PREBID QUERIES/CLARIFICATIONS ASKED BY BIDDERS AND IT'S RECOMMENDATIONS/REPLIES

NIB REF: HITES/PCD/NCI-AIIMS/28/18-19; PREBID MEETING HELD ON : 27.08.2018

Blood Collection Monitor (item at sl. no. 2)				
Tender Page & Para	**TENDER SPECIFICATION**	**NAME OF THE FIRM**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**
Point 1 Page 48	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).	Equipment point	The same does not comply in our category, but there is no major impact on the functioning of the device and its application	The requirement stays unchanged.
Point 8, page 48	Oscillation 16 +/-(2) rpm	Equipment point	Our device is with oscillation of 12 +/- 2rpm and the same is effective for the better mixing of anticoagulant with the blood	To be amended as: *"Oscillation 12 - 16 rpm"*
Page 49, Para 14	14. Should be USFDA or European CE approved product.	NA	NA	To be amended as : *"It should have USFDA or European CE certification"*
Page 48, Para 11	11. Every Bio-mixer should be provided with carry box with handle.	NA	NA	To be amended as : "Every Bio-mixer should be provided with *manufacturer provided* carry box with handle."
Page 48		NA	NA	Added Para: The biomixer should be able to integrate with LIS for data management.

Blood Donor Couch (item at sl. no. 3)				
Tender Page & Para	**TENDER SPECIFICATION**	**NAME OF THE FIRM**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**
Page 49	Heading "Blood Donor Couch"	NA	NA	To be amended as "*Portable Blood Donor Couch*"
Page 49, Point 12	Should be provided with transportation trolley to hold maximum 5 couches	NA	NA	To be "Deleted"
Page 49, Point 13	Cost of transportation trolley should be quoted separately	Span Healthcare Pvt Ltd	Our observation is how to put the cost of transportation trolley in the BOQ as the same from the document is not provided.	To be "Deleted"
Page 49, Point 15	15. It should meet IEC-60601-1-2 (Or Equivalent BIS) General Requirements of Safety.	NA	NA	To be "Deleted"
		NA	NA	Added Para : *"Equipment should have USFDA or CE certification"*

Tube Stripper (item at sl. no. 4)				
Tender Page & Para	**TENDER SPECIFICATION**	**NAME OF THE FIRM**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**
Point 8 ,para 49	Should have provision for manual tube sealing by aluminium rings	Equipment Point	Our hand stripper are designed without spring and the same is with roller mechanism which ensure the uniform functioning of the device	The requirement stays unchanged.

Dielectric Tube Sealer – Handheld (item at sl. no. 5)				
Tender Page & Para	**TENDER SPECIFICATION**	**NAME OF THE FIRM**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**
Page 50 , Para 2.1	2.1 Manufacturing should be compliant with ISO 13485, and both manufacturer and distributor/service provider should be ISO 9001:2008 compliant.	NA	NA	To be amended as : *"2.1 Equipment should have ISO 13485 certification and Manufacturer should have ISO 9001 certification."*
Page 50 , Para 5	5. Should be rechargeable battery operated compact (less than 3 Kg) hand held type, not bench top type.	NA	NA	To be amended as : "Should be rechargeable battery operated compact (less than 3 Kg) hand held type, not bench top type. *It should have a portable hand unit with coaxial cable of 1.5 - 2 meter."*
Page 50 , Para 6	6. Sealing time should not be >2 sec	NA	NA	To be amended as : "Sealing time should not be >2 sec. *It should be able to make 50-60 seals/ hr and with No warm-up time."*

Page 50 , Para 11	11. No. of seals per charge should be more than 1200 continuous seals from a fully charged battery.	NA	NA	To be amended as : "No. of seals per charge should be *500-700* continuous seals from a fully charged battery."
Page 50 , Para 12	12. Charger should be compatible with Input voltage: 240V 50 Hz Single phase AC.	NA	NA	To be amended as : "Charger should be compatible with Input voltage: 240V 50 Hz Single phase AC. *It shall meet IEC-60601-1-2 (Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility*"

Blood Bank Refrigerator - 700 L (item at sl. no. 6)				
Tender Page & Para	**TENDER SPECIFICATION**	**NAME OF THE FIRM**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**
Page 50	Heading: Blood Bank Refrigerator - 700 L	NA	NA	To be amended as: "Blood Bank Refrigerator - 400 L"
Point 1, Page 50	Storage Capacity: Should be at least 700 Liters capacity and should be able to accommodate minimum 350 triple bags of 350 ml and 450ml capacity.	Equipment Point	Not comply with 700 litres capacity. Comply with 300L capacity to store 360 nos of 450ml blood bags and 510 nos of 350ml blood bags, hence in terms of number of bags the device complies and is superior e ther	To be amended as: *"Storage Capacity: Should be at least 400 Liters capacity and should be able to accommodate minimum 350 triple bags of 350 ml and 450ml capacity."*
Point8, page 50	Independent safety thermostat to avoid negative temperatures	Equipment Point	Not available but all safety measures are applied to ensure effective functioning according to the global standards.	The requirement stays unchanged.

Point 14,page 50	While in operation, the noise level must not exceed 60 dB.	Equipment Point	TPPL equipment comply with less than 80 dB, the same is a marginal difference and we expect it to be considered for evaluations	To be amended as: *"While in operation, the noise level must not exceed 90 dB."*
Point 18, Page 51	18. Should be USFDA or European CE approved product.	NA	NA	To be amended as: *"Equipment should be USFDA or European CE certified."*
Point 10, Page 51	Should have 1000 nos. of seven days graphic temperature recorder along with data logging device. The cost of the temperature recorder chart paper will be included in the total cost of the equipment for financial comparison.	Span Healthcare Pvt Ltd	Our observation is how to put the cost of temperature recorder paper cost in the BOQ as we are unable to access the BOQ. We have been informed that BOQ will be uploaded after the pre bid meeting.	Clarified as: The vendor may add it as an accessory second item in the BOQ

Refrigerated Blood Bag Centrifuge - 12 bags (item at sl. no. 8)				
Tender Page & Para	**TENDER SPECIFICATION**	**NAME OF THE FIRM**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**
Point 19,page 53	Should be USFDA or European CE approved product.	Thermo fisher Scientific	Should be USFDA or European CE CERTIFIED product. The CE certificate should be from Notified body with 4 digit identification no. Justification :-Minimum requirement for safety Benefits :- Safety for operator and patient	To be amended as: *"Equipment should be US-FDA or European CE certified. "*

Point 20,page 53	Manufacturer should be ISO 9001certified and should have ISO 13485 certification for quality standards. It shall meet IEC-60601-1-2 (Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility	Thermo fisher Scientific	Manufacturer should be ISO 9001certified and should have ISO 13485 certification for quality standards. It shall meet IEC-60601-1-2 (Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility or IEC 61010-2-020 (Or Equivalent BIS) safety standards particular for Centrifuges, a certificate from an agency recognized by International Electrotechnical Commission (IEC) along with agency recognition certificate should be submitted Justification :- IEC 61010-2-020 document attached for your ready reference is specific to laboratory centrifuges (page 3) which defines specific method like the Most Critical Accident Consideration (page 25), Crash Test (7.7.2.2 page 15 & 16), Movement of the Centrifuge (7.4.101 Imbalance page 13), Lid Lock Reliability Test (7.3.101 - page 11) and other specific requirements for rotors (7.7.1 page 14).. Centrifuge is a high tech product involving huge kinetic energy and operator safety is a must. Also attached the IEC 61010-2-020 certificate and agency recognition certificate for your ready reference. Benefits :-For safety of operator and to provide safe working environment for entire blood bank.	The requirement stays unchanged.

Refrigerated Blood Bag Centrifuge - 16 nos (item at sl. no. 9)				
Tender Page & Para	**TENDER SPECIFICATION**	**NAME OF THE FIRM**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**
Point 19,page 53	Should be USFDA or European CE approved product.	Thermo fisher Scientific	Should be USFDA or European CE CERTIFIED product. The CE certificate should be from Notified body with 4 digit identification no. Justification :-Minimum requirement for safety Benefits :- Safety for operator and patient	To be amended as: "Equipment should be US-FDA or European CE certified."

Point 20,page 53	Manufacturer should be ISO 9001certified and should have ISO 13485 certification for quality standards. It shall meet IEC-60601-1-2 (Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility	Thermo fisher Scientific	Manufacturer should be ISO 9001certified and should have ISO 13485 certification for quality standards. It shall meet IEC-60601-1-2 (Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility or IEC 61010-2-020 (Or Equivalent BIS) safety standards particular for Centrifuges, a certificate from an agency recognized by International Electrotechnical Commission (IEC) along with agency recognition certificate should be submitted Justification :- IEC 61010-2-020 document attached for your ready reference is specific to laboratory centrifuges (page 3) which defines specific method like the Most Critical Accident Consideration (page 25), Crash Test (7.7.2.2 page 15 & 16), Movement of the Centrifuge (7.4 101 Imbalance page 13), Lid Lock Reliability Test (7.3.101.1 page 11) and other specific requirements for rotors (7.7.1 page 14).. Centrifuge is a high tech product involving huge kinetic energy and operator safety is a must. Also attached the IEC 61010-2-020 certificate and agency recognition certificate for your ready reference. Benifits :-For safety of operator and to provide safe working environment for entire blood bank.	The requirement stays unchanged.

Platelet Agitator cum Incubator (Upright Model) (150-200 random donor platelet units) (item at sl. no. 10)				
Tender Page & Para	**TENDER SPECIFICATION**	**NAME OF THE FIRM**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**
Point 3e, Page 56	Design of shelves : The agitator must be noiseless (< 60db)	Equipment point	Our device comply with 70DB. It is a marginal point for consideration, and the same has no huge impact on the total noiseless feature of the device	To be amended as: *"While in operation, the noise level must not exceed 90 dB."*
Point 4 , page 56	Capacity: 150-200 random donor platelet units	Equipment point	we Comply with storage of 100 bags only with capacities specifically as option in 96/48/24 units The same would be helpful in handling small no of units as well as and when required. And two units with about 100 units size capacity can assist further assist for safer storage of products in terms of dependency on a single unit with large volume capacity.	The requirement stays unchanged.
Point 5c, page 56	Must have at least 2 temperature sensors with digital temperature (LED) display with 0.1 °C graduation	Equipment point	the device already has sensors for temperature and display of temperature	The requirement stays unchanged.
Page 57 Para 15	15. Should be US-FDA or European CE approved product.	NA	NA	To be "Deleted"

Platelet Agitator cum Incubator (Upright Model) (48 random donor platelet units) (item at sl. no. 11)				
Tender Page & Para	**TENDER SPECIFICATION**	**NAME OF THE FIRM**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**
Point 5c,page 57	Must have at least 2 temperature sensors with digital temperature (LED) display with 0.1 °C graduation.	Equipment point	The device already has sensors for temperature and display of temperature.	The requirement stays unchanged.
Point 7, pag 57	Must have Battery backup for temperature recordings which is especially needed during power failure/fluctuations. Additional Battery backup for alarm must be there so that alarm will not fail in case of power failure, and must be able to sustain the alarm.	Equipment point	it is not available the device.	The requirement stays unchanged.
NA	NA	Equipment point	The device is having all the respective features except one/two points as mention above	Clarified as: "The vendor must comply with all the required specification."
Page 58	15. Should be USFDA or European CE approved product.	NA	NA	To be amended as: *"Equipment should have USFDA or European CE certification"*

Plasma thawing bath (item at sl. no. 12)				
Tender Page & Para	**TENDER SPECIFICATION**	**NAME OF THE FIRM**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**
Point 3, page 58	Should be able to thaw 12-16 plasma bags within 30-45 mins.	Span Healthcare Pvt Ltd	Our Observation is to change the same to 2-16 bags of Plasma for keeping provisions of thawing even with minimum quantity of plasma bags collected.	The requirement stays unchanged.
Point 4, page 59	Should give an alarm when the plasma bags are thawed	Equipment Point	This features in provided with a timer for the alarm. It does not give alarm after the plasma bags are thawed.	To be "Deleted"
Point 12,page 59	The firm must supply a Cover (PVC) to keep the unit covered when not in use.	Equipment Point	Not provided.	The requirement stays unchanged. Clarified as : The vendor may add it as an accessory second item in the BOQ.
point 13, page 59	The firm must supply system compatible plastic pouches for holding the plasma bags to be thawed to avoid cross-contamination in case of leakage and direct contact with the water	Equipment Point	Not provided.	The requirement stays unchanged. Clarified as : The vendor may add it as an accessory second item in the BOQ.
Page 59	16. The quoted model should have FDA or CE or ISO certificate and copy of the same should be enclosed along with the technical bid.	NA	NA	To be amended as : *"Equipment should have USFDA/ CE/ISO certification."*

Water Bath (item at sl. no. 13)				
Tender Page & Para	**TENDER SPECIFICATION**	**NAME OF THE FIRM**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**
Page 59	1.(2).Should be double walled chamber with inner chamber made of stainless steel and the outer is made of thick sheet and duly powder coated.	Equipment Point	Does not provice in the specific	The requirement stays unchanged.
Page 59	1.(3).The cavity between the two chambers should be filled with high quality mineral glass wool. Dome shaped cover with knob to be provided.	Equipment Point	NA	The requirement stays unchanged.
Page 60	1.(4)Temperature should be controlled at increments of 1° C or less and is controlled by thermostat from room temperature to 100° C with an accuracy of ± 1° C.	Equipment Point	NA	The requirement stays unchanged.
Page 60	1.(8)Mercury thermometer to read up 100° C.	Equipment Point	Not comply	The requirement stays unchanged. Clarified as: The vendor may add it as an accessory second item in the BOQ
Page 60	2.(1)Should be supplied with removable stainless trays for accommodating test tubes and flasks to fit the water bath.	Equipment Point	It is not provided.	Clarified as: 2.(1)Should be supplied with removable stainless racks for accommodating test tubes and flasks to fit the water bath. The vendor may add it as an accessory second item in the BOQ
Page 60		NA	NA	Added Para:- Equipment should have USFDA or European CE certification. Manufacturer should have ISO certification.

Deep Freezer (-40˚C) 700 L (item at sl. no. 15)				
Tender Page & Para	**TENDER SPECIFICATION**	**NAME OF THE FIRM**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**
Page 61	Heading "S.No:-15 Deep Freezer (-40˚C) 700 L"	NA	NA	To be amended as : *"S.No:-15 Deep Freezer (-40˚C) 400 L"*
Point 3,page 61	Upright model with internal capacity 700 liters or more.	Equipment point	We have a deep freezer with a capacity of 400L. The same is advantageous as the risk for product damage can be reduced due to non functioning of bigger single unit DF, also the size is effective for the setup with maximum centers.	To be amended as : *"Upright model with internal capacity 400 liters or more."*
Point 11,page 61	Should be provided with data logger device.	Equipment point	Data can be collected from the device.	The requirement stays unchanged.
Point 18 ,page 61	System should have minimum vibrations, and noise level should not exceed 70 db.	Equipment point	our device is with the noise capacity less that 80db.	To be amended as : *"System should have minimum vibrations, and noise level should not exceed 90 db."*
Point 19, page 61	It must have automated defrost or a heating device on frame to avoid condensation	Equipment point	It is not comply with our device.	The requirement stays unchanged.
Page 62	26. Should be USFDA or European CE approved product.	NA	NA	To be amended as : *"Equipment should have USFDA or European CE certification. "*

Deep freezer(-80) 700L (item at sl. no. 16)				
Tender Page & Para	**TENDER SPECIFICATION**	**NAME OF THE FIRM**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**
Page 62	Heading "S.No:-16 Deep Freezer (-80°C) 800 L"	NA	NA	To be amended as : *"S.No:-16 Deep Freezer (-80°C) 400 L"*
Point 3,page 62	Vertical model with internal capacity 800 L or more.	Equipment point	our device is with capacity of max 400L & it is suggested for better ut lization of device and lesser dependency on a single unit of deep freezer.	To be amended as : *"Vertical model with internal capacity 400 L or more."*
Point 18,page 63	It must have automated defrost or a heating device on frame to avoid condensation	Equipment point	The same does not comply with our device.	The requirement stays unchanged.
Page 63	25. Should be USFDA or European CE approved product	NA	NA	To be amended as : *"Equipment should have USFDA or European CE certification."*

Dielectric Tube sealer (Bench top) (item at sl. no. 17)				
Tender Page & Para	**TENDER SPECIFICATION**	**NAME OF THE FIRM**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**
Point 12,page 63	Should be light weight not more than 6 Kg.	Equipment point	our device is also low weigh with 7.45kg weight. And is highly effective in its application to perform seales.	To be amended as: *"Should be light weight not more than 8 Kg."*
point 13,page 63	13. It should give alarm in case of detection of wet tube, leakage and sealing defect	Equipment point	it is not available with the device.	To be amended as: *"Deleted"*

point 3, page 62	3. The sealing time should be between 0.5-2 seconds. It should be able to make 70-80 seals/ hr.	NA	NA	To be amended as: *"3. The sealing time should be within 2 seconds. It should be able to make atleast 40 seals/ hr."*

Manual Plasma Extractor (item at sl. no. 18)				
Tender Page & Para	**TENDER SPECIFICATION**	**NAME OF THE FIRM**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**
Page 64	6. Certifications: Product certification: CE class IIA or US FDA certified.	NA	NA	To be amended as: *"6. It should have European CE class IIA or US FDA certification"*

Blast Freezer (item at sl. no. 20)				
Tender Page & Para	**TENDER SPECIFICATION**	**NAME OF THE FIRM**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**
Page 66		NA	NA	*Added Para:- "Equipment should be USFDA or European CE certified"*

Biological X-ray based blood irradiator (item at sl. no.22)				
Tender Page & Para	**TENDER SPECIFICATION**	**NAME OF THE FIRM**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**
		NA	NA	Added Para:- *" Equipment should be USFDA or European CE certified"*

Page no.67, Para 3	The system MUST have X-ray tube output limits up to 220 kV, 30 mA and/or 3 kW.	M/s. Team Best Theratronics	The system MUST have X-ray tube output limits up to 160 kV, 26 mA and/or 3 kW.	To be amended as: *"The system MUST have X-ray tube output limits up to 160 kV, 26 mA and/or 3 kW."*
Page no.67, Para 4	The X-ray tubes should have life span of at least 5 years/5000 hours.	M/s. Team Best Theratronics	The X-ray tubes should have life span of at least 5 years.	To be amended as: *"The X-ray tubes should have life span of at least 5 years."*
Page no.67, Para 7	It must have self-contained cooling system without requirement of external water supply.	M/s. Team Best Theratronics	It should have self contained / external cooling system with or without requirement of external water supply	To be amended as: *"It should have self contained / external cooling system with or without requirement of external water supply."*
Page no.67, Para 8	Canister volume should be able to accommodate a minimum of 6 to 8 blood bags each of 300 ml at a time	M/s. Team Best Theratronics	Canister volume should be able to accommodate a minimum of 3 to 6 blood bags each of 300 ml at a time	To be amended as: *"Canister volume should be able to accommodate a minimum of 3 to 6 blood bags each of 300 ml at a time."*
Page no.67, Para 10	The system MUST include a positioning function for beam and specimen alignment.	M/s. Team Best Theratronics	The system may include a positioning function for beam and specimen alignment. (Not required as the canister is in a fixed location)	To be amended as: *"The system may include a positioning function for beam and specimen alignment."*

Fully Automated Random Access Chemiluminescence (item at sl. no. 23)				
Tender Page & Para	**TENDER SPECIFICATION**	**NAME OF THE FIRM**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**
Page 69, Point 2.	The instrument should have throughput of at least 40 tests/hr.	Span Healthcare Pvt Ltd	All leading companies have the throughput ranging between 80-100 tests per hour. By not considering the change unknown companies having smaller throughput are more preferred as the tender is based on one bidder one complete project. Potential vulnerability of non- standard equipment gaining entry will be compromised for the setup.	The requirement stays unchanged.
Page 70		Span Healthcare Pvt Ltd	All reputed manufacturers of Chemiluminiscence System are US FDA and European CE certified. It is necessary to ask for the same certificate as this is very critical equipment because the Blood Bank will be completely dependent on the results of screening the highly critical parameters.	*Added Para:- "Equipment should be European CE or USFDA certified"*

24 Table Top Centrifuge (item at sl. no. 24)				
Tender Page & Para	**TENDER SPECIFICATION**	**NAME OF THE FIRM**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**
Page 71	18. Should be USFDA or European CE approved product.	NA	NA	To be amended as : *"Equipment should have USFDA or European CE certification."*

Reagent Refrigerator (item at sl. no. 25)				
Tender Page & Para	**TENDER SPECIFICATION**	**NAME OF THE FIRM**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**
Point 8,page 71	Independent safety thermostat to avoid negative temperatures.	Equipment Point	it covers all the interations safety parameters but this point does not comply with our device.	The requirement stays unchanged.
Point 10,page 71	Internal temperature hold over time in case of power failure should be at least 1.5 hours	Equipment Point	Not treated.	The requirement stays unchanged.
Page 71	16. Should be USFDA or European CE approved product.	NA	NA	To be amended as : *"Equipment should have USFDA or European CE certification"*

Micro pipette set (Manual adjustable) (item at sl. no. 26)				
Tender Page & Para	**TENDER SPECIFICATION**	**NAME OF THE FIRM**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**
Page 72	14. Should be US FDA or European CE approved.	NA	NA	To be amended as: *"Equipment should have USFDA or European CE certification."*

Multichannel Pipette (item at sl. no. 27)				
Tender Page & Para	**TENDER SPECIFICATION**	**NAME OF THE FIRM**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**
Page 73		NA	NA	Added Para: *"Equipment should have USFDA or European CE certification."*

Digital pH Meter (item at sl no. 28)				
Tender Page & Para	**TENDER SPECIFICATION**	**NAME OF THE FIRM**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**
Page no 73	14. Should be USFDA or European CE approved product.	NA	NA	To be amended as: *"Equipment should have USFDA or European CE certification."*

Walk-in Modular Cold Room (item at sl. no. 29)				
Tender Page & Para	**TENDER SPECIFICATION**	**NAME OF THE FIRM**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**
Page 76		NA	NA	Added Para: *"Equipment should have USFDA or European CE certification."*

Fully Automated Immuno-Haematology (IH) platform (item at sl. no. 30)				
Tender Page & Para	**TENDER SPECIFICATION**	**NAME OF THE FIRM**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**
Page 77	13. Should be USFDA or European CE approved product.	NA	NA	To be amended as: *"Equipment should have USFDA or European CE certification."*

Blood Bank Refrigerator 300-350 L (item at sl. no. 31)				
Tender Page & Para	**TENDER SPECIFICATION**	**NAME OF THE FIRM**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**
Point 2.9, page 77	Automatic defrosting and condensed melt water evaporation.	Equipment Point	it complies with all the 31 points except this specific functioning.	The requirement stays unchanged.

Apheresis Machine (item at sl. no. 32)				
Tender Page & Para	**TENDER SPECIFICATION**	**NAME OF THE FIRM**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**
Point 1, page 78	Continuous Flow Blood Cell Separator.	Span Healthcare Pvt Ltd	Our observation is to mention intermittent flow also. Instrument must always be intermittent while using single needle operation so for single/double needle, it should always be intermittent/continucus flow for the benefit of donor. Also the extracorporeal volume should be less than a unit of blood normally donated by any healthy donor which is less than 450 ml.	To be amended as: *"Continuous and/or Intermittent Flow Blood Cell Separator."*

Point 20.a, page 79	20 a. 50 disposable platelet pheresis kits should be provided with the system	NA	NA	To be *"Deleted"*

Bio-Safety Cabinet (item at sl. no. 35)				
Tender Page & Para	**TENDER SPECIFICATION**	**NAME OF THE FIRM**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**
Page 82, Point 1.	Floor model, horizontal flow, well lighted, work space, low vibration and noise. Easy to maneuver due to caster wheel provision. Overall dimension of workspace should be approximately 1200mmx600mmx600mm. Class 2A type.	NA	NA	To be amended as: *"Tabletop model, well lighted, work space, low vibration and noise. Easy to maneuver due to caster wheel provision. Overall dimension of workspace should be approximately 1200mmx600mmx600mm. Class 2A type."*

Electronic Analytical Balance (item at sl. no. 38)				
Tender Page & Para	**TENDER SPECIFICATION**	**NAME OF THE FIRM**	**REPRESENTATION RECEIVED FROM THE FIRMS**	**COMMITTEE RECOMMENDATION**
Point 1 ,page 83	Electronic balance with transparent case.	Equipment Point	Transparent case not provided, but it does not affect the functioning of the device.	The requirement stays unchanged.
Point 2,page 83	2. Digital display of weight and other parameters should be there.	Equipment Point	Manual calibration is done.	The requirement stays unchanged.

Other queries related to Equipment					
S No.	**Item**	**Item Description**	**Name of the firm**	**Representation received from firms**	**Committee Recommendation**
1	Donor couch in Donor / Bleed Room		Span Healthcare Pvt Ltd	7 nos specified	It is Clarified as: I. The quantity of following items are amended as below. *Sl No.2. Blood Collection Monitor - 8 Nos* *Sl No.3. Blood Donor Couch - 14 Nos* II. *The quantity of item Sl.no 32, Aphaeresis Machine remains unchanged as 7 Nos.*
2	Balance qty - 6 nos for Aphaeresis Lab	Aphaeresis machine qty - 7 nos.	Span Healthcare Pvt Ltd	Please clarify the disconnect	
3	Bio Safety Cabinet	Location -where it is proposed to be put up .	Span Healthcare Pvt Ltd	Please confirm if the back up room will also be as per some cleanliness levels and will maintain differential pressures for operator safety .	Clarified as: It has to be as per D & C Act, (Drug and Cosmetic Act) WHO Guidelines (Design Guidelines for Blood Centres), NACO and CDISCO Guidelines.
4	Bio Safety Cabinet	Specifications in Tender say it to be Floor Model while the Equipment List says it to be Table top model .	Span Healthcare Pvt Ltd	Please clarify the disconnect	Clarified as: The technical specification of the item has been amended to 'Tabletop model'.
5	Bio Safety Cabinet	Horizontal Flow	Span Healthcare Pvt Ltd	Please clarify / re-confirm.	This point 'Horizontal Flow' stands 'Deleted'.

6	Bio Safety Cabinet	Type II A	Span Healthcare Pvt Ltd	Please clarify on exhaust to be left within room or to be routed outside. This will have a bearing on the Lab Design Air Management.	It has to be as per D & C Act, (Drug and Cosmetic Act) WHO Guidelines (Design Guidelines for Blood Centres), NACO and CDISCO Guidelines.

General Queries

S. No	Page No & Point No	Existing Point	Name of the firm	Representation received from firms	Committee Recommendation
1	NA	NA	Span Healthcare Pvt Ltd	Please clarify the point regarding Air Conditioned services as the same facility is provided by the Hospital than what is going to be the role of the vendor in maintenance as the facility is already given the Air Conditioning by the Hospital.	No such specific point in the tender. Hence not considered this point.
2	NA	NA	Span Healthcare Pvt Ltd	What will happen if we have to recast some walls and floors where we have to develop the facility as per our design approved by your office? Any specific colours required to be considered for partitions / floors or walls because pastel colours are normally used in Blood Banks.	No such specific point in the tender. Hence not considered this point.
3	Page 47, Para-I, Point No.14	NA	Span Healthcare Pvt Ltd	Please provide the details of the Pneumatic Tube System Vendor for the pneumatic work as mentioned by you for cost calculation at our end.	It is clarified as: Pneumatic system has already been ordered hence no cost is accord on Blood Bank Vendor.

4	NA	NA	Span Healthcare Pvt Ltd	Please clarify that manufacturer Agreement Letter will be a common letter and not for every equipment because the bidder is solely responsible for the warranty period and there are many instruments which are arranged by the bidder to meet your tendered requirements and the association is limited for the institution only.	No such specific point in the tender. Hence not considered this point.
5	Page 67	NA	Span Healthcare Pvt Ltd	Biological X-Ray based Blood Irradiator needs to be installed only on the Ground Floor as per the availability of the space but it is not recommended for higher floors. The weight and radiation compliance prohibits the structure of the Blood bank	Clarified as: "No change considered."
6	NA	NA	Span Healthcare Pvt Ltd	Warranty of the facilities like HVAC / Infection control should be with the hospital facility supervisor and not with the vendor / bidder as the same can-not be one.	Clarified as: "No change considered."
7	NA	NA	Span Healthcare Pvt Ltd	Tender document does not mention for providing NAT facility but initial drawing and site does mention the same. If it remains in abeyance currently, later space provisions will be compromised instead of space utilization more effectively as mentioned in the tender document.	Clarified as: "No change considered."
8	Page 14, Clause no.16(1)	NA	Span Healthcare Pvt Ltd	Permission to quote alternate models meeting the tender specifications from the same manufacturer- Our observation is to keep the same open for the bidder because there are limited manufacturers who offer alternate models with same specifications and moreover it is the responsibility with the bidder to maintain high quality being quoted as single bid	Clarified as: "No change considered."

				security.	
9	NA	NA	Span Healthcare Pvt Ltd	All the instruments requiring chart paper for print out; it is desired by the tenderer to provide the same by the vendor free of cost for a period of 5 years during the warranty period. This appears to be a non- conforming statement as the responsibility of the same must not be with the vendor however the vendor can supply initial 3-4 months of stock so that hospital can make purchases as per the requirement from various economical resources.	No change considered.

10	NA	NA	Span Healthcare Pvt Ltd	2. Request a written clarification of the following items: a. That both intermittent and continuous flow cell separators be permitted to the bidder b. Whether all authorizations have to be from the ORIGINAL MANUFACTURER or whether their subsequent agreement to ensure performance is adequate (this is because many companies will not be able to accept the tenderers as AUTHORIZED DISTRIBUTORS in time to submit the tender because of their compliance process (SPAN is fine in this aspect across the spectrum of products, this is NOT AN ISSUE for us but we are bringing it up in any case) c. Whether both Gel-based AND micro-plate based technologies have been deemed acceptable by the committee	Clarified as: "No change considered."

Room design related Queries

S NO.	Item / Lab Name	Clarification	Name of the firm	Representation received from firms	Committee Recommendation
1	QC Lab	No space / not earmarked in the layout provided.	Span Healthcare Pvt Ltd	Please clarify location	Clarified as: "The design of the Blood Bank should be as per D & C Act, (Drug and Cosmetic Act) WHO Guidelines (Design Guidelines for

2	Component Lab	Too small space provided.	Span Healthcare Pvt Ltd	If Meeting room too is merged the space is small . Further as per cGMP requirements , Ante Room & Air Locks , Change Rooms etc will also be required.	Blood Centres), NACO and CDISCO Guidelines. Vendors are permitted to modify existing structure, as per their required design."
3	NAT Lab	Small space.	Span Healthcare Pvt Ltd	We propose adding Irradiator Room to it .	
4	Meeting Room		Span Healthcare Pvt Ltd	Can be built by merging the 3 rooms adjacent to the issue counter. Meetings can be held on the outer periphery itself without the people / doctors having to go or pass inside the work areas / Labs.	
5	discard Room	Location	Span Healthcare Pvt Ltd	Please clarify. Need it to be someplace near to outside corridor as the items from this room will go directly outside to incinerator / bio-medical waste if & as required.	
6	Cold Room	Location	Span Healthcare Pvt Ltd	Need the same to be near the periphery wall as this will need dedicated outdoor units and they will need to be placed / hung outside with free access to open air.	Clarified as: "The design of the Blood Bank should be as per D & C Act, (Drug and Cosmetic Act) WHO Guidelines (Design Guidelines for Blood Centres), NACO and CDISCO Guidelines.

7	Office Room	Location	Span Healthcare Pvt Ltd	Please confirm. Is it proposed to be near / adjacent the issue counter.	Vendors are permitted to modify existing structure, as per their required design."
8	Faculty Office	Location	Span Healthcare Pvt Ltd	Please confirm. Is it proposed to be near / adjacent the issue counter.	
9	Staff Common Room	Location	Span Healthcare Pvt Ltd	Please confirm. Is it proposed to be near / adjacent the issue counter.	

Queries related to Turnkey Works

S no.	Pg No.	Item No.	Item Description	Name of the firm	Representation received from firms	Committee Recommendation
	98	Ann 3	turnkey works description			
1		4	Makes of HVAC items	Span Healthcare Pvt Ltd	none of the same makes AHU etc which will be used in the facility for Air management / filtration	**Clarified as:** "In such case, any AHU provided by the supplier will be accepted."
2	99	7	Sufficiency of Tender	Span Healthcare Pvt Ltd	Cannnot be open ended . Some battery limits have to be set for scope / quantities/ price .	**Clarified as:** **"No change considered."**
3		9	Communication System	Span Healthcare Pvt Ltd	Required PA system for 9 areas including Mic/ Speakers . PA system is a part of the Fire Alarm System with 1 central mic and speakers all across . If required separately with set of 1 mic and speakers in each area , please confirm.	**Clarified as:** "This communication system is for internal communication of staffs."

4		10	cGMP Guidelines to be followed for Component Lab , NAT lab & TTI lab .	Span Healthcare Pvt Ltd	Please confirm on the cleanliness levels required Further please also confirm if restricted access required to these labs . This will entail constructing set of Garment change rooms / ante rooms and graded positive / negative pressures as required	**Clarified as: "cGMP guidelines to be followed wherever and as recommended by NACO, WHO and D&C guidelines."**
5	100	13	Lighting - LED 500 lux	Span Healthcare Pvt Ltd	Please reconfirm as normally the clean rooms / Labs have ambient lighting levels of 300-350 lux at work surface ht.	**Amended as : *"Lighting - LED 300-350 Lux"***
6			toughened glass windows with curtains	Span Healthcare Pvt Ltd	All windows are sealed and double glazed with toughened glass. However, the Lab area does not have any wall exposed to outside and any light coming in will be from adjoining corridors etc . Labs do not have any curtains. We could provision for frosted glass (one side) for whichever windows as confirmed by you .	**Amended as : *"toughened glass windows"***
7			Fire fighting	Span Healthcare Pvt Ltd	mentioned about sprinklers / Hose and Pressure Pumps for Fire fighting . Fire fighting system will be for the entire building and cannot be segregated for the Blood Bank	**Clarified as: "No change considered."**
8	101	14	Air-conditioning - Zoning Concept	Span Healthcare Pvt Ltd	Please clarify on the same	**Clarified as:** "Zoning concept if any, as per D & C Act, (Drug and Cosmetic Act) WHO Guidelines (Design Guidelines for Blood Centres), NACO and CDISCO Guidelines."

9			Chilled Water (CHW)	Span Healthcare Pvt Ltd	Noted. Please confirm on the temperature as well.	**Clarified as:** "Inlet temperature of chilled water is 7 degC."
10			Hot Water (HW)	Span Healthcare Pvt Ltd	Please confirm on the availability of the same as well.	**Clarified as:** "Hot water is not supplied by NCI-AIIMS."
11	120	6	AERB approvals	Span Healthcare Pvt Ltd	Please clarify for which area as the same comes up for Radio pharmacy or radiation areas only	**Clarified as:** "AERB Approvals to be taken as applicable."
12			AHU Location / Space	Span Healthcare Pvt Ltd	Space to keep the extra AHUs which will come up for the various areas .	**Clarified as:** "Space will be provided by the institute as per requirement at an appropriate location."
13				Span Healthcare Pvt Ltd	Separate AHUs for different areas .	**Clarified as:** "HVAC design, as per D & C Act, (Drug and Cosmetic Act) WHO Guidelines (Design Guidelines for Blood Centres), NACO and CDISCO Guidelines."
14			Discard Room	Span Healthcare Pvt Ltd	Being mentioned in tender . Proposed location / space.	**Clarified as:** **"No change considered."**
15			ETP	Span Healthcare Pvt Ltd	Discard Room being talked about in tender . Also there could be some liquid wastes . Please confirm on the ETP required/ provision for the same with a separate drain line .	**Clarified as:** "ETP inlet line will be provided at one point near the Blood Bank area."

Added Para (In turnkey works Annexure-3)	***Turnkey works of Blood Bank have been executed to a large extend. The bidders are required to visit the site and conduct a detailed assessment with regard to any Civil, Electrical & HVAC changes required in Blood Bank area as per tender requirements. The bidder should quote for turnkey works only for the additional/differential works required in the blood bank area to meet the tender requirements.*** ***Any makes and models given in the tender are to be used by the bidder while executing turnkey works identified after site visit. However, no additional turnkey work should be quoted for on account of a different make and model already used at the existing Blood Bank site.***

Commercia Queries

S. No	Page No	Point No	Existing Point	Name of the firm	Representation received from firms	Committee Recommendation
1	19	27.4 (V)	Bidder has quoted for goods manufactured by other manufacturer(s) without the required Manufacturer's Authorization Form as per Section XIII.	SR Biohealth	AUTHORISATION- TENDER CONTAINS EQUIPMENTS WHICH ARE NOT MANUFACTURED BY ANY SINGLE COMPNAY AND HAS TO SOURCE FROM MANY SUPPLIERS. AUTHORISATION FOR ALL EQUIPMENTS ARE NOT POSSIBLE AND ALSO RESTRICS NCI TO GET BEST EQUIPMENTS. AUTHORISATION MAY BE APPLICAELE TO MAJOR EQUIPMENTS -MINIMUM WORK ORDER EQUIOMENTS ONLY. AUTHORISATION OF AUTHORISED DISTRIBJTOR OF MANUFACTJRERE SHALL ALSO BE ALLCWED.	**The following para from MAF stands 'Deleted'.** "We further confirm that no supplier or firm or individual other than Messrs. _____ (name and address of the above agent) is authorised to submit a bid, process the same further and enter into a contract with you against your requirement as contained in the above referred TE documents for the above goods manufactured by us."

2	36	21.1 POINT (A	On delivery: 75% payment of the contract price shall be paid on receipt of goods in good condition and upon the submission of the following documents: (i) Original copies of supplier's invoice showing contract number, goods description, quantity, packing list, unit price and total amount;	SR Biohealth	SINCE THERE ARE NUMBER OF EQUIPMENTS, 75% PAYMENT OF SUPPLIED EQUIPMENTS SHALL BE RELEASED IN PARTS AS AND WHEN EQUIPMENTS SUPPLIED.	Clarified as: Part supply shall not be entertained.
				Span Healthcare Pvt Ltd	Page Number-36- Point 21.1-(A): Payment Terms--Tender document terms says that payment will be disbursed as : 75% against submission of GRC and 25% against final acceptance of the delivery- Observation is the same will be applicable for site renovation or it is against the instrument which will be supplied after the facility is completed.	Clarified as: "No change considered."
3	37	21.1 POINT (B)	Balance 25% payment would be made against "Installation and Acceptance Certificate" of goods to be issued by the End User subject to recoveries, if any, either on account of non-rectification of defects/deficiencies not attended by the Supplier or	SR Biohealth	PAYMENT- BALANCE PAYMENT OF 25% SHALL BE RELEASED AFTER SUCCESSFUL INSTALLATION AND NOT LINKED TO TRIAL BECAUSE BLOOD BANK HAS LICENSING FORMALITIES WHICH ARE PART OF HOSPITAL RESPONSIBILITY AND ARE BEYOND OUT CONTROL.	Clarified as: "No change considered."

			otherwise. "Installation and Acceptance Certificate" need to be issued by the concerned End User after installation, commissioning, testing and successful trial run (if applicable).			
4	121	Point 3.d	Blast freezer- 1 (one) no.	SR Biohealth	WORK /SUPPLY OF BLAST FREEZER- BLAST FREEZER IS NOT A ROUTINE PRODUCT WHICH IS NOT TAKEN BY MOST BLOOD BANKS HENCE SHALL NOT BE PART OF QUALIFICATION OF BIDDER.	**To be amended as 'Blood Bag Refrigerator' instead of 'Blast Freezer'**
5	122	Page 122, PROFORMA 'A'	PERFORMANCE STATEMENT (For the period of last five years)	SR Biohealth	CONSIDER THE PERIOD OF LAST 7 YEARS INSTEAD OF 5 YEARS	**Amended as:** PERFORMANCE STATEMENT (For the period of last ***seven*** years)
6	3	Point 1	Last date of submission 14.09.2018	SR Biohealth	EXTEND THE LAST DATE OF SUBMISSION TO 30TH SEPTEMBER 2018 AT LEAST	Being considered
7			**CIVIL/ELECTRICAL/TURN KEY WORK AS PER ANNEXURE 3**	SR Biohealth	SHOULD BE SEPARATE TENDER AS EQUIPMENT COMPANIES ARE NOT EXPERT IN THIS.	Clarified as: "No change considered."

8			1. The current format of the tender requires that the prices be frozen in INR for the entire period. While this may be for creating a clear reasoning from a budgetary process, it will create a lot of pressure on the tenderer because: a. All tendered prices would have to be based on the forecasted USD over a ten (10) year period. Since none of the tenderers are experts in FX forecasting, this will mean the prices will not be reflective of anything but a wild guess b. When this is combined with the stated intent of the tender management team that NCI reserves the right to purchase disposables quoted by the tenderer (which is then a part of the overall evaluation of the tender), this will cause the tenderer to have no control over the business – which cannot and should not be the intent of the tender	Span Healthcare Pvt Ltd	1. Require that the tenderers provide annual prices for each item quoted. NCI could provide annual volumes in advance, or consistently use the same volume for the evaluation of ALL the vendors (the formula would be NCI will provice annual volumes of disposables MULTIPLY it by the price quoted for each year - say April – March for ten consecutive years for each of the products for each of the tenderers 2. Evaluate the entire project based on: a. Infrastructure and build-out of the blood bank b. Cost of the equipment bid for the set-up c. Cost of the disposables over the ten years in constant rupee terms 3. However if we are all evaluated on the TOTAL VALUE of the opportunity, then NCI SHOULD BE required to buy the products, quality being acceptable, from the winning tenderer	**Clarified as:** "Yearwise price format for consumables shall be made available in Pricebid format."

				Span Healthcare Pvt Ltd	1. Each component supplied should have a value assessed to it. When it is delivered, 75% is released and when it is installed 25% is released – for that specific component 2. Break out the supplies into segments (BOQ) – Collection, Separation, Screening, Storage, Processing etc., with payments for each segment made based on 75% upon delivery and 25% on installation 3. Graduate the payments into 75% (Delivery), 15% (Installed) with 10% held over until the ENTIRE PROJECT EQUIPMENT is delivered AND installed. The last one ensures that there is significant money at stake for the completion – but the cost of investment required on the Tenderer is not so high that the tenderer fails because of working capital	Clarified as: "No change considered."