

Prebid queries/clarifications asked by bidders and its recommendations/replies (ref: prebid meeting dated: 05/06/2018)

HTES/PCD/NCI-AIIMS/18/18-19 dated 25.05.2018

CSSD System (Rfx no. 3000002858)

Sl. No.	Ref. to the Bidding Document	Specification/Clauses in the Bidding Document	Bidder	Queries/clarifications asked by Bidders	Recommendations/ replies by the Committee
1	Page 45, point 10	Page No. 45 of Section VIII Item No. 1: Scope of Work Clause 10: All record keeping and maintenance of record to be done via workflow management system. Record keeping should be done in realtime.	Med Freshe Pvt. Ltd.	Item No. 1 : Scope of Work All record keeping and maintenance of record to be done via workflow management system. Record keeping should be done in realtime. Remarks: All record keeping and maintenance of record is the operational activity	To be amended as :- Deleted
2	Page 45, point 11	While designing the CSSD the Bidder has to provision for future expansion of CSSD for installation of One Washer disinfectant, One Steam Sterilizer & one ETO of the highest capacity quoted by the bidder in the said tender. This provision should be made without disrupting the zoning of the CSSD. All ancillary services like (electricity, water points, plumbing, R.O etc.) required for future expansion has to be built in while designing and furnishing the CSSD.	Med Freshe Pvt. Ltd.	Remarks: Kindly define whether the highest capacity of one Steam Sterilizer, one Washer disinfectant & one ETO has been considered according to highest capacity available in market or highest capacity as per tender specification provided.	To be amended as: While designing the CSSD the Bidder has to provision for future expansion of CSSD for installation of One Washer disinfectant and One Steam Sterilizer of the highest capacity quoted by the bidder in the said tender. This provision should be made without disrupting the zoning of the CSSD. All ancillary services like (electricity, water points, plumbing, R.O etc.) required for future expansion has to be built in while designing and furnishing the CSSD.
3	Page no 51, Point 40	Horizontal Sterilizer with minimum 12 STU with Accessories	Getinge	Pr no 11 ETO dimensions needed for planning the area	To be Amended as : ADDED PARA:- one room of approx of 20feet* 20feet to accommodate 2 nos of ETO of capacity of minimum 200litrs each.
4	Page no 51, Point 40	Horizontal Sterilizer with minimum 12 STU with Accessories	Steris	We request to change the 12 STU size to 10-12 STUs. We have a latest model which is more efficient and state of the art but the maximum capacity is 10 STUs. The feasibility calculation of the total load is here under. No of Ots : 26 Daily STU Load of 26 Ots : 192 No of Sterilizers : 3 Daily cycle of each sterilizer with 10 STU capacity : 6.4	No Change
5	Page no 46, Point 14	Page No. 46 of Section VII Clause 14: During the Warranty 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 with a monetary penalty of Rs. 200 per day.	Med Freshe Pvt. Ltd.	Page No. 46 of Section VII Clause 14: During the Warranty 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. Remarks: Since it is already mentioned that "if downtime more than 5%, the warranty period /CAMC period will be extended by double the downtime period" hence kindly delete monetary penalty of Rs. 200 per day.	No Change

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6	Page 47, Point 26	Page No. 47 of Section VII Clause 26: Standards & Norms: Manufacturer should be ISO 13485:2003, EN ISO 15883 and ISO 9001 certified and copy of the certificates should be attached with the bid.	Med Fresh Pvt. Ltd. Mehshu Bio-Techno Services	Page No. 47 of Section VII Clause 26: Standards & Norms: Manufacturer should be ISO 13485:2003, EN ISO 15883 and ISO 9001 certified and copy of Declaration of Conformity (DOC) should be attached with the bid. Remarks: Please amend this point. Manufacturer should be EN ISO Certified, like EN ISO 15883 (Process certificate for cleaning & disinfection, should also be certified EN ISO 13485/ ISO 9001 and copy of the Certificates should be attached with the bid. Remarks: Please note ISO 13485 standard is based on the requirement of ISO 9001 which includes the entire ISO 9001 standard With additional requirements. So we request to change this point as ISO 13485/ISO 9001 standards.	To be Amended as: Clause 26: Standards & Norms: Manufacturer should be ISO 13485:2003 and EN ISO 15883 certified and copy of the certificates should be attached with the bid.
7	Page no 51, Point 40	A mechanical safety edge stops the door if it is obstructed while closing, thus protecting operator & loading equipment.	Steris	We request you to change it to mechanical/ laser based safety mechanism to stop the door is obstructed	To be Amended as : A mechanical/Laser based safety edge stops the door if it is obstructed while closing, thus protecting operator & loading equipment. <i>safety edge mechanism</i>
8	Page no 46, Point 26	Chamber Capacity: Chamber capacity: Operational Volume should be able to process minimum 12 DIN trays (Approx480X250X50) with 6 levels in single process. Should supply 12 Nos of standard Stainless Steel DIN trays. The chamber should be made of S.S. 304 or S.S. 316L quality with electro polished washed surfaces. The chamber edges should not have the pockets & folds so as to avoid bacterial growth. The wash chamber should also be fitted with bright light for clear visibility of the washing process.	Steris Getinge CL MICROMED PVT. LTD.	We request to change rack levels from minimum 5 levels and above in single process Should be 316 L 4 level wash cart with 12 DIN Tray processing capacity Chamber Capacity: Chamber capacity: Operational Volume should be able to process minimum 12 DIN trays (Approx480X250X50) with 4 Levels in single process Should supply 12 Nos of standard Stainless Steel DIN trays. The chamber should be made of S.S. 304 or S.S. 316L quality with electro polished washed surfaces. The Chamber edges should not have the pockets & folds so as to avoid bacterial growth. The wash chamber should also be fitted with bright light for clear visibility of the washing process.	To be Amended as : Chamber Capacity: Chamber capacity: Operational Volume should be able to process minimum 12 DIN in single cycle. Should supply 12 Nos of standard Stainless Steel DIN trays. The chamber should be made of S.S. 304 or S.S. 316L quality with electro polished washed surfaces. The chamber edges should not have the pockets & folds so as to avoid bacterial growth. The wash chamber should also be fitted with bright light for clear visibility of the washing process.
9		The washer should be equipped with independent temperature monitoring and validation test port.	Getinge	Temperature monitoring possible but validation port is part of sterilizers not WD's	To be Amended as : The washer should be equipped with independent temperature monitoring.
10	Page no 47	Consumables are responsibility of bidder only and adequate supply minimum for 30days should be always kept in CSSD, NCI-AIIMS	Steris CL MICROMED PVT. LTD.	We request NCI to specify consumables with quantity for period of 30 days. Remarks: Since now the operation is not in the scope of the bidder so this point should be removed	To be Amended as : Deleted

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11	Page 48	Ultrasonic Cleaner The units should be a compact free-standing bench model, with a built-in tank manufactured from high-quality (304/316L) stainless steel and a solid-state generator that sends ultrasonic (approx 40 KHz) impulses through wash water containing detergent and electrical heating; microprocessor controlled display with memory/time and temperature	Getinge	should be 316L Ultrasonic frequency 35 - 40 KHz	No Change
12	Page 49, Para 32	Should have 60 liters per second air flow, 17 kilopascals suction power	CL MICROMED PVT. LTD.	Vacuum Cleaner : Should have 50 liters per second air flow, 17 kilopascals suction power. Remarks: As the air flow of 60 liters is not at all available in the market. So 50 litres airflow which is available with all manufacturers should be asked.	To be Amended as : Should have 50-60 liters per second air flow, 17 kilopascals suction power
13	Page 50, Para 37	Pass Box :-Pass-through chamber should be based on pneumatic/ electrical operated and should fit all types of standard racks	CL MICROMED PVT. LTD.	Pass Box:-Pass-through chamber should be based on Manual hinged door operated and should fit all types of standard racks Remarks: As in the size asked the Pneumatic/electrical hinged door is recommended to avoid complex & inconvenient operations	To be Amended as: Pass Box Pass-through chamber should be based on Manual/ pneumatic/ electrical operated and should fit all types of standard racks
14	Page 51 para 40	Chamber & Doors: The chamber and doors should be made of solid, high quality 316L Stainless steel. The chamber should be jacketed to ensure the temperature uniformity in chamber with multiple heaters. Specify the number of heaters	Getinge	Manually operated , best suited for Indian working conditions	To be Amended as Chamber & Doors: The chamber and doors should be made of solid, high quality 316L Stainless steel. The chamber should be jacketed to ensure the temperature uniformity in chamber.
			Getinge	Heaters are not used in the jacket for heating , steam is used for the purpose. should be SS	
15	Page 52	Steam Generator: All the hot piping system should be made of Stainless Steel other pipes should be made of Stainless Steel / Brass / Copper	Getinge	should be SS	No Change
16	Page 53	Programs include: Rapid cycle for single open instrument	Getinge	Should be avoided in CSSD.	No Change
17	Page 53 Para 41	Table for Packing in clean area Minimum Size (LxWxH) : 2000x1500x900 mm	CL MICROMED PVT. LTD.	Table for packing in Clean area Minimum Size (LxWxH) 2000x1400x900 mm	Table for Packing in clean area Minimum Size (LxWxH) : 2000x1500x900 mm (±10%)







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18	Page No 53	Sterilizer should have the two rails for easy loading, shelf rack with shelves (carriage) with 1 set of loading and unloading carts & racks from the same manufacturer/principal company.			To be Amended as : Sterilizer should have the two rails for easy loading, shelf rack with shelves (carriage) with 1 set of loading and unloading carts from the same manufacturer/principal company.
19	Page 53 Para 41	Table for Packing in clean area The worktop should be made of a robust wood based core material, surfaced with plastic laminate in a soft beige colour that reduces reflection of light from the surface / stainless steel top. All edges should be smooth. The extended width of the worktop should be designed to facilitate thorough inspection of instrument trays and allow the use of large wrapping material.	Getinge	tablet top should be SS	To be Amended as : Table for Packing in clean area The worktop should be made of SS (304) All edges should be smooth. The extended width of the worktop should be designed to facilitate thorough inspection of instrument trays and allow the use of large wrapping material.
20	Page 54 Para 41	Should have double work space table should have one work space 700 mm wide worktop and another workplace should have 1400mm.	CL MICROMED PVT. LTD.	Should have double work space table should have one work space 700 mm wide worktop and total workplace should be 1400mm. Remarks: One workspace should also be 700mm and total should be 1400. So the table can be used from both sides. Another workplace of 1400 is not possible as this table can be used from both sides the space should be equal otherwise the table size would become 70+1400 which is odd and not possible in the stainless steel sheets available worldwide the	To be Amended as : Should have double work space table with one work space of 700 mm wide worktop and another workspace also of 700mm wide worktop i.e total workspace should be 1400mm total workplace should be 1400mm. (±10%)
21	page 54 Para 43	Page No. 54 of Section VII Item No 43: Rotary Heat sealer should be European CE / USFDA certified.	Med Fresh Pvt. Ltd.	Page No. 54 of Section VII Item No 43: Rotary Heat sealer should be European CE (DOC) / USFDA certified. Remarks: Please amend this point.	No Change
22	page 57 Para 53	Page No. 57 of Section VII Item No. 53 Drying Cabinet 6) It should be European CE/USFDA certified.	Med Fresh Pvt. Ltd.	Page No. 57 of Section VII Item No. 53 Drying Cabinet 6) It should be European CE (DOC) / USFDA certified. Remarks: Please amend this point.	No Change
23	Page no 61, Para 2	Turnkey Works : The turnkey work includes all modifications to the built up space provided at the hospital site including Installation of Equipment, ETO, RO plant, civil works, electrical works, plumbing works, false ceiling, CCTV, SS paneling for sterilizer and washer disinfectant, firefighting, sanitary, drainage, furnishing, etc. While designing the CSSD the	CL MICROMED PVT. LTD. Mehshu Bio-Techno Services	ETO deleted from the scope of bidder. Remarks: ETO should be removed from bidders scope as only space(Room) need to developed responsibility of the bidder. ETO ROOM "A observation glass window should be present in ETO room to monitor the process. We request you to mention the size of the room to be created and capacity of ETO as well.	To be Amended as : Turnkey Works : The turnkey work includes all modifications to the built up space provided at the hospital site including Installation of Equipment, RO plant, civil works, electrical works, plumbing works, false ceiling, CCTV, SS paneling for sterilizer and washer disinfectant, firefighting, sanitary, drainage, furnishing, etc. While designing the Bidder has to provision for future expansion of CSSD for installation of

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24	Page 59, Para 65	Closed Sterilization Containers 300mm x 290mm x 110mm Should have thermo lock drainage, steam penetration valve and stainless steel top.	CL. MICROMED PVT. LTD.	<p>Closed Sterilization Containers 300mm x 290mm x 110mm +110 Should have thermo lock drainage, steam penetration valve and stainless steel/ Aluminium top. Having permanent filter with life 4000- 5000 cycles.</p> <p>Remarks: The permanent filter is better than disposable filters have good life in the same upfront cost of containers with disposable having additional expense of disposable filters</p> <p>The stainless steel top is specific to one company so Aluminium TOP should also to be allowed. The same is asked in CSSD projects of other New six AllIMS. + LO OA variation should be allowed as the size are specific</p> <p>Closed sterilization containers with approx. size 300X290X110 mm</p> <p>"Should have thermo lock with drainage or without drainage and should have bio barrier piston valves with 3 different positions, should also have different color . coding along with aluminium top and steam penetration. It should work at least 5000 cycles".</p> <p>The sterile container should meet international standard like BS EN 868-8-2009 and ISO certified.</p>	<p>To be amended as :- Closed Sterilization Containers 300mm x 290mm x 110mm Should have thermo lock drainage, steam penetration valve and stainless steel/ Aluminium top. Having biobarrier/ Permanent filter with life 4000- 5000 cycles</p>
	Para 59, Para 66	closed sterilization containers Closed Sterilization Containers 300mm x290mm x 140mm Should have thermo lock drainage, steam penetration valve and stainless steel top.	CL. MICROMED PVT. LTD.	<p>Closed Sterilization Containers 300mm x 290mm x 140mm +100A Should have thermo lock drainage, steam penetration valve and stainless steel / aluminium Top . Having Permanent filter with life 4000- 5000 cycles</p> <p>Remarks: The permanent filter is better than disposable filters Permanent filter have good life in the same upfront cost of containers with disposable having additional expense of disposable filters</p> <p>The stainless steel top is specific to one company so Aluminium TOP should also to be allowed. The same is asked in CSSD projects of</p>	<p>To be amended as :- Closed Sterilization Containers</p>

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25		Mehshu Bio-Techno Services	"Should have thermo lock with drainage or without drainage and should have bio barrier piston valves with 3 different positions, should also have different color coding along with aluminum top and steam penetration. It should work at least 5000 cycles". The sterile container should meet international standard like BS EN 868-8-2009 and ISO certified. Remarks: Since Sterile containers are having an important role in CSSD packaging system, which also play very important role in reducing infection rate. As these sterile containers should ensure to give 100% guarantee of sterilization process achieved. So, it is always recommended to use color coded bio barrier container. Request you to change the same specification point 65,66,67 with different sizes as mentioned by you. Please note the sterile container should meet international standard like EN 868-8-2009 and ISO certificates, which is must for all sterile container.	To be amended as :- Closed Sterilization Containers 290mm x 140mm Should have thermo lock drainage, steam penetration valve and stainless steel/ Aluminium top. Having biobarrier/ Permanent filter with life 4000-5000 cycles	
26	Page 59, Para 67 closed sterilization containers Closed Sterilization Containers 590mm x 280mm x 260mm Sizes should be - 590x280x260 units.	CL. MICROMED PVT. LTD.	Closed Sterilization Containers 590mm x 280mm x 260mm with +100 Sizes should be - 590x280x260 units. Should have thermo lock drainage, steam penetration valve and stainless steel / aluminium Top. Having Permanent filter of life 4000 to 5000 cycles Remarks: The permanent filter is better than disposable filters. Permanent filter have good life in the same upfront cost of containers with disposable having additional expense of disposable filters. The stainless steel top is specific to one company so Aluminium TOP should also to be allowed. The same is asked in CSSD projects of other New six AIIMS. L IOOA variation should be allowed as the size are specific	To be amended as :- Closed Sterilization Containers 590mm x 280mm x 260mm Should have thermo lock drainage, steam penetration valve and stainless steel/ Aluminium top. Having biobarrier/ Permanent filter with life 4000- 5000 cycles	
27	Page 60, Para 87 Reverse Osmosis Plant 2000 LPH with 6000 Ltrs storage tank and shed RO should of EurekaForbes/Ion Exchange / Millipore I Kent I Aquacare / Rions /Water expert make	CL. MICROMED PVT. LTD.	Reverse Osmosis Plant 2000 LPH with 6000 Ltrs storage tank and shed RO should of Eureka Forbes/Ion Exchange I Delta Purex/ Millipore I Kent I Aquacare / Rions / Water expert make Remarks: Please incorporate the brand name "Delta Purex" in addition to the brands given as approved brands like eureka forbes/ion exchange etc. The other New Six Aiims for their CSSD projects also opted for the delta Puret brand.	To be amended as: Reverse Osmosis Plant 2000 LPH with 6000 Ltrs storage tank and shed RO should of Eureka Forbes/Ion Exchange / Delta Purex/millipore / Kent I/Aquacare / Rions / Water expert make	
28	Page 64 Page No. 64 of Section VII 1. Civil Work: b) Installation of false ceiling with at least 0.8 mm thick stainless steel sheets (AISI 304) with minimum of 2x2 feet size with proper insulation.	Med Fresh Pvt. Ltd.	Page No. 64 of Section VII 1. Civil Work: b) Installation of false ceiling with at least 0.8 mm thick GI/Aluminium/stainless steel sheets (AISI 304) with minimum of 2x2 feet size with proper insulation. Remarks: Please amend this point.	No change	

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29	Page 64	Page No. 64 of Section VII Clause 4: Fire Safety i) Make of smoke detectors as approved will be Apollo/ Edward/ Seimens/ Honeywell.	Med Fresh Pvt. Ltd.	Page No. 64 of Section VII Clause 4: Fire Safety i) Make of smoke detectors as approved will be Apollo/ Edward/ Seimens/ Honeywell /Schrack Remarks: Please add make in this list	To be amended as: Clause 4: Fire Safety i) Make of smoke detectors as approved will be Apollo/ Edward/ Seimens/ Honeywell /Schrack
30	Page 64	Page No. 64 of Section VII Clause 4: Fire Safety	Getinge	In cssd there is no use of wood or other flammable materials. Fire can be caused by electrical short circuit, so only fire extinguishers needed for specific use. No sprinkler systems advisable as machines operate on high voltage.	Clarification: The fire safety in CSSD should be as per fire safety norms applicable to NCI -AllIMS, Jhajjar
31	Page 65	Page No. 65 of Section VII Clause 5: Plumbing work & draining system a) Stainless piping to drain the hot water from autoclaves to nearest drains	Getinge	We have CPVAC pipes available which can withstand high temperatures beyond 100 degree C, SS piping will be shear waste of resources, unless we wish to reuse the water coming out of the sterilizer.	No change
32	Page 65	Page No. 65 of Section VII Clause 6: Ventilation and lighting b) Toughened glass sealed windows with curtains to be provided to allow natural sun light wherever possible.	Getinge	No of windows as its going to effect the pricing. Curtains not recommended in CSSD	No change
33	Page 65	Page No. 65 of Section VII Clause 7: Security and safety a. NCI-AllIMS, shall not be held responsible for any loss or damage due to any reasons whatsoever to any type of inventory that may be kept in the said CSSD store by the vendor. The premises provided to the vendor should only be used for the purpose as mentioned in the contract (i.e. CSSD services for NCI-AllIMS, only). Under no circumstances, the premises are to be used for any other purpose, than what has been mentioned in the contract. The general safety & ensuring fire safety of the premises is the responsibility of the contractor. b. Bidder has to install CCTV cameras covering all major areas with recording of 30 days for the proper monitoring of workflow with the connection in the manager room. It should be Air compressors 2 nos	Getinge	clarification	To be Amended as: Clause 7. Security and safety Bidder has to install IP based CCTV cameras covering all major areas with recording of 60 days for the proper monitoring of workflow with the connection in the manager room.
34	Page 68, Para 68	Air compressors 2 nos	Getinge	One unit enough	No Change

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35	Page 68, Annex 3	Annexure-3 (Consumable cost calculation only for fixation of rates: Premix (4 liters) 7500Qty Wrapping 2500000paper Sterilization reel (400X200) Sterilization reel (1 00X200)	CL MICROMED PVT. LTD.	Annexure-3 (Consumable cost calculation only for fixation of rates Premix (4 liters) Qty 7500 removed Wrapping Paper of sizes in mm75x75,90x90,120x120 total of 2500000 sheets to be quoted in equal proportion Sterilization reel (400mmX200meter) Sterilization reel (100mmX200meter) Remarks: Premix (4 liters) Qty should be removed as no such premix is utilized or needed in CSSD equipment& not available in the market. Sizes to be specified for wrapping and for sterilization reel	To be Amended as: Annexure -3 to be replaced with new Annexure -3
		ANNEXURE -3 (page no 68)	Mehshu Bio-Techno Services	ANNEXURE -3 (page no 68) CONSUMABLES COST CALCULATION ONLY FOR FIXATION OF RATES Please note there are many consumables which are basically brand name which should be either removed or changes as per detail mentioned below. Please note there are few third party consumables which are actually brand name of some particular firm which need to be changed as generalised.	
36	Page 69, Annex 4	Annexure-4 Steam sterilizer 6 cycles Washer disinfecter 12 cycles	CL MICROMED PVT. LTD.	Annexure-4 For steam sterilizer instead of 6 cycles 12 STU For Washer disinfecter instead of 12 cycles 144 DIN Remarks: As already discussed and accepted in the pre bid kindly specify the peak load instead of number of cycles for equal comparison.	
37	Page 69, Annex 4	Annexure 4: The electricity consumption per cycle as declared by the OEM shall be verified at the time of commissioning of CSSD and if the electricity consumption is found to be higher than the declared value by over 5%, the difference in the indicative electricity cost at 'X' (on account of increased electricity consumption) shall be recovered from the bidder while making the final CAPEX payment..	Med Fresh Pvt. Ltd.	Page No. 69 of Section VII Annexure 4: The electricity consumption per cycle as declared by the OEM (should be attached along with the bid) which shall be verified at the time of commissioning of CSSD and if the electricity consumption is found to be higher than the declared value by over 5%, the difference in the indicative electricity cost at 'X' (on account of increased electricity consumption) shall be recovered from the bidder while making the final CAPEX payment. Remarks: Please add: OEM certificate should be attached with the bid.	To be Amended as: Annexure -4 to be replaced with new Annexure-4
Commercial Terms					

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38	Page 106 of 122: Clause 3 Under Sub-heading Minimum Work of Similar Nature: Eligible bidder(s) should have in the past 5 (five) years prior to closing of bid submission, successfully executed orders at any Govt. hospitals/institutes of national importance or at any other reputed hospitals/institutes globally with minimum 200 bedded hospital as stated below: 03 (three) Steam Sterilizers for minimum capacity of 10 STU each and 01 (one) Washer Disinfector for minimum capacity of 8 DIN [The copies of order(s) along with the completion certificate(s) are to be submitted with technical bid, indicating that the specified order(s) have been completed and running satisfactorily. In case the bidder is a 100% owned Indian Subsidiary of an International firm, the Global experience of the parent international firm shall also be considered]	Med Freshe Pvt. Ltd.	<p>Minimum Work of Similar Nature should be as per CPWD guidelines should be as follows:</p> <p>a. One single CSSD Project order on Turnkey basis for a minimum value of 80% of the estimated cost.</p> <p>Or,</p> <p>b. Two single CSSD Project orders on Turnkey basis for minimum value of 60% of the estimated cost.</p> <p>Or,</p> <p>c. Three single CSSD Project orders on Turnkey basis for minimum value of 40% of the estimated cost.</p> <p>The bidder must provide a satisfactory performance certificate for manufacturing/installation and commissioning/equipping of CSSD (National/International) of at least three establishments, which can be a public/private, 500 or more bedded hospital or State Health Service or a standalone CSSD with a load of more than or equal to 300 STU per day.</p> <p>Remarks: Please amend this point as per CPWD Guidelines.</p>	No Change	
39	Page 106, Point 2 Financial Status: Eligible Bidders should have a minimum annual average sales turnover of Rs. 1.5 crore during the last 3 (three) financial years in CSSD equipment (steam sterilizer and washer disinfector) only. (A certificate in this regard from a Chartered Accountant to be submitted along with technical bid. Bidder should also submit copies of audited Balance Sheet and Profit & Loss Account for the last 3 (three) financial years)	Mehshu Bio-Tech Services	<p>Since, we M/s Mehshu Bio Tech Services is in the business of CSSD equipment's and its operation & services for last more than 20 years and as you are aware we have installed and running your ALLMS Trauma CSSD in which we have already installed and working 04 numbers of sterilizer (12 STU-02 Nos and 250 Liters- 02 Nos) and 01 number of washer (12 Din) and other equipment's like ultrasonic cleaner and furniture etc. We request you to kindly look in to the matter as these two small points are stopping me to quote this tender.</p> <p>We request to change it to Financial Status: Eligible Bidders should have a minimum annual average sales turnover of Rs. 1.5 Cr. during the last 3 (three) financial years in CSSD equipment (CSSD Equipment's) only.</p>	No change	

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40	Page 106	3. Minimum Work of Similar Nature: Eligible bidder(s) should have in the past 5 (five) years prior to closing of bid submission, successfully executed orders at any Govt. hospitals/institutes of national importance or at any other reputed hospitals/institutes globally with minimum 200 bedded hospital as stated below: 03 (three) Steam Sterilizers for minimum capacity of 10 STU each and 01 (one) Washer Disinfector for minimum capacity of 8 DIN	Mehshu Bio-Techno Services	3. Minimum Work of Similar Nature: 02 (Two) Steam Sterilizers for minimum capacity of 10-12 STU each and 01 (one) Washer Disinfector for minimum capacity of 8 DIN.	No change
41					Added Para in BOQ : Automatic three line label gun (for steam sterilization packs) Labeling gun with ability to print Batch No, Date of sterilization & Date of expiry on CSSD package labels as per label specifications asked for in consumables (Annexure -3)

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Annexure-3- (Consumable cost calculation for Bid Ranking purpose)

Consumable@/ Reagent	Unit Rate* (Bidders must quote make, model & details of the smallest packaging available for each of the consumable/ reagent)	Indicative quantity required for 10 years	Total cost for 10 years
Detergent compatible with system (OEM# , GK , 3M, Medovation, Dr Weigert, Eco lab)		8000 litres	
Liquid Enzymes compatible with system (OEM# ,3M, GK ,Medovation, Dr Weigert, Eco lab)		8000 litres	
Rust Remover compatible with system (OEM# , 3M,GK, Medovation, Dr Weigert, Eco lab)		8000 litres	
Neutralizer compatible with system (OEM# ,3M, GK, Medovation, Dr Weigert, Eco lab)		8000 litres	
Label compatible with automatic three line label gun (as asked in BOQ).The label should be steam compatible and should have Class -I process Indicator on it . The price should be quoted inclusive of all consumables for the label Gun like ink cartridges etc as applicable		500000 labels	
Bowie Dick Test Regular pack (EN ISO 11140-1, class 2)		12000 nos.	
BMS (Batch Monitoring system) Consumables / Strips		60000 nos.	
Bio logical indicator(ISO 11138-1)		1800 nos.	
Medical Grade Crepe / Kraft Paper for wrapping (ISO11607-1 and EN868-2 compliant) Size: 75mm x75mm		800000 nos.	
Medical Grade Crepe / Kraft Paper for wrapping (ISO11607-1 and EN868-2 compliant) Size: 90mmx90mm		800000 nos.	
Medical Grade Crepe / Kraft Paper for wrapping (ISO11607-1 and EN868-2 compliant)		800000 nos.	

Amit

Size: 120 mmx120mm			
Heat-sealable sterilization reel(transparent PET/PP film & medical grade paper conforming EN 868-3) with Class 1 indicator (ISO 11140-1) Sterilization reel (minimum 400mm width)		120000m	
Heat-sealable sterilization reel(transparent PET/PP film & medical grade paper conforming EN 868-3) with Class 1 indicator (ISO 11140-1) Sterilization reel (minimum 100mm width)		120000m	
Single sided Adhesive Autoclave Tape with Class-1 Indicator (ISO 11140-1) (minimum 18mm width)		500000 m	
Process Challenge Device for BMS test		10 nos.	
Chemical Indicator (EN ISO 11140-1, class 5)		500000 nos.	
Total Consumable Cost for the purpose of Bid Ranking			
<p>*Unit Rates quoted shall stay valid for the duration of the contract and NCI-AIIMS reserves the right to procure the consumables from the bidder at quoted rates or from any other sources as per requirement</p> <p># OEM brand product means the product marketed under the Brand of the Washer Disinfector Manufacturer.</p> <p>@ Any other item like heater, Gasket, thermostat etc not mentioned in the aforementioned list of consumables but required for optimal functioning of the CSSD equipment shall be covered under warranty and CAMC.</p> <p>\$ Bidder must upload a filled copy of the Annexure -3 with techno-commercial Bid without disclosing the prices.</p>			

Ensure that the detergents and/or enzymatic cleaners selected are compatible with the metals and other materials used in medical instruments and also they should be in accordance with the CDC guidelines for sterilization.

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Annexure -4-Electricity consumption (For Bid ranking)**

column	1	2	3	4	5	6
Equipment name	Number of equipments	Indicative load per equipment per day	Capacity of the equipment as quoted in the Bid	Average electricity consumption per cycle in KWH at full load*	Number of Cycles required per equipment per day for load as mentioned in Column '2'	Total cost of electricity for 10 years = (1) x (4) x (5) x 365 days x 10 years x Rs. 10#
Steam Steriliser in STU	3	72 STU				
Ultrasonic Washer in Litres	1	160 LTRS				
Washer Disinfector in DIN	3	72 DIN				
Total cost of electricity for 10 years						

* A certificate in this regard from the OEM to be enclosed in the Technical Bid. The electricity consumption per cycle as declared by the OEM shall be verified at the time of commissioning of CSSD and if the electricity consumption is found to be higher than the declared value by over 5%, the difference in the indicative electricity cost at column '6' (on account of increased electricity consumption) shall be recovered from the bidder while making the final CAPEX payment.

** If the bidder misquotes any information, TSEC of NCI –AIIMS reserves the right to rectify the same based on factual data evident from the Declaration submitted by OEM

Average indicative cost of electricity per KWH is being considered Rs 10 for the purpose of bid ranking.