

HSCC (I) Ltd

AMENDMENT –III Dated 22.05.2019

IFB No.: **HSCC/PUR/CNCI/KOLKATA/MEDICAL EQUIPMENT/104 Dt. 12.04.2019**

The reply to the pre bid queries have been received from CNCI Kolkata for the above the referred IFB and the same may be uploaded today. It is proposed that the Bid sale, submission and opening date for the above the referred IFB may extended as per details given below:

| Sl. No. | Description | Existing Schedule | Revised Schedule |
|----------------|---|--|--|
| i. | Sale date of the tender | 12.04.2019 to 21.05.2019, (Up to 17.00 Hrs) | 12.04.2019 to 29.05.2019, (Up to 17.00 Hrs) |
| ii. | Closing date & time for receipt of tender | 22.05.2019, 2.00 P.M. | 30.05.2019, 14:00 Hrs. IST |
| iii. | Time and date of Opening | 22.05.2019, 2.30 P.M | 30.05.2019, 14:30 Hrs. IST |

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

Prospective bidders are advised to regularly visit HSCC website/ CPPP website for corrigendum/ amendments etc. if any, as these will be notified on these portals only. No separate advertisement will published in the newspapers in this regard.

Sr.CGM-1, HSCC (India) Limited

For and on behalf of Director, CNCI, Kolkata

GENERAL QUERY:

| Sl. No | Tendered Technical Specification | Bidder's Queries | CNCI Decision for any Amendments, if any |
|--------|----------------------------------|------------------|---|
| | OTHER INFORMATIONS | -NA- | All offline Documents (like Original Offline EMD, Affidavit etc, as per Bid Document) are to be submitted in sealed envelope at HSCC, NOIDA Office: E-6(A), Sector - I, NOIDA - 201 301. |
| | OTHER INFORMATIONS | -NA- | The EMD shall be in favour of HSCC (I) Ltd. |
| | OTHER AMENDMENTS | -NA- | <i>Last Date of Sale of Tender Document Stand Amended: From 12.04.2019 To 29.05.2019 (till 17:00 Hrs IST)</i> <i>Closing Date & Time stands Amended: From 22.05.2019 To 30.05.2019 (at 14:00 Hrs IST)</i> & <i>Date & Time of Bid Opening stands Amended: From 22.05.2019 To 30.05.2019 (at 14:30 Hrs IST)</i> |

TECHNICAL QUERY

Name of Item: 1. Binocular Microscope

| Sl. No | Tendered Technical Specification | Bidder's Queries | CNCI Decision for any Amendments, if any |
|--------|---|---|---|
| | Point no 2. Eyepiece WF 10x/22 mm with foldable eye guard, antifungus coating | Prospective bidder requested to change the field no from "10X/22" to "10X/20" as it is a standard in binocular Microscopes. | Should be read as "Eyepiece WF 10X/20 mm with foldable eye guard antifungus coating." |
| | Point no 2. Objectives RP Series DIN Achromatic 4x,10x,40x, (Spring loaded), 100x (Spring loaded, oil) | Prospective bidder requested to delete terms "RP Series DIN Achromatic" as it is specific commercial brand name of a certain company. | Should be read as "Objectives 4x,10x,40x, (Spring loaded), 100x (Spring loaded, oil)" |
| | Point no 5. Condenser NA 1.25 with aspheric lens illumination Halogen 6V - 20W FAD 9126000 LED | Prospective bidder requested to change "Halogen 6V-20W FAD 9126000" LED" to "LED Light source with minimum 20,000 hours lamp life" | Should be read as "Condenser NA 1.25 with aspheric lens illumination LED Light source with minimum 20,000 hours lamp life" |
| | NA | Prospective bidder requested to add certain quality standards such as ISO9001, ISO14001 and ISO13485 | Should have CE/ISO certificate. |

Name of Item: 15. Autometer ESR Analyzer

| Sl. No | Tendered Technical Specification | Bidder's Queries | CNCI Decision for any Amendments, if any |
|--------|---|--|---|
| | 2. ESR tubes: 9/120 mm, 1.6 ml Vaccum / Non Vaccum ESR | Prospective bidder have requested to amend as ESR tubes: 9 /120 mm , 1.6 ml vaccum /Non Vaccum ESR / EDTA tubes | Should be read as “ESR tubes: 9 /120 mm, 1.6 ml vaccum /Non Vaccum ESR / EDTA tubes”. |
| | 4.Loading Pattern: Random Access | Prospective bidder have requested to amend as Loading Capacity minimum 20 Samples and Random/Batch Access | Tender spec prevailed. |
| | 10. Measurement Principle: Infra Red Detection, transmission reading at start and during 30mins | Prospective bidder have requested to amend as Measurement by Infra Red Detection/Optical Sensor. | Tender spec prevailed. |
| | 13. LCD Display with back light | Prospective bidder have requested to amend as LCD Display with back light /LED Display with Touch screen. | Should be read as “LCD Display with back light /LED Display with Touch screen” |
| | | Prospective bidder have suggested to add for Inbuilt Mixer. | Point added : Preferably with inbuilt mixer facility. |
| | | Prospective bidder have suggested to add for Internal Quality Control Management system. | Point added: Should have Internal Quality Control Management system. |

Name of Item: 20. Binocular Microscope with oil Immersion (Imported)

| Sl. No | Tendered Technical Specification | Bidder's Queries | CNCI Decision for any Amendments, if any |
|--------|----------------------------------|---|---|
| | NA | Prospective bidder requested to add certain quality standards such as ISO9001, ISO14001 and ISO13485 | Point added: Should have CE/ISO certificate. |
| | NA | Prospective bidder requested to specify country of origin as its and imported product | Point added: Will require to submit country of origin certificate. |

Name of Item: 21. Bio safety Cabinet

| Sl. No | Tendered Technical Specification | Bidder's Queries | CNCI Decision for any Amendments, if any |
|--------|---|---|---|
| | Point no. 20. Should conform to international standard (NSF certified) | Prospective bidder have requested to consider the following points NSF certificate is an American Standard certificate. However, equivalent to this certificate EN12469 is European Standard Certificate. So, the firm have requested to amend the specification accordingly; so that the specification remains generalized & more tenderer can participate. | Should be read as “ Point No. 20. Should conform to international standard (NSF certified or EN certified) ” |
| | | | |

Name of Item: 23. Blood Bags Centrifuge

| Sl. No | Tendered Technical Specification | Bidder's Queries | CNCI Decision for any Amendments, if any |
|--------|--|---|--|
| | provision of both drain and condensed water collection container | Prospective bidder have requested to amend as provision of both drain and condensed water collection container of minimum five-liter capacity | Tender spec prevailed. |
| | Twelve 350ml and/or 450ml single, double, triple, quadruple/quintuple blood bags with SAGM bag and empty satellite bags with In Line filter system | Prospective bidder have requested to amend as The machine should be capable of upgradation to 16 or more bags capacity in future. Should have Rotor bucket cycle log monitors bucket life for added safety | Tender spec prevailed |
| | Removable plastic adapters to hold single/double/triple/ quadruple blood bags with partition in every bucket. | Prospective bidder have requested to amend as Removable plastic cups (adapters) with smooth edges to hold double/triple/ quadruple/quintuple blood bags, with provision to hold balancing weights at the sides of the insert so it will not come in contact with blood bags. Supplied with set of balancing weights | Tender spec prevailed |
| | Insert with hook adapter to spin buffy coat or small volume of blood and balancing weights for inserts. | Prospective bidder have requested to amend as Removable plastic inserts having smooth edges with built in hook adapter to spin buffy coat or small volume of blood. The metal plate and hook should be made of same material with clean finish. The insert should have provision to hold balancing weights at the sides so it will not come in contact with blood bags. Supplied with set of balancing weights | Tender spec prevailed. |
| | Motor imbalance detection: automatic shutdown of centrifuge if rotor load is out of balance with appropriate indicator | Prospective bidder have requested to amend as Rotor imbalance detection: Automatic shutdown of centrifuge if rotor load difference on opposite sides is 250 gram or more, with appropriate error message. The imbalance should be detected within 1500 RPM speed | Tender spec prevailed. |
| | NA | Prospective bidder have requested to add Satisfaction certificate from Blood Banks of at least 3 reputed Central Govt. Medical Institutes- AIIMS, PGI Chandigarh, SGPGI Lucknow, JIPMER Pondicherry | Points added: "Satisfaction certificate from Blood Banks of at least 3 reputed Central Govt. Medical Institutes/hospital" |
| | NA | Prospective bidder have requested to add Live satisfactory performance demo needs to be provide by the vendor to become technically qualified | Points added: "Live Demo required to be provided by the vendor for technical evaluation." |
| | Certification: | | |
| | Product certifications : European CE Class II A & US FDA certified | Prospective bidder have requested to amend as European CE class IIA/(either)USFDA Compliance | Should be read as "European CE class IIA/ USFDA certified" |
| | Electrical safety: Equipment meets electrical safety specifications such as that of IEC (Class I) | Prospective bidder have requested for No change in Electrical Safety specification. | Tender spec prevailed. |
| | NA | Prospective bidder have given Importance to go for 16 bag capacity Blood Bank Centrifuge. | No change |

Name of Item: 25. Mobile 3 D C- Arm with Image Intensifier

| Sl. No | Tendered Technical Specification | Bidder's Queries | CNCI Decision for any Amendments, if any |
|--------|--|---|---|
| | Mobile 3 D C- Arm with Image Intensifier | Prospective bidder have requested to amend as Mobile 3D C-Arm with Flat Panel | Tender spec prevailed. |
| | Point No. 1 Should be a Versatile compact with facility to allow unobstructed positioning and enhanced ease of operation in operation theatre. C-arm with flat panel and 3D to have following or better mechanics: | Prospective bidder have requested to amend as System should be versatile compact with facility to allow unobstructed positioning and enhanced ease of operation in operation theatre. C-arm with flat panel and 3 D Visibility to have following or better mechanics. | Should be read as “ should be a versatile compact with facility to allow unobstructed positioning and enhanced ease of operation in operation theatre. C-arm with flat panel and 3 D Visibility to have following or better mechanics. ” |
| | Point No. 1.8 Versatile, user friendly 3D recon facility with the compatibility to present image guidance system | Prospective bidder have requested to amend as Versatile, user friendly 3D Visibility facility with the compatibility to present image guidance system | Should be read as “ Versatile, user friendly 3D recon facility or 3D Visibility facility with the compatibility to present image guidance system ” |
| | 2. Image Intensifier | Prospective bidder have requested to remove the word “Image Intensifier” as the internal specification is for Flat panel. | Should be read as “ Flat Panel ” |
| | 3. TV Camera & Memory 3.1.1. Compact CCD camera with at least 1K x 1K pixels or better, along with Two No. 18” TFT high resolution(1280x1024) monitor mounted on easy to move integrated trolley having facility of recording devices for archiving of images on a hard disk of about 18000 or more images with 1K x 1K – 12 bit, as well as on CD in DICOM 3 format. | Prospective bidder have requested amend as 3.1.1.Flat Panel with at least 1k×1k pixels or better, along with Two No. 18” TFT high resolution (1280×1024) monitor mounted on easy to move integrated trolley having facility of recording devices for achieving of images on a hard disk of about 18000 or more images with 1k×1k-12 bit, as well as on CD in DICOM 3 format. | Should be read as “ 3.1.1. Flat Panel with at least 1k×1k pixels or better, along with Two No. 18” TFT high resolution (1280×1024) monitor mounted on easy to move integrated trolley having facility of recording devices for achieving of images on a hard disk of about 18000 or more images with 1k×1k-12 bit, as well as on CD in DICOM 3 format. ” |

Name of Item: 28. Coagulometer Fully automated

| Sl. N | Tendered Technical Specification | Bidder's Queries | CNCI Decision for any Amendments, if any |
|-------|--|---|--|
| | Automated Coagulation Analyser 9.Availability of 30 Programmed & up to 60 tests methodologies should be provided | Prospective bidder have requested to amend as Availability of minimum 15 & above program should be provided | Should be read as” Availability of 15 Programmed &above & 15 or more test methodologies should be provided” |
| | 10.Minimum 96 sample positions with STAT facility should be provided | Prospective bidder) have requested to amend as Minimum 72 and above Cuvette position with STAT facility. Sample position 20 and above with continuous loading facility | Should be read as” Minimum 72 and above Cuvette position with STAT facility” |
| | 11. Refrigerated Reagent position of minimum of 30 all at 15C should be available | Prospective bidder have requested to amend as Refrigerated reagent position of minimum of 15 and above all at 15C should be available | Should be read as “Refrigerated reagent position of minimum of 15 and above all at 15C should be available” |

Name of Item: 35.Full HD Video Endoscope System

| Sl. No | Tendered Technical Specification | Bidder's Queries | CNCI Decision for any Amendments |
|--------|--|---|----------------------------------|
| | 1. Full HD Gastrovideoscope with accessories - 1no | | |
| | Point No. d. Depth of field : 5-100 mm or better | Prospective bidder have requested to amend / change as “ Depth of Field : 2-100mm ”. | Tender spec prevailed. |
| | | Prospective bidder have requested to add following point in the existing technical specification Light Source- LED Lamp Life 20,000 to 30,000 Hrs. / Xenon 300 Lamp Life 500 Hrs. with equal colour temperature of 6000k or more. | Tender spec prevailed. |
| | | | |
| | 2. VIDEO GASTROSCOPE (PEDIATRIC) - 1 No | | |
| | Depth of field 4-100 mm or better | Prospective bidder have requested to amend / change as “ Depth of Field: 2-100 mm ”. | Tender spec prevailed. |
| | | Prospective bidder have requested to add following point in the existing technical specification Light Source- LED Lamp Life 20,000 to 30,000 Hrs. / Xenon 300 Lamp Life 500 Hrs. with equal colour temperature of 6000k or more. | Tender spec prevailed. |
| | 3. Full HD Colonovideoscope with accessories 1no Colonovideoscope | | |
| | Point no. c. Depth of field : 5-100 mm or better | Prospective bidder have requested to amend / change as “ Depth of Field: 2-100 mm ”. | Tender spec prevailed. |
| | | Prospective bidder have requested to add following point in the existing technical specification Light Source- LED Lamp Life 20,000 to 30,000 Hrs. / Xenon 300 Lamp Life 500 Hrs. with equal colour temperature of 6000k or more. | Tender spec prevailed. |
| | 4. High Resolution/Full HD Side Viewing Duodenovideoscope with accessories-1 no. Duodenovideoscope : - 1 No | | |
| | Point no c. Depth of Field: 4/5 to 60mm or better | Prospective bidder have requested to amend / change as “Depth of Field: 2 - 100 mm”. | Tender spec prevailed. |
| | | Prospective bidder. requested to add following point in the existing technical specification Light Source- LED Lamp Life 20,000 to 30,000 Hrs. / Xenon 300 Lamp Life 500 Hrs. with equal colour temperature of 6000k or more. | Tender spec prevailed. |

Name of Item: 37. Five Headed Microscope

| Sl. No | Tendered Technical Specification | Bidder's Queries | CNCI Decision for any Amendments, if any |
|--------|----------------------------------|---|--|
| | NA | Prospective bidder requested to add certain quality standards such as ISO9001, ISO14001 and ISO13485 | Point added: Should have CE/ISO certificate. |
| | NA | Prospective bidder requested to specify country of origin as its and imported product | Point added: Should provide Country of Origin certificate |
| | NA | Prospective bidder requested to specify multi-head configuration as Side by Side-Penta Head Configuration with wide field Binocular for simultaneous viewing up to five participants. | No change |
| | NA | Prospective bidder requested to specify multi-viewing observation body: Multi-viewing observation body including cord stoppers Pointer colour switch lever, Pointer brightness control OFF/Continuously variable. | No change |

Name of Item: 39.Fluorescence micro scope double Head

| Sl. No | Tendered Technical Specification | Bidder's Queries | CNCI Decision for any Amendments, if any |
|--------|---|--|--|
| | Point no. 4: Eyepiece: 10X | Prospective bidder requested to add the field number (FN) in eyepiece as 10X/22 (Wide field) or better as it's required for wide field observation. | Should be read as “ Eyepiece: 10X/22 (wide field) or better” |
| | Point no. 6: Objective: infinity corrected fluorescence grade objective with PLAN flatness correction 20X, 40X, 63X (oil immersion) and 100X (oil immersion) with correction collar. | Prospective bidder requested to change the term “fluorescence grade objective” to “ Semi – apochromatic or Flour or Fluorite grade objective ” as it is correct terminology to specify the grade/quality of objectives which is required for fluorescent applications. Prospective bidder request to change “63X oil immersion to “ 60X/63X oil immersion ” as 60X is Japanese Standard and 63X is a German Standard. | Should be read as “Point no. 6: Objective: infinity corrected Semi – apochromatic or Flour or Fluorite grade objective” with PLAN flatness correction 20X, 40X, 60X/63X (oil immersion) and 100X (oil immersion) with correction collar.” |
| | Point no. 7: Microscope should have LED fluorescence illumination (life time – Approx. 25000 or better) suitable for DAPI, GFP/FITC, TRITC, TXR, Cy3 and Cy5 | Prospective bidder requested to change “LED fluorescence illumination (life time – Approx. 25000 or better)” to “ 100W Mercury or Metal Halide fluorescence illumination (life time- Approx. 2000hrs or better) ”, because, through LED has a higher life time, it has lower excitation intensity, therefore in case of weak fluorescence a higher intensity from mercury burner source has greater excitation capacity for weak signals as compared to a LED source. | Should be read as “Microscope should have LED fluorescence (life time – Approx. 25000 or better)/100W Mercury or Metal Halide fluorescence illumination (life time-Approx. 2000hrs or better) suitable for DAPI, GFP/FITC, TRITC, TXR, Cy3 and Cy5” |
| | Point no. 9: Camera: Peltier cooled (-20 below ambient) CCD/CMOS camera having dual mode Mono & Colour with true 5 MP resolution. Exposure time - 1 msec – 600 second or better, Pixel size of | Prospective bidder requested to change “Camera: Peltier cooled (-20 below ambient) CCD/CMOS camera having dual mode Mono & Colour with true 5 MP resolution. Exposure time - 1 msec – 600 second or better, Pixel size of approx. 3.4µm x3.4µm” to “Camera: Peltier | Should be read as : “Camera: Peltier cooled (10°C below ambient) CCD/CMOS camera having dual mode Mono & Colour with more than 5 MP resolution (desirable). |

CNCI Decision on Pre Bid Query Held at CNCI Kolkata on 23.04.2018

IFB No. HSCC/PUR/CNCI-Kolkata/Medical Equipment/104dt. 12.04.2019

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|--|---|--|-------------------------------|
| | approx.3.4µm x3.4µm | cooled (10°C below ambient) CCD/CMOS camera having dual mode Mono & Colour with 2.3 MP or better resolution with 1/1.2 inch sensor. Exposure time: 39µm to 60S or better. Pixel size of 5.86µm×5.86µm or better” because in fluorescence grade scientific camera has a lower pixel size which results in better signal acquiring capability. Higher individual pixel size leads to higher well capacity that can acquire more photons. Therefore, the camera is more sensitive to low fluorescent signals. Therefore a 2.3MP camera with Pixel size of 5.86µm×5.86µm will have superior performance in acquiring fluorescent signals compared to a 5MP with pixel size 3.4µm×3.4µm | |
| | Point no. 11: Software to control the fluorescence LED illumination and camera to acquire the images with control of all the camera features like exposure, gain, binning, gamma, region of interest. Software should able to do Multi-Channel imaging/ Image overlay, Automatic recording of experimental parameters for reference or reloading for subsequent experiments, annotations, image gallery and image comparison, Merge, crop and image arithmetic, Intensity, length and area measurements, Measurement of area intensities through image stacks, Online measurement whilst displaying a live image | Prospective bidder requested to add these features in software such as 2D De-convolution and HDR Mode which is helpful in Multi Channel Imaging and Image Overlay. | Tender spec prevailed. |

Name of Item: 56. Laminar down flow B bio safety cabinet

| Sl. No | Tendered Technical Specification | Bidder's Queries | CNCI Decision for any Amendments, if any |
|--------|---|---|---|
| | Point no. 20. Should conform to international standard (NSF certified) | Prospective bidder have requested to consider the following points NSF certificate is an American Standard certificate. However, equivalent to this certificate EN12469 is European Standard Certificate. So, Prospective bidder have requested to amend the specification accordingly; so that the specification remains generalized & more tenderer can participate. | Should be read as “Should conform to international standard (NSF certified/EN certified) |

Name of Item: 57. Laser Flow Cyto Meter

| Sl. No | Tendered Technical Specification | Bidder's Queries | CNCI Decision for any Amendments, if any |
|--------|----------------------------------|------------------|--|
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|--|---|---|---|
| | <p>1. System with minimum four lasers- 488 nm, 640 nm, 405 nm and 355nm lasers</p> | <p>Prospective Bidder have requested to amend as The instrument should have 3 solid state laser i.e: Blue 488nm, Violet 405nm & Red 638nm-Red Laser. Prospective Bidder have requested to amend as “System with minimum three lasers- 488 nm, 640 nm & 405 nm lasers”</p> | <p>Should be read as “System with minimum three lasers- 488 nm, 405 nm and (638 or 640nm) lasers”</p> |
| | <p>2. Capability to simultaneously image minimum eight colours</p> | <p>Prospective Bidder have requested to amend as The number of Fluorescence channel should be minimum 10 COLOUR from 3 laser and upgradable to more than 10 color from all the 3 solid state lasers Blue, Red & Violet. Prospective Bidder have requested to amend as “Capability to simultaneously image 8 or more colors. The system should be upgradable to at least 12 colors”</p> | <p>Should be read as “Capability to simultaneously image minimum eight colours or more.”</p> |
| | <p>5. Should have autocleaning function of the injector.</p> | <p>Prospective Bidder have requested to amend as “Should have auto-cleaning function of the injector/probe. The system should have sample carry over should be 0.05% or less, to minimize contamination from previous tubes”</p> | <p>Tender spec prevailed.</p> |
| | <p>7. Sample flow rate: 25–100 µL/minute plus automated flow rate to acquire 35,000 to 70000 events/second or more. Ie: Should have low, medium and high flow rates</p> | <p>Prospective Bidder have requested to amend as System should able to Process samples at sample flow rates between 10µL and 200µL per minute providing high sensitivity and adjustable flow rates, sample sizes as low as 10µL for rare population collection –BMT and Pediatric Leukemia cases. Electronic Bit resolution should be minimum 20bit, minimum 6 decade and higher with a nominal acquisition speed of 30,000 events/sec. With CV less than 3% & preferably within 2%. Prospective Bidder have requested to amend as “Sample flow rate: 25–100 µL/minute plus automated flow rate to acquire 35,000 events/second or more. Therefore, the system should have low, medium and high flow rates”</p> | <p>Should be read as “Sample flow rate: 25–100 µL/minute plus automated flow rate to acquire 30,000 or more events/second or more. ie: Should have low, medium and high flow rates.”</p> |
| | | | |
| | | <p>Prospective Bidder have requested for amendment as Electronic Resolution: Electronic bit resolution should be minimum 20bit, minimum 6 decade and higher with a nominal acquisition speed of 30,000 events/sec. With CV less than 3% & preferably within 2%.</p> | <p>Tender spec prevailed.</p> |
| | | <p>Prospective Bidder have requested for amendment Scatter Resolution: Blue (488nm) Side Scatter Resolution : <300nm</p> | <p>Tender spec prevailed.</p> |

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|--|--|--|---------------------------------|
| | | Fluorescence Sensitivity: FITC: ≤30 molecules of equivalent soluble fluorochrome (MESF-PE) from the 488 nm laser PE: ≤10 molecules of equivalent soluble fluorochrome (MESF-PE) from the 488 nm laser | |
| | | Prospective Bidder have requested for amendment as Sample Carryover: System has carryover within ≤0.5% | Tender spec prevailed. |
| | | Prospective Bidder have requested to amend as CE/FDA/ISO/QUALITY: System should have European CE, ISO & QUALITY certificate. Prospective Bidder have requested to amend as “ The system should have a certification of US-FDA-IVD &/or CE-IVD of European Union for 8-color Clinical Assays. The copy of the certificate should be enclosed with the bid. ” | Should have European CE/US FDA. |

Name of Item: 61. Microplate Centrifuge

| Sl. No | Tendered Technical Specification | Bidder's Queries | CNCI Decision for any Amendments, if any |
|--------|---|---|--|
| | 2. Automatic rotor recognition device | Prospective Bidder have requested for amendment as Automatic rotor recognition device for speed. | Should be read as “ 2. Automatic rotor recognition device for speed.” |
| | 6. Maximum speed : 35,000 rpm | Prospective Bidder have requested to remove this specification as RPM not defined the centrifugal force. | “Points deleted.” |
| | 8. Built in drain in the rotor chamber to eliminate condensed water | Prospective Bidder have requested to make it optional as only one company product have this. And hence, have suggested specification as Optional- Built in drain in the rotor chamber to eliminate condensed water | Should be read as “ Preferably with Built in drain in the rotor chamber to eliminate condensed water. ” |
| | 10. Acceleration time to max. rpm: <60 s | Prospective Bidder have requested to remove this specification. | Points deleted. |
| | 11. Braking time from max. rpm: <60 s | Prospective Bidder have requested to remove this specification. | Points deleted. |
| | 16. ISO certified and FDA approved safety standard. | Prospective Bidder have requested to allow IVD compliant & CE marked. And hence, Prospective Bidder specification as ISO certified and FDA approved / IVD compliant & CE marked safety standard | Should be read as “ ISO certified and FDA approved / IVD compliant & CE marked safety standard ” |

Name of Item: 68. Refrigerated Centrifuge

| Sl. No | Tendered Technical Specification | Bidder's Queries | CNCI Decision for any Amendments, if any |
|--------|----------------------------------|------------------|--|
| | Design and operation | | |

| | | | |
|--|--|---|--|
| | Point 2. Provision of both drain and condensed water collection container. | Prospective Bidder have requested for amendment as Provision for both drain and condensed water collection container of minimum five-liter capacity. | Tender spec prevailed. |
| | Point 6 i. Sixteen 350ml and/or 450ml single, double, triple, quadruple/quintuple blood bags with SAGM bag and empty satellite bags with In Line filter system | Prospective Bidder have requested for amendment as The machine should be capable of upgradation to 16 or more bags capacity in future. Should have Rotor bucket cycle log monitors bucket life for added safety <hr/> Prospective Bidder have requested to amend as Twelve 350 ml & /or 450ml single, double, triple, quadruple/quintuple blood bags with SAGM bag & empty satellite bags with In Line filter system | Should be read as “ Twelve 350 ml & /or 450ml single, double, triple, quadruple/quintuple blood bags with SAGM bag & empty satellite bags with In Line filter system should capable of upgradation to 16 or more bags capacity in future. ” |
| | Point 6 ii. Satisfaction certificate from Blood Banks of at least 2 reputed Central Govt. Medical institutes like AIIMS, PGI Chandigarh, SGPGI Lucknow, JIPMER Pondicherry etc. would be preferred. | Prospective Bidder have requested for amendment as Satisfaction certificate from Blood Banks of at least 3 reputed Central Govt. Medical Institutes- AIIMS, PGI Chandigarh, SGPGI Lucknow, JIPMER Pondicherry. <hr/> Prospective Bidder have requested to amend as Satisfaction Certificate from any reputed Central/State Govt. Medical Institutes or Blood Banks | Should be read as “ Point 6 ii. Satisfaction certificate from Blood Banks of at least 2 reputed Central Govt. Medical Institutes e.g. AIIMS, PGI Chandigarh, SGPGI Lucknow, JIPMER Pondicherry. would be preferred.” |
| | Point 7. Removable plastic adapters to hold single/ double/triple/ quadruple blood bags with partition in every bucket | Prospective Bidder have requested for amendment as Removable plastic cups (adapters) with smooth edges to hold double/triple/ quadruple/ quintuple blood bags, with provision to hold balancing weights at the sides of the insert so it will not come in contact with blood bags. Supplied with set of balancing weights | Tender spec prevailed. |
| | Point 8. Insert with hook adapter to spin buffy coat or small volume of blood and balancing weights for inserts. | Prospective Bidder have requested for amendment as Removable plastic inserts having smooth edges with built in hook adapter to spin buffy coat or small volume of blood. The metal plate and hook should be made of same material with clean finish. The insert should have provision to hold balancing weights at the sides so it will not come in contact with blood bags. Supplied with set of balancing weights | Tender Spec prevailed. |
| | Speed and force: | | |
| | Point 1. Maximum speed at least 4,000 rpm to 4500 rpm | Prospective Bidder have requested for amendment as Maximum speed at least 3900 rpm to 4500 rpm | Should be read as “ Point 1: Maximum speed at least 3900 rpm or more ” |
| | Point 2. Maximum RCF (Relative Centrifugal force) for blood bags: 6000g-65000g | Prospective Bidder have requested for amendment as Maximum RCF (Relative centrifugal force) for blood bags: 5350g -65000g | Should be read as “ Point 2. Maximum RCF (Relative centrifugal force) for blood bags: 5350g or more.” |
| | Point 9. Motor imbalance detection: automatic shutdown of centrifuge if rotor load is out of balance with appropriate indicator | Prospective Bidder have requested for amendment as Rotor imbalance detection: Automatic shut down of centrifuge if rotor load difference on opposite sides is 250 gram or more, with appropriate error message. The imbalance should be detected within 1500 RPM speed | Tender spec prevailed. |

CNCI Decision on Pre Bid Query Held at CNCI Kolkata on 23.04.2018

IFB No. HSCC/PUR/CNCI-Kolkata/Medical Equipment/104dt. 12.04.2019

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|--|---|---|--|
| | Electrical safety: Equipment meets electrical safety specifications such as that of IEC/EN61010-1 | Prospective Bidder have requested for No change in Electrical Safety specification Prospective Bidder have requested to amend as IEC/EN 61010-1/IEC/EN/60601-1 | Should be read as “ IEC/EN 61010-1 or IEC/EN/60601-1 ” |
| | a suitable UPS with maintenance free batteries for minimum one hour back up should be supplied free of cost with the system | Prospective Bidder have requested to amend as a suitable UPS with maintenance free batteries for minimum half hour(30mins)back up should be supplied free of cost with the system | Tender spec prevailed. |
| | NA | Prospective Bidder have requested to add for Satisfactory live demo needs to be provided by vender to become technically qualified. | Point added: “ live demonstration needed for evaluation ” |
| | | Prospective Bidder have given Importance to go for 16 bag capacity Blood Bank Centrifuge with reason, Justification & Remarks (letter enclosed may please be refer in this regards). | |

Name of Item: 70. Refrigerator Centrifuge (-20)

| Sl. No | Tendered Technical Specification | Bidder's Queries | CNCI Decision for any Amendments, if any |
|--------|---|--|--|
| | Should meet the National /International standards laid down such as ISO/CE/BIS/FDA etc. | Prospective Bidder have requested to amend as CE Class II A or USFDA compliance | Tender Spec prevailed. |

Name of Item: 80. Ultra centrifuge

| Sl. No | Tendered Technical Specification | Bidder's Queries | CNCI Decision for any Amendments, if any |
|--------|---|--|---|
| | System should capable to run Fixed Angle, Swing Bucket & Near-Vertical Rotors | Prospective Bidder have requested to remove the word -Near from Near-Vertical Rotors & make it Vertical Rotors | Should be read as: “System should capable to run Fixed Angle, Swing Bucket & Near-Vertical or vertical Rotors” |
| | NA | Prospective Bidder have requested to specify the rotor Fixed Angle rotors for 6x30 ml tubes (RCF more than 209,000 x g), K factor 61; and one swing-bucket rotor for 4X7 ml tubes (RCF more than 252,000 x g) K factor 77 along with tubes suitable for the rotor | Points added: “ Fixed Angle rotors “ |
| | Acceleration /Deceleration: 10/11 | Prospective Bidder have requested to make Acceleration/Deceleration: 9/9 | Points deleted. |
| | System should be able to meet biosafety compliance for future: HEPA filter option | Prospective Bidder have requested to remove this specification. | Points deleted. |