in case of non-portable and heavy equipment) for technical acceptability as per the bidding document specifications, before the opening of the Price Bid.	Aeon Medical	Vehicles of identical technology and integration would be displayed at a site mutually agreed with the buyer. Being a customized item it won't be possible to display the quoted item as it is.	**No change considered**
Page 145, 146	MANUFACTURER'S AUTHORISATION FORM	Aeon Medical	If the bidder is the manufacturer / integrator of the blood collection van on turnkey basis kindly confirm that there is no need of any manufacturer authorization form from any of the suppliers of various components including the base vehicle / medical equipment.	**To be amended as:** Manufacturer Authorizations are required as per Section XIII-B format for the following items only : 1. BASE VEHICLE

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
				2. BLOOD DONOR COUCH 3. BLOOD COLLECTION MONITOR
Page 150	d. There will be 95% uptime warranty during CAMC period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CAMC period by double the downtime period and other penalty as per contract.	Aeon Medical	Request specifying that the CAMC period will be extended by double period beyond the maximum permissible down time.	**No change considered**

Other General Queries

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
Page 14, Para 16.3	One Principal/OEM cannot authorize two agents simultaneously for the same item against same ATE.	Immucor	Point no. 16.3, This point specifically mentions that "one Principal cannot authorize two agents simultaneously for the same items against ATE" , This could have been fine if the tender would have come for specific items. The Tender is asking to bidder to quote in a turnkey model wherein multiple products and multiple consumables have to be quoted by bidder in order to qualify the tender requirement. For examples Item No 3. (Tender ID :2019 HLL 31185 3) Molecular Immunohematology Lab Equipment ., This schedule has 19 Items in equipment list and no single vendor is manufacturing all of the 19 items . Even not more than 3 items can be provided by one manufacturer. These 19 items are being manufactured by different manufacturers from different stream of Industry. Most of the manufacturers does not share any business agreements. For Any Bidder to quote in the said schedule, the items from different manufacturer need to be sourced and some need to be sourced from local market also. The same schedule has a list of 47 consumables also which are of different type in nature and are being manufactured by different streams of industry. Some of chemicals, which can only be sourced from open market only as the quantity of these, are minimal. Considering above-mentioned challenges, we request you to either allow bidder to quote for each of the item in schedule separately and do not make it a mandate to quote for all or allow the principal to authorize more than one bidder to quote for their product.	**Clarified as:** This clause is not applicable for the tender packages where the **Manufacturer Authorization** asked as per format at **Section XIII-B** in the Qualification Criteria.
		Span Healthcare Pvt.Ltd	Point no. 16.3 ,This point specifically mentions that "one Principal cannot authorize two agents simultaneously for the same items against ATE" , This could have been fine if the tender would have come for specific items. The Tender is asking to bidder to quote in a turnkey model wherein multiple products and multiple consumables have to be quoted by bidder in order to qualify the tender requirement. For examples Item No 3. (Tender ID :2019 HLL 31185 3) Molecular Immunohematology Lab Equipment ., This schedule has 19 Items in equipment list and no single vendor is manufacturing all of the 19 items . Even not more than 3 items can be provided by one manufacturer. These 19 items are being manufactured by different manufacturers from different stream of Industry. Most of the manufacturers does not share any business agreements. For Any Bidder to quote in	**As above**

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			the said schedule, the items from different manufacturer need to be sourced and some need to be sourced from local market also. The same schedule has a list of 47 consumables also which are of different type in nature and are being manufactured by different streams of industry. Some of chemicals, which can only be sourced from open market only as the quantity of these, are minimal. Considering above-mentioned challenges, we request you to either allow bidder to quote for each of the item in schedule separately and do not make it a mandate to quote for all or allow the principal to authorize more than one bidder to quote for their product.	
		Terumo Penpol	Since Package -2 of the tender is a turnkey project same product can be quoted by different vendors and the evaluation will be done on the basis of over all lowest quoted price. Therefore this point should be amended as **One principal/OEM can authorize two agents simultaneously for the same item against same ATE under schedule-2 as turnkey.**	**As above**
Para 11 B, page 11	**Price Tender:** Bidders are advised to download this Price Bid Format as it is and quote their offer/rates in the permitted column and upload the same in the Price Bid. Bidder shall not tamper/modify the downloaded price bid template in any manner. The Instruction given in the Price Bid Format shall strictly be adhered to.	Immucor	Item no 6 Fully Automated Random Access Immunohematology (IH) Plateform schedule of requirement has only few of the consumables and does not complete the requirement to run the tests on the equipment. This equipment is being manufacturerd by only few of the manufacturers and each technology has different consumables so it is not possible for any bidder to quote for listed items only and provide rest free of cost . Point No 33.2 Page no 26: This point mentions that" Unit Prices for all optional items/accessories/services (if any) asked in the tender specifications must be quoted separately by all the bidders in their price bid. Such unit prices after multiplying by the required quantity shall be added and taken into consideration for comparison and ranking of bids"" while Above mentioned point no 11 B does not allow bidder to amend the Price Bid . Therefore, we request you to allow the bidder to quote for all their reagents and kits to complete the requirement to run the asked instruments. The price bid should have additional optional rows to quote for additional items and their quantities for the specified number of tests. All Item names should be removed from the said schedule and only Test name should be mentioned with quantities. Since all the manufacturer has different reagents so they can quote their reagents for the specified quantity.	**It was clarified during prebid meeting that there is provision for adding row(s) in the consumable price bid(s) which may suitably be added as per given instruction.**

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		Span Healthcare Pvt.Ltd	Item no 6 Fully Automated Random Access Immunohematology (IH) Plateform schedule of requirement has only few of the consumables and does not complete the requirement to run the tests on the equipment . This equipment is being manufacturerd by only few of the manufacturers and each technology has different consumables so it is not possible for any bidder to quote for listed items only and provide rest free of cost . Point No 33.2 Page no 26: This point mentions that" Unit Prices for all optional items/accessories/services (if any) asked in the tender specifications must be quoted separately by all the bidders in their price bid. Such unit prices after multiplying by the required quantity shall be added and taken into consideration for comparison and ranking of bids"" while Above mentioned point no 11 B does not allow bidder to amend the Price Bid . Therefore, we request you to allow the bidder to quote for all their reagents and kits to complete the requirement to run the asked instruments. The price bid should have additional optional rows to quote for additional items and their quantities for the specified number of tests. All Item names should be removed from the said schedule and only Test name should be mentioned with quantities. Since all the manufacturer has different reagents so they can quote their reagents for the specified quantity.	**As above**
Page 43;	SECTION- VI LIST OF REQUIREMENTS	Terumo Penpol	Page No- 43 of the tender document states the Quantity as 01 . The actual required quantity of the products in each package is not mentioned. Request you to please provide the quantity .	**To be provided while issuing amendment to the Bidding Document**
		Span Healthcare Pvt.Ltd	The number of units of each item being procured is not indicated **Changes Required :** Units required are needed to calculate the pricing.	**To be provided while issuing amendment to the Bidding Document**
NA	General	Psichem Biotech Pvt. Ltd.	In context with various terms and conditions to bidders eligibility in the above said tender we would like to draw your attention on followings points- 1.Regarding applicability of manufacturer authorization as in some items it is not applicable and in some item it is applicable. We would suggest uniformity regarding the applicability of manufacturer authorization either it should be applicable for all the items or to none(GIB 16.2, 16.3 , section viii(A.1, or B.1 or C.1) 2. The CAMC prize could be applicable excluding spares (General point 4) 3. CAMC prize should be outside L1 evaluation of the prize bid(GIB-33).	**There are 08 (eight) tenders bearing different Tender_ID asked in a common Bidding Document. Different QC asked for different tender.** **No Change required.**

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NA	Commercial - Qualification Criteria	Span Healthcare Pvt.Ltd	Minimum qualification of the tenderer is not specified **Changes Required :** It should be specified in terms of the Revenue, Three (3) or more years of revenue commensurate with the contract value? Needs to be looked into before considering the company for such projects. ? If the tenderer is unable, due to financial constraints, to complete the project, this will reflect very poorly on the process and also delay the implementation of the blood centre while legal issues related to the incomplete contract go on	**No Change required.**
NA	Commercial	Span Healthcare Pvt.Ltd	The fixing of the rates for the entire ten (10) years will cause unfairness, possibly, to both NCI and the tenderer – especially for fully imported products and/or reagents. Even for products manufactured in India, several components are imported in the process of assembly causing increase in costs and consequently the pricing. **Changes required:** Exchange rates chnages every now and then and no fixed assurance/ exchange value from Govt/bankers regarding the Exchange rates. We request that the committee consider pricing on a FIXED basis for every 12 months beginning from the date of licensing of the blood bank or the commencement of operations at the blood bank, whichever is later.	**No Change required.**
NA	Commercial	Span Healthcare Pvt.Ltd	Customs duties, GST and other unforeseen statutory levies must be absorbed by the NCI, Jajjar. This is NOT clearly stated in the tender. **Changes required :** It should be paid by the tendering authories as actuals as per the Invoice of the winning tenderer.	**Clarified as:** It is advised to go through the bidding document thoroughly and also read GIB Clause no.13, 14, 15 & 40 and GCC Clause 19 & 20 which are self-explanatory.
NA	NA	Span Healthcare Pvt.Ltd	The tender currently does not permit the tender to represent more than one Principal per product / equipment. That is fair and appropriate. However, limiting the Principals to authorizing only one tenderer may cause issues in terms of supply and compliance with the requirements of the tender where equipment, by virtue of the specifications, are Proprietary. Further, it is NOT likely one principal with exclusive aggrement will authorize anyoneelse in India given their due-diligence and compliance window (I suspect that this will be the case for the competitor Principals). SO, it may be necessary to amend the terms of the tender to allow a duly authorized distributor of the Principal to authorize a tenderer – otherwise neither can SPAN nor the competitor hope to be in compliance with the tender requirements	**Clarified as:** It does permit to represent more than one Principal per product /equipment, wherever the Manufacturer Authorisation have been asked **as per format at Section XIII-B in the Qualification Criteria.**
NA	NA	Span Healthcare Pvt. Ltd.	When products are offered along with free equipment related to a specific consumables, will AIIMS confirm in writing to purchase those products ONLY from the winning bidder/tenderer for the duration of the contract at the prices indicated by the winning bidder/tenderer. Since capital equipment is being placed into use, this is a	**Clarified as:** NCI-AIIMS reserves the right to procure the consumables from the bidders at quoted rates or from any other sources as

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			requirement any tenderer would request. **Please clarify. This clarity is required for preparing the tender.**	per requirement, as already mentioned in Scope of Work, Page 51, Para 8.
NA	NA	Span Healthcare Pvt. Ltd	Since commercial relationships do NOT always last for the period the contract is being contemplated for, will the winning bidder/tenderer be permitted to substitute products which meet the quality standards set by this tender in the event of any change in the commercial relationship? **The winning bidder needs permission to supply the similar quality items for uninterrupted operation of the Hospital**	**Clarified as:** The winning bidder may be permitted to substitute products which meet the quality standards set by this tender in the event of any change in the commercial relationship, subject to prior approval from the user Dept. and the competent authorities of NCI-AIIMS.
NA	NA	Span Healthcare Pvt. Ltd	Procurement and maintenance of STATUTORY licenses required is not within the scope of the bidder/tenderer responsibilities. We request a written clarification on this point stating that if the blood bank is completed as per the approved layout, payments will NOT be held up on account of possible licensing delays. **Payments should be released against delivery. Any delays with respect to completion of project, Installation due to delay in licensing commencement of the blood bank are not under the perview of the tenderer.**	**Clarified as:** Statutory Licensing of the **Blood Bank** is not under the purview of the bidder.
NA	NA	Span Healthcare Pvt. Ltd	We request clarification of the timeline for completion of the project and our current understanding is that it will follow the sequence as below: **Changes required:** The winning bidder will have 21 days to submit a layout for approval from the date of the award (A point of concern here is the coordination of the supplies and installation of Blood Bank Equipment Packages 1, 3, 4, 5, 6, and 7 which are NOT in our control). if structural changes are required for the commissioning of any specific equipment not in Blood Bank Equipment Package 2, then this will have to be a supplementary cost to the project or paid for by the respective winning bidder from Blood Banking Equipment Package 1, 3, 4, 5, 6 and 7.	**Clarified as:** Winning bidders for all packages are required to hold timely joint meeting with the user department for coordination of the supplies and installation of Blood Bank Equipment.
NA	NA	Span Healthcare Pvt.Ltd	The bidder will have 90 days thereafter, to complete the project of build-out, supply and installation of all the equipment **Changes required:** The winning bidder of Blood Bank Package 2 will have 21 days from the submission by the last winning bidder of the other packages to submit their blood bank layout for approval. We request that the committee consider extending the time for the completion of the project of build-out, supply and installation of all the equipment to 120 days	**To be amended as:** The time for the completion of the project of build-out, supply and installation of all the equipment in 120 days.
NA	NA	Span Healthcare Pvt. Ltd	Per our understanding,a minimum of three(3) bids are required for the tender to be considered. Lf only One(1) or Two (2) qualifying tenders are received, what does the Committee believe it will do next?	**Clarified as:** Decision will be made by the TSEC.

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NA	NA	Span Healthcare Pvt.Ltd	For a tender of this complexity and cost, there is no Revenue qualifying requirement. Is it not important that the companies bidding this contract demonstrate through Three (3) or more years of revenue commensurate with the contract value? If the tenderer is unable, due to financial constraints, to complete the project, this will reflect very poorly on the process and also delay the implementation of the blood centre while legal issues related to the incomplete contract go on.	**No Change required.**
Page 74 & Page 79	Package 2 - Item no.28 - Blast Freezer - Item no.33 – Whole Blood Automation Device	Bangalore Medical Systems	While going through the tender, we have found that there are certain products which are not available widely by many companies. Item No.33 Whole Blood Automation Device and Item No.28 Blast Freezer these items are available only with one company in India and cannot be made pricing, we would request you to kindly review the tender specification and remove the products from the tender for turnkey project to enable other bidders to participate so that the government will encourage competition and better pricing for the tender.	**No Change required.** **Further Clarified that:** The tender permits to represent more than one Principal per product / equipment, wherever the Manufacturer Authorisation have been asked as per format at Section XIII-B in the Qualification Criteria.
Page 74 & Page 79	Package 2 - Item no.33 - Whole Blood Automation Device	Fresenius Kabi	In respect to the product mentioned our concerns are as follows- 1) It is proprietary product of a company wherein there are no installations done in India as on date, so product is not yet established in the market place. 2) Being proprietary items Cost of machines is very high. 3) Being proprietary items cost of consumables is going to be very high as compared to alternatives available in the market. 4) In comparison to the above products there are much economical alternatives available in the market to separate blood components through automatic component extractor which can give similar quality of blood components. 5) Whole blood can be separated into PRBC/Platelet/Plasma by using automatic component separator available in the market which saves on cost and time. So this machine is not giving any additional benefit in terms of quality or additional component. 6) With this machine 350 ml bags can't be processed. 7) As per tender clause all the products are to be quoted to be eligible to qualify in tender bid as it is a turn key project. In case proprietary article is part of products in tender so whole project will be quoted by only one company as others will not be able to quote as this product will not be available with anyone else. 8) Alternative to above product is Centrifuge and automatic component extractor which is being marketed by no. of companies .This process is accepted world wise and consumables ie blood bags are commonly available across world as well as in Indian market.	**No Change required.** **Further Clarified that:** The tender permits to represent more than one Principal per product / equipment, wherever the Manufacturer Authorisation have been asked as per format at Section XIII-B in the Qualification Criteria.

Tender Page & Para	Tender Specification	Name of the Firm	Representation received from the Firms	Committee Recommendation
Page 135, Para 3	**The order(s) individually or in combination should include at least 10 (ten) similar line items of the package meeting major parameters of technical specifications.	TSEC	TSEC recommendations	**To be amended as:** "**The order(s) individually or in combination should include **at least 5 (five)** similar line items of the package meeting major parameters of technical specifications."

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